ANALYTICAL RESULTS - WELL WATER — PAGE 1 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
012484	W	1160	1138	20	7.6		2.0	3280		68	< 0.5	0.4		< 0.20		01
012485	W	540	542	<5	7.1		6.0	640		44	1.4	0.3		< 0.20		01
012486	W	410	414	<5	7.2		4.0	2090		66	0.9	0.2		< 0.20		01
012488	W	930	938	<5	7.2		2.9	2550		145	0.8	0.2		0.23		01
012489	W	835	842	<5	7.4		2.5	1590		48	0.9	< 0.2		1.40		01
012490	W	390	390	<5	7.3		6.5	2620		61	< 0.5	0.2		3.74		01
012491	W	285	290	<5	7.1		4.4	3000		77	< 0.5	< 0.2		14.28		01
012492	W	481	486	<5	7.3		5.9	1730		33	0.9	0.2		7.21		01
012493	W	395	396	<5	7.9		3.2	1390		33	< 0.5	< 0.2		< 0.20		01
012494	W	474	480	<5	8.4		6.4	940		31	< 0.5	< 0.2		< 0.20		01
012495	W	295	300	<5	7.3		3.0	570		5	< 0.5	< 0.2		< 0.20		01
012496	W	382	380	<5	7.3		3.3	1570	< 5	< 5	< 0.5	< 0.2		< 0.20		01
012497	W	392	395	<5	7.1		7.1	860		18	0.6	0.5		4.16		01
012498	W	347	348	<5	7.4		5.9	460		6	1.2	0.3		8.17		01
012499	W	307	312	<5	7.1		6.1	1730		33	1.1	0.5		1.06		01
012500	W	248	252	<5	6.4		5.4	730		12	< 0.5	0.2		0.32		01
012501	W	300	300	<5	6.9		4.1	760		30	< 0.5	< 0.2		< 0.20		01
012502	W	359	360	<5	8.0		4.5	1200		62	< 0.5	< 0.2		< 0.20		01
012503	W	44	44	<5	7.7		4.9	1060		8	0.7	< 0.2		< 0.20		01
012504	W	171	172	<5	7.1		5.6	1170		13	< 0.5	< 0.2		< 0.20		01
012505	W	366	365	<5	8.1		5.5	1280		8	< 0.5	0.2		< 0.20		01
012506	W	254	256	<5	7.7		2.7	1430		37	< 0.5	< 0.2		< 0.20		01
012507	W	341	344	<5	7.8		3.2	2350		99	< 0.5	< 0.2		< 0.20		01
012509	W	171	172	<5	6.0		4.9	95		22	< 0.5	< 0.2		< 0.20		01
012510	W	420	426	<5	6.6		3.4	3510		180	< 0.5	0.2		0.94		01
012511	W	348	352	<5	7.3		4.6	1280		90	< 0.5	< 0.2		0.20		01
012512	W	297	300	<5	7.2		2.0	1070		105	4.2	< 0.2		< 0.20		01
012513	W	410	415	<5	6.8		4.1	3100		55	0.6	0.3		1.92		01
012514	W	170	172	<5	7.2		7.6	1290	< 5		0.6	< 0.2		0.22		01
012515	W	307	308	<5	7.5		7.3	2270		15	0.9	< 0.2		2.29		01
012516	W	275	278	<5	7.3		6.6	2020		37	< 0.5	< 0.2		5.88		01
012517	W	234	240	<5	6.3		6.2	3700		36	< 0.5	< 0.2		2.50		01
012518	W	271	272	<5	7.2		3.4	2290		110	< 0.5	< 0.2		1.28		01
012519	W	361	366	<5	7.0		3.6	2060		24	< 0.5	< 0.2		14.76		01
012521	W	237	238	<5	7.1		4.4	1430		33	< 0.5	< 0.2		12.71		01
012522	W	220	228	<5	7.6		5.9	1150		9	< 0.5	< 0.2		2.55		01
012523	W	300	304	<5	7.0		5.5	2810		53	< 0.5	< 0.2		1.95		01
012524	W	395	396	<5	7.2		3.8	820		62	< 0.5	0.3		0.42		01
012525	W	302	304	<5	7.5		3.4	620		30	< 0.5	< 0.2		< 0.20		01
012527	W	287	288	<5	7.3		3.2	1610		36	< 0.5	< 0.2		< 0.20		01
012528	W	501	506	<5	7.1		2.9	1390		74	0.5	0.3		13.95		01
012529	W	387	388	<5	7.2		4.2	1730		24	< 0.5	0.2		9.35		01
012530	W	287	290	<5	7.4		4.2	1180		34	< 0.5	< 0.2		0.57		01
012531	W	370	376	<5	6.6		5.3	1060		32	0.7	< 0.2		4.14		01
012532	W	335	336	<5	6.9		6.0	770		19	< 0.5	< 0.2		14.10		01
012533	W	181	184	<5	7.2		5.2	630		37	< 0.5	< 0.2		2.28		01
012534	W	321	325	<5	7.1		2.4	990		198	< 0.5	< 0.2		1.79		01
012535	W	367	374	<5	7.0		3.1	1310		343	< 0.5	< 0.2		0.21		01
012536	W	301	306	<5	6.9		5.9	1430		60	< 0.5	< 0.2		12.84		01
012537	W	394	400	<5	6.9		4.5	3870		550	0.5	0.7		10.80		01
012538	W	370	372	<5	7.2		2.4	1330		75	< 0.5	< 0.2		< 0.20		01
012545	W	290	305	<5	7.0		5.9	1030		16	< 0.5	0.4		< 0.20		01
012550	W	286	262	<5	7.0		1.3	1300		136	< 0.5	< 0.2		< 0.20		01
012551	W	566	544	100	9.2		2.2	1310		87	0.6	0.7		0.41		01

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ANALYTICAL RESULTS - WELL WATER — PAGE 1 --SECTION 2 OF 3

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SI
012484	W	< 2	20	2051	17	< 1	1.5	< 2	< 4	< 2	< 10	47	0.7	< 2	15	0
012485	W	< 2	17	73	57	< 1	68.5	< 2	< 4	< 2	< 10	18	18.3	2	< 4	0
012486	W	< 2	23	316	55	< 1	52.4	< 2	< 4	144	< 10	57	32.9	30	< 4	0
012488	W	< 2	19	271	36	< 1	87.4	< 2	< 4	< 2	< 10	36	55.0	46	< 4	0
012489	W	< 2	20	134	105	< 1	59.9	< 2	< 4	< 2	< 10	29	40.9	35	< 4	0
012490	W	< 2	23	78	135	< 1	165.1	< 2	< 4	3	< 10	10	60.1	23	< 4	0
012491	W	< 2	19	368	137	< 1	85.9	2	< 4	< 2	< 10	32	60.6	< 2	< 4	0
012492	W	< 2	10	91	56	< 1	49.0	< 2	< 4	< 2	< 10	17	49.0	< 2	6	0
012493	W	< 2	13	363	63	< 1	21.2	< 2	< 4	< 2	< 10	23	16.1	3	< 4	0
012494	W	< 2	< 10	813	49	< 1	4.1	< 2	5	< 2	< 10	22	1.2	< 2	< 4	0
012495	W	< 2	< 10	1824	16	< 1	5.5	< 2	< 4	< 2	77	73	3.4	14	< 4	0
012496	W	< 2	< 10	141	94	< 1	41.0	< 2	< 4	< 2	< 10	21	28.5	20	< 4	0
012497	W	< 2	< 10	40	134	< 1	102.8	15	6	< 2	< 10	8	36.2	2	< 4	0
012498	W	< 2	< 10	56	80	< 1	56.0	18	6	112	< 10	11	38.5	3	< 4	0
012499	W	< 2	< 10	24	164	< 1	106.8	< 4	< 4	8	< 10	6	6.7	2	< 4	0
012500	W	< 2	< 10	27	135	< 1	88.5	5	< 4	6	< 10	11	8.9	3	< 4	0
012501	W	< 2	< 10	116	85	< 1	51.8	3	< 4	2	< 10	12	10.6	13	< 4	0
012502	W	< 2	< 10	2518	13	< 1	5.1	< 2	< 4	< 2	< 10	31	7.6	< 2	13	0
012503	W	2	< 10	34	51	< 1	15.1	< 2	< 4	290	< 10	2	2.4	3	< 4	0
012504	W	< 2	< 10	40	75	< 1	54.6	< 2	< 4	< 2	< 10	3	3.5	< 2	6	0
012505	W	< 2	< 10	1061	14	< 1	3.0	< 2	< 4	< 2	< 10	8	1.3	2	8	0
012506	W	< 2	< 10	206	50	< 1	21.1	< 2	< 4	< 2	< 10	10	9.7	9	8	0
012507	W	< 2	< 10	1737	31	< 1	24.1	< 2	< 4	< 2	< 10	19	12.4	< 2	< 4	0
012509	W	< 2	< 10	45	230	< 1	80.6	< 2	< 4	< 2	< 10	18	15.4	< 2	< 4	0
012510	W	< 2	< 10	985	8	< 1	64.7	< 2	< 4	< 2	< 10	35	60.1	2	< 4	0
012511	W	< 2	< 10	1231	35	< 1	32.9	< 2	< 4	< 2	< 10	36	26.5	< 2	< 4	0
012512	W	< 2	< 10	834	17	< 1	42.5	< 2	< 4	< 2	< 10	14	23.5	< 2	11	0
012513	W	< 2	< 10	160	189	< 1	179.2	< 2	< 4	97	< 10	17	18.3	8	< 4	0
012514	W	2	< 10	38	82	< 1	62.8	< 2	< 4	< 2	< 10	4	4.4	< 2	< 4	0
012515	W	< 2	< 10	52	208	< 1	97.1	< 2	< 4	< 2	< 10	9	13.5	< 2	< 4	0
012516	W	< 2	< 10	35	75	< 1	72.2	3	< 4	< 2	< 10	4	17.0	< 2	< 4	0
012517	W	< 2	< 10	37	367	< 1	192.4	< 2	< 4	< 2	< 10	7	24.5	3	< 4	0
012518	W	< 2	< 10	118	39	< 1	70.7	< 2	< 4	< 2	< 10	19	42.9	14	< 4	0
012519	W	< 2	< 10	20	128	< 1	88.3	7	6	< 2	< 10	16	7.4	< 2	< 4	0
012521	W	< 2	< 10	24	97	< 1	98.7	3	< 4	< 2	< 10	9	6.4	3	< 4	0
012522	W	< 2	< 10	< 5	2	< 1	2.0	< 2	< 4	55	< 10	< 2	0.1	< 2	< 4	0
012523	W	< 2	< 10	39	79	< 1	176.8	5	< 4	2	< 10	7	4.3	2	< 4	0
012524	W	< 2	< 10	31	49	< 1	115.9	< 2	< 4	< 2	< 10	24	25.8	16	< 4	0
012525	W	< 2	< 10	93	63	< 1	27.4	< 2	< 4	< 2	< 10	25	20.0	< 2	< 4	0
012527	W	< 2	< 10	41	62	< 1	36.3	< 2	< 4	< 2	< 10	12	6.4	< 2	< 4	0
012528	W	< 2	< 10	46	49	< 1	76.7	< 2	< 4	5	< 10	18	28.2	2	< 4	0
012529	W	< 2	< 10	31	207	< 1	130.7	< 2	< 4	< 2	< 10	5	4.3	31	< 4	0
012530	W	< 2	< 10	35	60	< 1	86.5	< 2	< 4	< 2	< 10	9	7.5	2	< 4	2
012531	W	< 2	< 10	41	9	< 1	11.4	< 2	< 4	15	< 10	12	4.6	2	< 4	0
012532	W	< 2	< 10	34	283	< 1	70.4	3	< 4	< 2	< 10	9	23.3	< 2	< 4	0
012533	W	< 2	< 10	33	130	< 1	63.2	2	< 4	5	< 10	5	23.7	4	< 4	0
012534	W	3	28	43	33	< 1	120.7	< 2	< 4	25	< 10	12	48.8	213	< 4	0
012535	W	< 2	24	90	17	< 1	133.5	< 2	< 4	3	< 10	43	66.0	309	< 4	0
012536	W	< 2	23	39	269	< 1	221.2	< 2	< 4	3	< 10	11	13.4	37	< 4	0
012537	W	3	37	77	43	< 1	260.0	2	< 4	4	10	29	89.9	4	< 4	0
012538	W	< 2	< 10	71	114	< 1	85.8	6	< 4	< 2	< 10	12	35.3	2	< 4	0
012545	W	< 2	41	96	70	< 1	114.1	< 2	< 4	14	< 10	35	18.0	6	< 4	0
012550	W	< 2	< 10	30	37	< 1	153.0	< 2	< 4	< 2	< 10	25	15.9	247	< 4	0
012551	W	< 2	< 10	1157	3	< 1	0.5	2	< 4	< 2	< 10	16	0.1	2	< 4	0

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ANALYTICAL RESULTS - WELL WATER — PAGE 1 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
012484	W	446.5		4	< 40			<		< 2		< 4	<	13	< 2	01
012485	W	59.0	<	4	< 40			<		< 2		< 4	<	641	< 2	01
012486	W	162.5	<	4	< 40			<		< 2		< 4		473	< 2	01
012488	W	166.7	<	4	< 40			<		< 2		< 4	<	599	< 2	01
012489	W	67.9	<	4	< 40			<		< 2		< 4	<	368	< 2	01
012490	W	86.8	<	4	< 40			<		< 2		< 4	<	729	< 2	01
012491	W	201.6	<	4	< 40			<		< 2		< 4	<	145	< 2	01
012492	W	41.6	<	4	< 40			<		< 2		< 4	<	< 4	< 2	01
012493	W	154.7	<	4	< 40			<		< 2		< 4	<	33	< 2	01
012494	W	269.1	<	4	< 40			<		< 2		< 4		94	< 2	01
012495	W	292.2		6	< 40			<		< 2		< 4	<	556	< 2	01
012496	W	93.6	<	4	< 40			<		< 2		< 4	<	344	< 2	01
012497	W	33.6	<	4	< 40			<		< 2		< 4		138	< 2	01
012498	W	30.3		6	< 40			<		< 2		6		92	< 2	01
012499	W	52.7	<	4	< 40			<		< 2	<	4	<	24	2	01
012500	W	31.0	<	4	< 40			<		< 2	<	4	<	364	< 2	01
012501	W	93.2	<	4	< 40			<		< 2	<	4	<	223	< 2	01
012502	W	157.4	<	4	< 40			<		< 2	<	4	<	13	< 2	01
012503	W	11.4		4	91					< 2	<	4	<	48	2	01
012504	W	31.0	<	4	< 40			<		< 2	<	4	<	29	< 2	01
012505	W	119.4	<	4	< 40			<		< 2	<	4	<	8	< 2	01
012506	W	86.0	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012507	W	171.9	<	4	< 40			<		< 2	<	4	<	40	< 2	01
012509	W	59.5	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012510	W	124.6	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012511	W	169.8		5	< 40			<		< 2	<	4	<	< 4	< 2	01
012512	W	100.5		4	< 40			<		< 2	<	4	<	20	< 2	01
012513	W	48.0		4	< 40			<		< 2	<	4	<	136	< 2	01
012514	W	62.9	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012515	W	40.3	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012516	W	65.9	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012517	W	104.2	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012518	W	50.9		4	< 40			<		< 2	<	4	<	< 4	< 2	01
012519	W	48.9		7	< 40			<		< 2	<	4	<	< 4	< 2	01
012521	W	8.0		10	< 40			<		< 2	<	4	<	643	< 2	01
012522	W	109.6	<	4	< 40			<		< 2	<	4	<	81	< 2	01
012523	W	30.6	<	4	< 40			<		< 2	<	4	<	79	< 2	01
012524	W	32.8	<	4	< 40			<		< 2	<	4	<	188	2	01
012525	W	75.6	<	4	< 40			<		< 2	<	4	<	94	< 2	01
012527	W	24.9	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
012528	W	146.7	<	4	< 40			<		< 2	<	4	<	370	< 2	01
012529	W	12.0	<	4	< 40			<		< 2	<	4	<	1440	2	01
012530	W	9.4		8	< 40			<		< 2	<	4	<	477	2	01
012531	W	201.9	<	4	< 40			<		< 2	<	4	<	297	< 2	01
012532	W	18.6	<	4	< 40			<		< 2	<	4	<	88	< 2	01
012533	W	6.8		4	< 40			<		< 2	<	4	<	134	< 2	01
012534	W	19.5		7	< 40					3	<	4		501	3	01
012535	W	39.6		7	< 40			<		< 2	<	4	<	161	2	01
012536	W	63.7	<	4	< 40			<		3	<	4	<	2601	3	01
012537	W	203.3	<	4	< 40			<		4	<	4		297	5	01
012538	W	37.2	<	4	< 40			<		< 2		4		< 4	< 2	01
012545	W	39.8	<	4	< 40			<		< 2	<	4	<	141	< 2	01
012550	W	21.2	<	4	< 40			<		< 2	<	4	<	381	< 2	01
012551	W	267.7		5	< 40			<		< 2	<	4	<	4	< 2	01

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ANALYTICAL RESULTS - WELL WATER — PAGE 2 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
012555	W	175	190	<5	7.6		1.9	630		17	< 0.5	0.7		< 0.20		01
012556	W	337	332	39	8.9		2.2	1060		65	< 0.5	0.2		< 0.20		01
012578	W	452	460	<5	8.0		2.2	3790		630	< 0.5	0.2		< 0.20		01
012579	W	200	200	<5	8.0		2.6	470		< 5	< 0.5	< 0.2		< 0.20		01
012580	W	442	426	26	8.9		3.7	1010		8	< 0.5	< 0.2		< 0.20		01
012581	W	20	18	<5	5.6		5.5	130		31	< 0.5	< 0.2		< 0.20		01
012582	W	160	168	<5	7.5		4.9	380		45	< 0.5	< 0.2		0.71		01
012583	W	138	140	<5	6.7		2.0	700		79	< 0.5	< 0.2		< 0.20		01
012584	W	470	472	66	9.0		3.3	1380		300	< 0.5	< 0.2		< 0.20		01
012585	W	22	22	<5	5.7		4.2	340		87	< 0.5	< 0.2		< 0.20		01
012586	W	236	240	<5	8.4		3.6	1430		16	< 0.5	< 0.2		< 0.20		01
012587	W	213	220	<5	8.3		3.7	2190		6	< 0.5	< 0.2		< 0.20		01
012588	W	198	205	<5	8.1		6.3	480		26	1.2	< 0.2		2.78		01
012589	W	40	40	<5	6.8		4.4	450		59	< 0.5	< 0.2		< 0.20		01
012590	W	226	226	<5	7.2		5.3	665		32	0.7	1.0		0.95		01
012593	W	226	230	<5	7.6		6.2	715		38	< 0.5	0.3		2.42		01
012596	W	52	50	<5	7.0		8.3	580		9	0.7	< 0.2		< 0.20		01
012599	W	171	170	<5	7.2		3.4	705		70	0.5	< 0.2		1.14		01
012600	W	775	782	<5	6.5		4.5	1365		25	< 0.5	< 0.2		4.54		01
012602	W	804	800	<5	7.0		7.5	1175		38	< 0.5	0.2		1.93		01
012603	W	870	1000	<5	7.4		3.3	1070		154	0.5	0.2		0.31		01
012605	W	462	466	<5	7.4		3.4	1190		36	< 0.5	0.3		3.26		01
012608	W	108	107	4	8.5		5.7	770		88	14.2	0.2		0.53		01
012609	W	191	196	<5	7.5		3.0	1055		128	1.4	0.9		1.23		01
012611	W	361	362	<5	7.8		2.1	1070		151	2.4	0.2		1.26		01
012613	W	268	264	<5	7.1		6.6	2370		240	0.9	0.3		34.55		01
012618	W	217	216	<5	7.3		1.1	555		12	< 0.5	< 0.2		< 0.20		01
012623	W	163	161	<5	7.8		1.9	735		9	< 0.5	0.3		< 0.20		01
012625	W	116	115	<5	7.9		8.0	870		34	252.0	1.6		3.89		01
012626	W	43	42	<5	6.8		1.0	565		6	4.6	< 0.2		< 0.20		01
012628	W	180	176	<5	7.3		1.1	580		25	3.6	< 0.2		0.35		01
012631	W	176	178	<5	7.7		5.8	2450		333	2.2	< 0.2		4.59		01
012632	W	217	216	<5	7.7		4.1	500		21	1.1	0.2		1.15		01
012633	W	425	423	10	8.3		7.8	1550		170	0.8	0.3		1.27		01
012634	W	310	314	<5	7.7		6.1	1125		83	4.3	< 0.2		4.40		01
012636	W	96	100	<5	7.1		5.3	1375		68	0.7	< 0.2		2.05		01
012637	W	50	47	<5	6.8		2.0	490		9	1.1	< 0.2		2.09		01
012641	W	440	448	154	9.3		5.7	1065		83	< 0.5	< 0.2		0.60		01
012643	W	178	175	60	8.9		4.6	945		69	< 0.5	< 0.2		< 0.20		01
012644	W	218	220	97	9.2		4.3	945		73	< 0.5	0.2		< 0.20		01
012646	W	310	312	<5	7.7		2.3	1430		77	< 0.5	< 0.2		< 0.20		01
012647	W	428	420	90	9.3		2.7	940		71	< 0.5	0.2		< 0.20		01
012653	W	274	271	<5	7.2		5.3	520		11	< 0.5	< 0.2		< 0.20		01
012656	W	332	334	<5	6.9		5.9	940		103	< 0.5	0.2		7.88		01
012659	W	338	340	15	8.4		6.4	830		60	< 0.5	0.2		< 0.20		01
012660	W	271	268	<5	7.1		3.0	580		27	< 0.5	< 0.2		< 0.20		01
012664	W	272	266	<5	7.7		6.3	580		44	< 0.5	< 0.2		< 0.20		01
012665	W	300	291	<5	7.1		5.6	660		69	< 0.5	< 0.2		0.63		01
012667	W	358	360	54	9.0		7.2	670		58	< 0.5	< 0.2		< 0.20		01
012670	W	303	304	<5	7.2		2.5	690		82	< 0.5	0.2		< 0.20		01
012674	W	303	301	17	8.4		2.5	655		47	< 0.5	< 0.2		< 0.20		01
012677	W	305	306	<5	7.5		5.3	710		80	< 0.5	< 0.2		< 0.20		01
012678	W	329	326	<5	7.5		2.0	800		34	< 0.5	0.2		< 0.20		01
012679	W	388	376	<5	6.8		3.4	970		23	< 0.5	0.2		3.26		01

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
012555	W	< 2	< 10	293	22	< 1	13.4	8	4	< 2	< 10	15	6.3	17	< 4	01
012556	W	< 2	< 10	519	< 2	< 1	0.4	< 2	< 4	< 2	11	10	0.1	2	< 4	01
012578	W	< 2	< 10	1167	59	< 1	30.3	3	< 4	6	< 10	58	8.9	12	< 4	01
012579	W	< 2	< 10	303	7	< 1	5.6	5	< 4	< 2	< 10	10	2.4	< 2	< 4	01
012580	W	< 2	< 10	686	2	< 1	0.9	1	< 4	< 2	< 10	13	0.2	< 2	< 4	01
012581	W	< 2	15	18	11	< 1	2.9	5	< 4	< 2	< 10	6	2.5	7	< 4	01
012582	W	< 2	< 10	27	10	< 1	54.2	< 2	< 4	< 2	< 10	8	3.7	2	< 4	01
012583	W	< 2	< 10	47	22	< 1	32.2	< 2	< 4	< 2	< 10	22	12.2	3	< 4	01
012584	W	< 2	< 10	1058	3	< 1	3.4	< 2	< 4	< 2	< 10	21	0.6	< 2	< 4	01
012585	W	< 2	19	22	33	1	23.2	26	< 4	21	< 10	41	6.0	347	< 4	01
012586	W	< 2	< 10	437	13	< 1	8.1	< 2	5	3	< 10	43	3.6	21	7	01
012587	W	< 2	10	617	6	< 1	7.9	< 2	< 4	< 2	< 10	40	3.5	17	< 4	01
012588	W	< 2	< 10	77	74	< 1	79.3	2	< 4	2	< 10	9	4.4	7	9	01
012589	W	< 2	< 10	28	70	< 1	27.7	2	5	< 2	< 10	7	11.6	2	< 4	01
012590	W	< 2	< 10	37	39	< 1	90.7	4	6	< 2	< 10	6	2.3	< 2	< 4	01
012593	W	< 2	< 10	71	47	< 1	65.6	< 2	< 4	< 2	< 10	3	2.4	< 2	< 4	01
012596	W	< 2	< 10	22	17	< 1	13.2	< 2	< 4	< 2	< 10	2	1.4	3	< 4	01
012599	W	< 2	12	54	52	< 1	81.8	< 2	< 4	< 2	< 10	2	1.7	2	< 4	01
012600	W	< 2	< 10	41	48	< 1	134.6	< 2	< 4	< 2	19	13	8.5	3	< 4	01
012602	W	< 2	< 10	26	69	< 1	119.0	< 2	< 4	3	< 10	4	3.0	2	< 4	01
012603	W	< 2	< 10	149	110	< 1	32.7	< 2	< 4	< 2	< 10	52	20.1	34	< 4	01
012605	W	< 2	< 10	139	54	< 1	89.3	< 2	< 4	< 2	< 10	45	41.5	55	< 4	01
012608	W	< 2	< 10	150	27	< 1	32.6	3	< 4	< 2	< 10	13	2.6	< 2	< 4	01
012609	W	< 2	< 10	179	21	< 1	46.9	< 2	< 4	< 2	< 10	26	7.9	< 2	< 4	01
012611	W	< 2	< 10	983	30	< 1	26.1	< 2	< 4	< 2	11	9	1.0	< 2	< 4	01
012613	W	< 2	< 10	210	27	< 1	110.9	< 2	< 4	< 2	< 10	67	12.8	< 2	< 4	01
012618	W	< 2	47	139	21	< 1	32.6	< 2	< 4	2	38	4	3.7	35	5	01
012623	W	< 2	< 10	124	20	< 1	21.4	< 2	< 4	< 2	< 10	18	5.0	< 2	< 4	01
012625	W	< 2	< 10	132	164	< 1	100.8	< 2	< 4	< 2	< 10	34	6.7	< 2	< 4	01
012626	W	< 2	338	28	20	< 1	10.3	< 2	< 4	< 2	179	< 2	1.3	< 2	9	01
012628	W	< 2	12	50	44	< 1	46.5	< 2	< 4	< 2	< 10	5	9.7	< 2	< 4	01
012631	W	< 2	< 10	228	25	< 1	129.1	2	< 4	< 2	< 10	71	34.3	2	< 4	01
012632	W	< 2	< 10	163	64	< 1	45.6	< 2	< 4	< 2	< 10	11	2.9	< 2	< 4	01
012633	W	< 2	< 10	1236	18	< 1	11.4	< 2	< 4	< 2	< 10	32	3.4	< 2	5	01
012634	W	< 2	< 10	63	117	< 1	90.4	< 2	< 4	< 2	< 10	9	22.5	< 2	< 4	01
012636	W	< 2	< 10	31	137	< 1	126.1	< 2	< 4	< 2	< 10	11	17.6	< 2	< 4	01
012637	W	< 2	2655	26	42	< 1	12.8	< 2	< 4	4	1181	3	2.0	6	< 4	01
012641	W	< 2	< 10	396	12	< 1	0.6	< 2	< 4	< 2	< 10	12	0.1	< 2	< 4	01
012643	W	< 2	< 10	116	17	< 1	0.9	< 2	< 4	< 2	13	30	0.1	< 2	< 4	01
012644	W	< 2	< 10	163	8	< 1	1.0	< 2	< 4	< 2	< 10	15	0.2	< 2	< 4	01
012646	W	< 2	< 10	142	81	< 1	21.8	< 2	< 4	< 2	< 10	36	11.7	35	< 4	01
012647	W	< 2	< 10	202	6	< 1	0.7	< 2	< 4	< 2	< 10	13	0.2	< 2	< 4	01
012653	W	< 2	< 10	36	121	< 1	55.9	< 2	< 4	< 2	< 10	7	6.6	2	< 4	01
012656	W	< 2	< 10	44	93	< 1	103.0	< 2	< 4	< 2	< 10	10	10.4	< 2	< 4	01
012659	W	< 2	< 10	115	24	< 1	1.0	< 2	< 4	< 2	< 10	26	0.2	< 2	< 4	01
012660	W	< 2	< 10	58	71	< 1	20.3	< 2	< 4	< 2	< 10	13	6.5	< 2	< 4	01
012664	W	< 2	< 10	95	65	< 1	49.3	2	8	< 2	< 10	19	17.5	< 2	< 4	01
012665	W	< 2	< 10	105	47	< 1	35.9	< 2	< 4	< 2	< 10	22	6.4	63	< 4	01
012667	W	< 2	< 10	113	29	< 1	1.0	< 2	< 4	< 2	< 10	17	0.2	< 2	< 4	01
012670	W	< 2	< 10	153	58	< 1	69.4	< 2	< 4	< 2	< 10	19	9.0	164	5	01
012674	W	< 2	< 10	118	23	< 1	1.5	< 2	< 4	< 2	< 10	27	0.2	< 2	< 4	01
012677	W	< 2	< 10	86	32	< 1	15.1	< 2	< 4	< 2	< 10	18	15.2	< 2	< 4	01
012678	W	< 2	< 10	135	25	< 1	2.7	< 2	< 4	< 2	< 10	28	0.6	< 2	< 4	01
012679	W	< 2	< 10	60	146	< 1	117.5	< 2	< 4	< 2	< 10	18	14.6	3	< 4	01

ANALYTICAL RESULTS - WELL WATER — PAGE 2 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
012555	W	97.0		4	< 40			< 1		< 2		4		354	< 2
012556	W	210.4	<	4	196			< 1		< 2	<	4	<	8	< 2
012578	W	600.7	<	4	< 40			< 1		< 2	<	4	<	119	< 2
012579	W	111.8	<	4	80			< 1		< 2	<	4	<	71	< 2
012580	W	263.6		5	490			< 1		< 2	<	4	<	29	< 2
012581	W	4.7	<	4	< 40			< 1		< 2		5	<	94	< 2
012582	W	12.3	<	4	< 40			< 1		< 2	<	4	<	31	< 2
012583	W	108.9	<	4	< 40			< 1		< 2	<	4	<	166	< 2
012584	W	330.1	<	4	195			< 1		< 2	<	4	<	< 4	< 2
012585	W	27.9		28	< 40			< 1		< 2	<	4	<	433	< 2
012586	W	277.8	<	4	< 40			< 1		< 2	<	4	<	59	< 2
012587	W	426.9	<	4	< 40			< 1		< 2	<	4	<	101	< 2
012588	W	20.3	<	4	< 40			< 1		< 2	<	4		31	< 2
012589	W	49.5		5	< 40			< 1		< 2		6		168	< 2
012590	W	16.8	<	4	115			< 1		< 2		7		6	< 2
012593	W	52.9	<	4	< 40			< 1		< 2	<	4	<	< 4	< 2
012596	W	7.8	<	4	108			< 1		< 2		9	<	1456	< 2
012599	W	54.7	<	4	< 40			< 1		< 2	<	4	<	119	< 2
012600	W	24.8		8	< 40			< 1		< 2	<	4	<	266	< 2
012602	W	7.7		4	< 40			< 1		< 2		4	<	106	< 2
012603	W	93.7		7	< 40			< 1		< 2	<	4	<	452	< 2
012605	W	78.0		9	< 40			< 1		< 2	<	4	<	315	< 2
012608	W	70.3	<	4	255			< 1		< 2		4	<	109	< 2
012609	W	147.9	<	4	< 40			< 1		< 2	<	4	<	16	< 2
012611	W	206.6	<	4	375			< 1		< 2		10	<	51	< 2
012613	W	287.6	<	4	< 40			< 1		< 2	<	4	<	87	< 2
012618	W	72.9	<	4	< 40			< 1		< 2	<	4	<	154	< 2
012623	W	85.8	<	4	< 40			< 1		< 2	<	4	<	< 4	< 2
012625	W	53.4		4	165			< 1		< 2		19	<	76	< 2
012626	W	2.9	<	4	175			< 1		7	<	4	<	12	< 2
012628	W	34.6		7	1051			< 1		< 2	<	4	<	16	< 2
012631	W	314.8	<	4	114			< 1		< 2	<	4	<	730	< 2
012632	W	55.0	<	4	< 40			< 1		< 2		4	<	12	< 2
012633	W	297.6	<	4	< 40			< 1		< 2		4	<	12	< 2
012634	W	139.5	<	4	571			< 1		< 2	<	4	<	21	< 2
012636	W	101.7	<	4	47			< 1				7	<	1552	
012637	W	2.5	<	4	296			< 1		85		9		7	2
012641	W	200.3	<	4	< 40			< 1		< 2	<	4	<	11	< 2
012643	W	178.9		31	< 40			< 1		< 2	<	4	<	< 4	< 2
012644	W	191.3	<	4	< 40			< 1		< 2	<	4	<	< 4	< 2
012646	W	204.1		33	< 40			< 1		< 2	<	4	<	18	< 2
012647	W	180.0		69	< 40			< 1		< 2	<	4	<	< 4	< 2
012653	W	15.1	<	4	< 40			< 1		< 2	<	4	<	10	< 2
012656	W	27.9		13	< 40			< 1		< 2	<	4	<	< 4	< 2
012659	W	169.3		57	< 40			< 1		< 2	<	4	<	< 4	< 2
012660	W	43.1	<	4	< 40			< 1		< 2	<	4	<	< 4	< 2
012664	W	43.3	<	4	< 40			< 1		< 2		4		11	< 2
012665	W	110.9	<	4	< 40			< 1		< 2	<	4	<	443	< 2
012667	W	160.2	<	4	< 40			< 1		< 2	<	4	<	8	< 2
012670	W	73.2	<	4	< 40			< 1		< 2	<	4	<	246	< 2
012674	W	134.4	<	4	< 40			< 1		< 2		4	<	7	< 2
012677	W	82.9	<	4	< 40			< 1		< 2	<	4	<	11	< 2
012678	W	147.4		8	< 40			< 1		< 2		4	<	42	< 2
012679	W	28.3		30	< 40			< 1		< 2	<	4	<	28	2

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ANALYTICAL RESULTS - WELL WATER — PAGE 3 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT
012681	W	278	280	<5	7.6		7.1	700		90	< 0.5	0.2	< 0.20		
012682	W	433	433	80	9.3		4.7	840		32	< 0.5	0.2		1.40	
012683	W	411	408	42	9.1		4.7	890		75	< 0.5	0.3	< 0.20		
012685	W	385	386	<5	6.7		0.9	860		53	< 0.5	[illegible]		1.04	
012686	W	382	380	44	9.1		3.4	830		59	< 0.5	0.2	< 0.20		
012687	W	428	423	60	9.4		3.5		750	6	< 0.5	< 0.2	< 0.20		
012688	W	225	220	<5	7.7		1.2	490		9	< 0.5	< 0.2	< 0.20		
012689	W	308	304	20	8.6		2.5	600		7	< 0.5	< 0.2	< 0.20		
012691	W	418	419	43	8.8		5.2	1050		37	9.5	0.4		0.96	
012695	W	350	344	<5	7.0		7.2	770		12	< 0.5	0.2		2.60	
012696	W	308	300	<5	7.2		2.9	770		17	0.9	< 0.2	< 0.20		
012697	W	303	305	18	8.6		3.0	890		25	< 0.5	< 0.2		0.42	
012698	W	260	264	6	9.1		7.5	570		15	< 0.5	< 0.2	< 0.20		
012699	W	292	295	<5	7.1		6.8	650		8	0.7	0.3		12.42	
012703	W	230	224	<5	7.2		7.8	520		10	< 0.5	< 0.2		1.79	
012704	W	390	388	<5	6.8		5.3	1550		54	< 0.5	< 0.2		47.99	
012705	W	289	290	14	8.5		6.7	670		20	< 0.5	< 0.2	< 0.20		
012706	W	392	395	<5	6.9		6.3	1330		69	1.1	0.2		7.24	
012708	W	46	46	<5	6.1		8.1	300	< 5	< 0.5	< 0.2		< 0.20		
012709	W	560	570	172	9.8		2.5	920		24	< 0.5	0.2	< 0.20		
012710	W	400	438	<5	7.3		4.4	710		15	< 0.5	0.3		1.88	
012711	W	410	410	<5	7.5		7.2	690		14	< 0.5	< 0.2		0.96	
012712	W	556	554	68	8.9		3.8	3490		739	< 0.5	0.4	< 0.20		
012714	W	392	386	<5	7.5		3.5	620	< 5	< 0.5	0.2			0.54	
012715	W	1000	1142	126	9.1		3.4	1700		88	< 0.5	0.3	< 0.20		
012716	W	468	474	<5	7.9		3.2	1050		85	1.1	0.3		0.67	
012717	W	390	410	<5	7.2		0.8	660		25	0.8	0.4		1.34	
012718	W	388	410	<5	7.3		5.3	760		12	< 0.5	0.2		1.43	
012719	W	432	432	<5	8.9		5.3	860		46	< 0.5	0.6	< 0.20		
012721	W	612	639	38	8.9		4.1	2680		86	0.5	0.2	< 0.20		
012722	W	206	212	<5	7.9		2.9	730		57	< 0.5	0.3		2.55	
012764	W	540	537	<5	7.0		10.4	950		90	< 0.5	0.3		4.66	
012765	W	506	509	<5	6.9		4.4	770		47	0.9	< 0.2		1.21	
012766	W	377	381	<5	6.7		5.4	1040		297	< 0.5	< 0.2		2.51	
012767	W	578	578	<5	6.7		6.3	940		68	0.5	0.2		25.96	
012768	W	364	382	<5	6.9		7.0	670		19	< 0.5	< 0.2		2.33	
012769	W	524	512	<5	6.8		7.4	830		45	< 0.5	< 0.2		8.91	
012770	W	522	521	<5	7.0		8.4	2240		169	< 0.5	< 0.2		17.91	
012771	W	541	542	<5	6.9		5.8	990		98	< 0.5	0.2		1.40	
012773	W	660	688	<5	6.8		5.7	1310		213	< 0.5	0.3		22.16	
012774	W	425	433	<5	7.4		5.3	850		109	< 0.5	< 0.2	< 0.20		
012775	W	542	536	<5	6.5		7.1	1050		81	< 0.5	0.2		15.73	
012776	W	503	529	<5	7.0		8.0	790		60	< 0.5	< 0.2	< 0.20		
012777	W	498	519	29	7.8		7.7	820		50	< 0.5	0.2	< 0.20		
012778	W	539	521	<5	7.2		8.4	850		56	< 0.5	< 0.2	< 0.20		
012779	W	455	465	<5	7.0		8.5	740		20	< 0.5	0.2		3.73	
012780	W	591	600	<5	6.9		7.2	870		11	< 0.5	< 0.2	< 0.20		
012784	W	345	353	<5	7.5		7.7	830		118	< 0.5	< 0.2	< 0.20		
012785	W	466	484	<5	6.8		8.4	2000		12	1.3	< 0.2		298.20	
012787	W	463	479	58	8.7		7.9	920		5	< 0.5	< 0.2		0.36	
012790	W	340	357	<5	6.7		7.4	970		66	< 0.5	< 0.2		6.23	
012791	W	638	635	73	8.5		7.7	1050		37	< 0.5	< 0.2		0.24	
012792	W	387	388	<5	7.1		8.2	670	< 5	0.8	0.2			0.28	
012793	W	450	435	<5	7.0		7.2	700		12	< 0.5	0.2		0.93	

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ANALYTICAL RESULTS - WELL WATER — PAGE 3 --SECTION 2 OF 3

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
012681	W	< 2	< 10	104	33	< 1	80.6	< 2	< 4	< 2	< 10	16	8.5	20	< 4
012682	W	< 2	< 10	142	42	< 1	0.6	< 2	< 4	< 2	< 10	11	0.1	< 2	< 4
012683	W	< 2	< 10	356	31	3	2.6	< 2	< 4	< 2	11	16	0.8	19	< 4
012685	W	< 2	< 10	51	165	< 1	104.8	< 2	< 4	< 2	< 10	11	21.3	13	< 4
012686	W	< 2	< 10	140	13	< 1	1.1	< 2	< 4	< 2	< 10	15	0.1	< 2	< 4
012687	W	< 2	< 10	332	5	< 1	0.7	< 2	< 4	< 2	< 10	14	0.1	< 2	< 4
012688	W	< 2	< 10	103	145	< 1	18.7	< 2	< 4	< 2	< 10	6	9.3	13	< 4
012689	W	< 2	< 10	197	7	< 1	0.9	3	< 5	< 2	10	6	0.2	< 2	< 4
012691	W	< 2	< 10	969	12	< 1	0.9	4	5	< 3	< 10	10	0.3	5	5
012695	W	< 2	< 10	68	95	< 1	72.7	< 2	< 4	< 2	< 10	4	8.4	< 2	< 4
012696	W	< 2	< 10	108	165	< 1	65.4	< 2	< 4	< 2	< 10	9	25.4	25	< 4
012697	W	< 2	< 10	340	10	< 1	11.4	2	< 4	< 2	< 10	8	4.1	< 2	< 4
012698	W	< 2	< 10	836	70	< 1	3.6	< 2	< 4	< 2	< 10	7	1.5	8	< 4
012699	W	< 2	< 10	52	158	< 1	100.5	< 2	< 4	< 2	< 10	10	9.9	2	< 4
012703	W	< 2	< 10	27	107	< 1	47.8	< 2	< 4	< 2	< 10	3	3.6	< 2	< 4
012704	W	< 2	< 10	67	120	< 1	118.2	< 2	< 4	< 2	< 10	16	44.0	< 2	< 4
012705	W	< 2	< 10	498	37	< 1	2.5	< 2	< 4	< 2	< 10	7	0.9	< 2	< 4
012706	W	< 2	< 10	83	113	< 1	119.9	< 2	< 4	< 2	< 10	7	12.6	< 2	< 4
012708	W	< 2	< 10	19	20	< 1	6.9	< 2	< 4	49	< 10	2	0.7	23	4
012709	W	< 2	< 10	567	< 2	< 1	0.6	< 2	< 4	< 2	< 10	11	0.1	< 2	4
012710	W	< 2	< 10	28	94	< 1	108.0	< 2	< 4	< 2	< 10	4	1.6	< 2	28
012711	W	< 2	10	38	59	< 1	113.2	< 2	< 4	< 2	< 10	6	1.5	< 2	< 4
012712	W	< 2	< 10	2070	<	< 1	4.0	< 2	< 4	456	< 10	33	1.4	< 5	< 4
012714	W	< 2	< 10	31	46	< 1	90.7	< 2	< 4	9	< 10	8	2.8	< 2	< 4
012715	W	< 2	< 10	1486	2	< 1	1.2	< 2	< 4	2	< 10	17	0.2	< 2	< 4
012716	W	< 2	< 10	620	47	< 1	79.4	< 2	4	7	< 10	8	3.6	< 2	< 4
012717	W	< 2	< 10	47	64	< 1	108.3	2	5	5	< 10	6	3.2	< 2	8
012718	W	< 2	10	46	137	< 1	120.1	< 2	5	< 2	< 10	6	3.0	< 2	7
012719	W	< 2	< 10	511	< 2	< 1	0.1	3	< 4	< 2	< 10	9	< 0.1	< 2	< 4
012721	W	< 2	< 10	555	11	< 1	3.5	< 2	< 4	< 2	< 10	35	1.1	< 2	< 4
012722	W	< 2	< 10	56	82	< 1	113.1	< 2	< 4	< 2	< 10	10	3.3	< 2	< 4
012764	W	< 2	< 10	50	59	< 1	113.2	< 2	< 4	< 2	< 10	15	2.1	25	< 4
012765	W	< 2	< 10	39	78	< 1	75.9	< 2	< 4	< 2	< 10	4	0.1	< 2	8
012766	W	< 2	< 10	36	72	< 1	160.9	< 2	< 4	< 2	< 10	1	0.4	18	< 4
012767	W	< 2	< 10	60	65	< 1	78.8	< 2	< 4	< 2	< 10	12	20.9	< 2	< 4
012768	W	< 2	< 10	42	58	< 1	83.6	< 2	< 4	< 2	< 10	6	4.1	< 2	< 4
012769	W	< 2	< 10	69	210	< 1	79.2	< 2	< 4	< 2	< 10	10	25.9	< 2	< 4
012770	W	< 2	< 10	84	73	< 1	165.5	< 2	< 4	< 2	< 10	11	31.9	2	< 4
012771	W	< 2	< 10	66	41	< 1	69.7	< 2	< 4	< 2	< 10	15	41.8	3	< 4
012773	W	< 2	< 10	75	20	< 1	92.6	< 2	< 4	< 2	< 10	18	60.8	2	< 4
012774	W	< 2	< 10	171	42	< 1	25.7	< 2	< 4	< 2	< 10	9	1.1	36	< 4
012775	W	< 2	< 10	48	64	< 1	98.4	3	< 4	< 2	< 10	10	33.6	58	5
012776	W	< 2	< 10	88	49	< 1	45.5	< 2	< 4	< 2	< 10	15	26.4	< 2	< 4
012777	W	< 2	< 10	112	119	< 1	6.7	9	12	< 2	< 10	33	2.3	24	5
012778	W	< 2	< 10	81	74	< 1	44.7	< 2	< 4	< 2	< 10	27	21.3	3	< 4
012779	W	< 2	< 10	30	56	< 1	83.6	< 2	< 4	15	< 10	8	21.1	5	< 4
012780	W	< 2	< 10	46	85	< 1	72.1	< 2	< 4	< 2	< 10	10	15.1	4	< 4
012784	W	< 2	< 10	97	64	< 1	65.0	< 2	< 4	< 2	< 10	8	19.4	29	< 4
012785	W	< 2	< 10	30	60	< 1	161.3	< 2	4	3	< 10	10	35.8	2	< 4
012787	W	< 2	< 10	235	2	< 1	0.5	< 2	< 4	< 2	< 10	5	0.1	< 2	< 4
012790	W	< 2	< 10	63	85	< 1	92.0	< 2	< 4	< 2	< 10	13	29.6	6	< 4
012791	W	< 2	< 10	1106	30	< 1	0.8	< 2	< 4	< 2	< 10	9	0.2	< 2	5
012792	W	< 2	< 10	80	138	< 1	34.9	< 2	< 4	< 2	< 10	12	16.6	< 2	6
012793	W	< 2	12	67	60	< 1	88.9	< 2	< 4	< 2	< 10	12	14.0	94	5

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ANALYTICAL RESULTS - WELL WATER — PAGE 3 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
012681	W	51.1		20	< 40			<		< 2		< 4	<	413	< 2	01
012682	W	173.2		< 4	< 40			<		< 2		< 4	<	15	< 2	01
012683	W	197.4		< 4	< 40			2		< 2		< 4		104	< 2	01
012685	W	20.3		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012686	W	163.9		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012687	W	167.0		< 4	< 40			<		< 2		< 4	<	4	< 2	01
012688	W	69.0		24	< 40			<		< 2		< 4	<	18	< 2	01
012689	W	146.0		< 4	< 40			<		< 2		< 4		< 4	< 2	01
012691	W	202.9		< 4	44			<		< 2		< 4		7	< 2	01
012695	W	55.5		< 4	< 40			<		< 2		< 4	<	7	< 2	01
012696	W	57.4		13	< 40			<		< 2		< 4	<	514	< 2	01
012697	W	167.5		< 4	< 40			<		< 2		< 4		19	< 2	01
012698	W	110.7		33	< 40			<		< 2		< 4	<	52	< 2	01
012699	W	24.4		< 4	< 40			<		< 2		< 4	<	554	< 2	01
012703	W	38.2		6	< 40			<		< 2		< 4	<	< 4	< 2	01
012704	W	66.1		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012705	W	143.5		7	< 40			<		< 2		< 4	<	< 4	< 2	01
012706	W	92.1		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012708	W	3.0		< 4	< 40			<		< 2		< 4	<	373	< 2	01
012709	W	225.6		< 4	< 40			<		< 2		< 4	<	6	< 2	01
012710	W	94.0		108	< 40	0	0	<		< 2		< 4	<	< 4	< 2	01
012711	W	9.4		< 4	< 40			<		< 2		< 4	<	226	< 2	01
012712	W	600.2		6	< 40			<		< 2		< 4	<	65	< 2	01
012714	W	7.6		< 4	< 40			<		< 2		< 4	<	76	< 2	01
012715	W	313.1		< 4	188			<		< 2		< 4	<	< 4	< 2	01
012716	W	144.8		8	254			<		< 2		8	<	133	< 2	01
012717	W	10.5		< 4	< 40			<		< 2		< 4		35	< 2	01
012718	W	21.7		< 4	< 40			<		< 2		< 4	<	98	< 2	01
012719	W	187.0		< 4	500			<		< 2		< 4	<	< 4	< 2	01
012721	W	434.3		< 4	< 40			<		< 2		< 4		< 4	< 2	01
012722	W	43.2		< 4	< 40			<		< 2		< 4		12	< 2	01
012764	W	23.8		25	< 40			<		< 2		< 4	<	473	< 2	01
012765	W	10.3		< 4	< 40			<		< 2		< 4	<	22	< 2	01
012766	W	4.5		< 4	< 40			<		< 2		< 4	<	-5	< 2	01
012767	W	16.8		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012768	W	6.5		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012769	W	14.9		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012770	W	135.1		< 4	< 40			<		< 2		< 4	<	6	< 2	01
012771	W	33.8		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012773	W	32.8		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012774	W	122.4		74	< 40			<		< 2		< 4	<	-4	< 2	01
012775	W	29.1		19	< 40			<		< 2		< 4		97	7 2	01
012776	W	30.6		4	< 40			<		< 2		< 4	<	< 4	< 2	01
012777	W	139.7		31	< 40			<		< 2		11		49	< 2	01
012778	W	54.5		57	< 40			<		< 2		< 4	<	9	< 2	01
012779	W	25.3		< 4	< 40			<		< 2		< 4	<	598	< 2	01
012780	W	16.5		< 4	< 40			<		< 2		< 4		34	< 2	01
012784	W	51.6		6	< 40			<		< 2		< 4	<	-2	< 2	01
012785	W	90.1		< 4	< 40			<		< 2		< 4	<	-7	< 2	01
012787	W	130.3		< 4	< 40			<		< 2		< 4	<	4	< 2	01
012790	W	30.4		< 4	< 40			<		< 2		< 4	<	242	< 2	01
012791	W	164.2		< 4	< 40			<		< 2		< 4	<	8	< 2	01
012792	W	32.2		< 4	< 40			<		< 2		< 4	<	< 4	< 2	01
012793	W	18.6		< 4	< 40			<		< 2		< 4	<	430	< 2	01

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ANALYTICAL RESULTS - WELL WATER — PAGE 4 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
012794	W	573	600	<5	6.6		8.3	2000		35	0.6	0.4		7.36		01
012799	W	538	555	<5	6.9		8.3	1130		77	0.6	0.6		20.08		01
012800	W				6.9		6.0	1450		110	< 0.5	0.3		< 0.20		01
012801	W	195	188	<5	7.7		5.3	650		10	< 0.5	0.3		< 0.20		01
012802	W	550	566	60	10.1		2.2	1300		88	< 0.5	0.5		0.71		01
012803	W	282	282	46	10.5		5.8	1020		84	< 0.5	0.3		0.52		01
012804	W	635	665	<5	6.3		4.3	1830		287	< 0.5	0.3		1.49		01
012005	W	285	281	64	9.2		1.5	1200		11	< 0.5	< 0.2		0.20		01
012808	W	462	462	<5	8.5		8.4	950		38	< 0.5	0.3		< 0.20		01
012809	W	175	175	<5	7.5		1.5	1700		11	< 0.5	< 0.2		< 0.20		01
012835	W	721	726	94	9.1		2.9	980		< 5	< 0.5	0.4		< 0.20		01
012836	W	665	648	90	9.3		2.9	920		< 5	< 0.5	0.2		< 0.20		01
012838	W	665	631	61	9.2		2.6	940		15	< 0.5	0.2		< 0.20		01
012839	W	400	398	40	9.1		4.8	800		< 5	0.5	0.2		0.25		01
012840	W	498	506	50	9.1		5.3	910		12	< 0.5	0.2		< 0.20		01
012841	W	126	126	<5	6.9		6.0	340		14	< 0.5	< 0.2		< 0.20		01
012842	W	438	459	64	9.2		3.2	790		10	< 0.5	0.3		0.41		01
012843	W	405	416	54	9.3		6.3	800		14	< 0.5	< 0.2		0.22		01
012844	W	432	443	65	9.3		6.0	930		43	< 0.5	0.3		1.08		01
012845	W	470	490	62	9.4		8.0	970		41	0.5	0.6		0.37		01
012846	W	530	554	<5	8.2		8.0	1190		41	< 0.5	0.4		0.26		01
012847	W	494	520	74	9.3		7.0	1130		83	< 0.5	0.3		0.56		01
012849	W	424	426	<5	7.3		4.3	1030		< 5	< 0.5	< 0.2		4.37		01
012850	W	75	74	<5	6.0		7.4	290		202	< 0.5	< 0.2		< 0.20		01
012851	W	640	640	33	8.7		5.8	1800		71	< 0.5	< 0.2		< 0.20		01
012852	W	525	522	65	9.3		2.6	1130		86	< 0.5	0.2		0.28		01
012853	W	475	470	22	8.8		10.5	990		5	< 0.5	< 0.2		< 0.20		01
012854	W	340	338	10	8.4		5.7	1190		< 5	0.5	0.2		< 0.20		01
012855	W	326	314	16	8.5		4.5	570		< 5	< 0.5	1.4		< 0.20		01
012856	W	310	314	<5	7.1		9.0	540		31	< 0.5	< 0.2		1.02		01
012857	W	470	482	38	9.0		6.8	820		18	< 0.5	< 0.2		0.26		01
012858	W	514	522	<5	7.2		6.0	1260		< 5	0.5	< 0.2		8.68		01
012859	W	230	250	<5	7.7		2.6	480		< 5	1.4	< 0.2		< 0.20		01
012860	W	300	298	<5	7.2		5.8	670		< 5	< 0.5	< 0.2		0.95		01
012861	W	330	332	<5	7.2		8.8	590		6	0.6	< 0.2		0.92		01
012862	W	380	412	<5	7.1		4.6	790		< 5	1.3	< 0.2		< 0.20		01
012863	W	400	410	<5	7.3		4.3	840		42	1.0	< 0.2		< 0.20		01
012864	W	405	396	<5	8.0		4.5	1140		46	< 0.5	0.3		0.27		01
012865	W	345	348	19	9.0		4.5	590		21	< 0.5	< 0.2		< 0.20		01
012866	W	326	322	20	9.2		4.3	600		291	< 0.5	< 0.2		< 0.20		01
012867	W	346	344	21	8.7		4.8	1190		167	< 0.5	0.3		< 0.20		01
012868	W	319	314	44	9.3		3.1	840		131	< 0.5	< 0.2		< 0.20		01
012870	W	255	261	<5	7.8		2.8	560		30	< 0.5	< 0.2		< 0.20		01
012871	W	390	410	<5	7.5		7.3	1150		83	< 0.5	< 0.2		9.26		01
012872	W	385	372	<5	7.9		3.1	1170		128	< 0.5	< 0.2		< 0.20		01
012873	W	374	344	<5	7.8		2.4	1270		261	< 0.5	< 0.2		< 0.20		01
012874	W	412	420	<5	7.2		4.7	980		82	< 0.5	< 0.2		< 0.20		01
012875	W	400	400	22	8.5		4.8	1610		232	< 0.5	< 0.2		< 0.20		01
012876	W	320	324	<5	7.2		4.6	750		10	< 0.5	0.3		2.38		01
012877	W	284	294	10	8.5		4.0	1890		181	< 0.5	< 0.2		< 0.20		01
012878	W	399	396	<5	7.1		4.5	1350		172	< 0.5	< 0.2		9.19		01
012879	W	380	372	<5	7.3		8.7	550		64	< 0.5	< 0.2		2.60		01
012881	W	432	423	<5	7.2		5.8	1130		76	< 0.5	< 0.2		5.19		01
012882	W	520	505	<5	7.2		3.7	1120		131	0.7	< 0.2		16.41		01

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ANALYTICAL RESULTS - WELL WATER

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
012794	W	< 2	< 10	70	284	< 1	154.8	3	12	2	< 10	17	54.4	2	< 4
012799	W	< 2	< 10	73	67	< 1	85.7	< 2	4	< 2	< 10	14	35.8	4	< 4
012800	W	< 2	< 10	65	82	< 1	143.5	< 2	4	< 2	< 10	42	26.8	10	< 4
012801	W	< 2	< 10	122	6	< 1	28.3	< 2	4	< 2	20	20	10.7	23	< 4
012802	W	< 2	< 10	1485	2	< 1	0.6	< 2	4	< 2	< 10	18	0.3	< 2	5
012803	W	< 2	< 10	706	< 2	< 1	0.4	< 2	4	< 2	< 10	16	0.2	< 2	< 4
012804	W	< 2	< 10	429	43	< 1	67.5	2	4	< 2	< 10	25	75.5	2	< 4
012805	W	< 2	< 10	1204	5	< 1	0.8	< 2	4	11	< 10	19	0.2	< 2	< 4
012808	W	< 2	< 10	168	5	< 1	11.8	< 2	4	< 2	< 10	30	11.5	46	< 4
012809	W	< 2	< 10	42	8	< 1	18.1	< 2	5	< 2	59	20	6.9	243	7
012835	W	< 2	< 10	552	4	< 1	0.5	3	4	< 2	< 10	22	0.2	< 2	4
012836	W	< 2	< 10	606	4	< 1	0.6	< 2	4	< 2	< 10	17	0.1	< 2	5
012838	W	< 2	< 10	636	2	< 1	0.8	< 2	4	< 2	< 10	21	0.3	< 2	5
012839	W	< 2	< 10	336	2	< 1	0.8	< 2	4	< 2	< 10	21	0.2	< 2	5
012840	W	< 2	< 10	1014	3	< 1	0.9	< 2	4	< 2	< 10	20	0.2	3	7
012841	W	< 2	< 10	43	9	< 1	49.4	< 2	4	< 2	< 10	12	4.5	24	< 4
012842	W	< 2	< 10	685	8	< 1	0.6	< 2	4	< 2	< 10	19	0.1	< 2	7
012843	W	< 2	< 10	376	4	< 1	0.7	< 2	4	< 2	< 10	19	0.2	< 2	< 4
012844	W	< 2	< 10	562	2	< 1	0.7	< 2	4	< 2	< 10	19	0.1	< 2	< 4
012845	W	< 2	< 10	515	10	< 1	1.3	< 2	4	580	1466	15	0.3	19	10
012846	W	< 2	< 10	763	5	< 1	0.7	< 2	4	3	12	16	0.1	< 2	< 4
012847	W	< 2	< 10	1226	2	< 1	0.8	< 2	4	< 2	< 10	15	0.2	< 2	< 4
012849	W	< 2	< 10	26	21	< 1	89.8	< 2	4	< 2	< 10	18	21.0	< 2	< 4
012850	W	< 2	< 10	11	15	< 1	6.9	< 2	4	< 2	< 10	7	2.5	< 2	< 4
012851	W	< 2	11	3848	4	< 1	3.7	< 2	4	3	< 10	27	1.1	< 2	< 4
012852	W	< 2	< 10	1237	2	< 1	0.8	< 2	4	< 2	< 10	21	0.2	< 2	4
012853	W	< 2	< 10	933	9	< 1	5.0	< 2	4	13	19	20	0.5	< 2	< 4
012854	W	< 2	< 10	177	12	< 1	3.5	< 2	4	< 2	24	37	1.2	< 2	< 4
012855	W	< 2	< 10	194	5	< 1	0.8	3	7	< 2	< 10	23	0.3	< 2	< 4
012856	W	< 2	< 10	46	42	< 1	73.4	< 2	4	< 2	< 10	11	5.4	< 2	< 4
012857	W	< 2	< 10	758	3	< 1	0.9	< 2	4	< 2	< 10	19	0.2	< 2	< 4
012858	W	< 2	< 10	49	38	< 1	59.7	< 2	4	< 2	< 10	11	42.5	2	< 4
012859	W	< 2	< 10	86	29	< 1	33.3	< 2	4	< 2	< 10	14	12.9	12	< 4
012860	W	< 2	48	55	84	< 1	84.8	< 2	4	8	< 10	14	16.1	3	< 4
012861	W	< 2	< 10	77	79	< 1	67.1	< 2	4	< 2	< 10	7	34.7	< 2	< 4
012862	W	< 2	< 10	79	174	< 1	54.5	< 2	4	< 2	< 10	17	37.4	33	< 4
012863	W	< 2	< 10	144	83	< 1	45.4	< 2	4	< 2	< 10	33	30.7	52	< 4
012864	W	< 2	< 10	419	49	< 1	21.4	< 2	4	< 2	< 10	57	13.3	4	6
012865	W	< 2	< 10	635	17	< 1	6.1	< 2	4	< 2	< 10	24	2.9	< 2	< 4
012866	W	< 2	< 10	417	8	< 1	1.3	< 2	4	< 2	< 10	25	0.5	< 2	< 4
012867	W	< 2	13	247	44	6	8.0	7	4	35	< 10	49	3.1	1	< 4
012868	W	< 2	< 10	177	6	< 1	1.1	< 2	6	< 2	< 10	38	0.4	< 2	< 4
012870	W	< 2	< 10	93	48	< 1	11.2	< 2	4	< 2	< 10	23	5.1	13	< 4
012871	W	2	< 10	140	96	< 1	105.1	< 2	4	4	< 10	17	52.1	13	< 4
012872	W	< 2	< 10	299	31	< 1	19.6	< 2	4	< 2	< 10	85	10.3	9	< 4
012873	W	< 2	10	592	30	< 1	26.8	4	4	< 2	< 10	45	14.3	< 2	< 4
012874	W	< 2	18	38	100	< 1	114.6	< 2	4	9	< 10	29	37.0	2	< 4
012875	W	< 2	< 10	571	12	< 1	3.0	3	4	12	< 10	45	1.5	< 2	< 4
012876	W	< 2	< 10	41	125	< 1	124.1	< 2	4	5	< 10	10	11.7	2	< 4
012877	W	< 2	< 10	154	58	3	8.9	< 2	4	< 2	< 10	66	3.8	20	< 4
012878	W	< 2	13	37	79	< 1	154.9	< 2	4	4	< 10	14	5.6	3	5
012879	W	< 2	18	26	75	< 1	98.7	< 2	4	< 2	< 10	5	3.0	< 2	< 4
012881	W	< 2	11	71	71	< 1	69.3	< 2	4	< 2	< 10	22	31.5	< 2	< 4
012882	W	< 2	< 10	150	70	< 1	127.0	2	4	2	< 10	14	59.6	2	10

ANALYTICAL RESULTS - WELL WATER — PAGE 4 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
012794	W	56.5	< 4	< 40			< 1			2	< 4		2	12	2
012799	W	39.6	17	< 40			< 1		< 2		< 4		1	5	< 2
012800	W	78.0	5	< 40			< 1		< 2		< 4	<	1	6125	< 2
012801	W	34.7	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012802	W	222.3	5	40			< 1		< 2		< 4	<	1	< 4	< 2
012803	W	209.8	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012804	W	51.1	< 4	< 40			< 1		< 2		< 4	<	1	< 4	2
012805	W	232.8	< 4	< 40			< 1		< 2		< 4	<	1	52	< 2
012808	W	145.6	< 4	< 40			< 1		< 2		< 4	<	1	9	< 2
012809	W	18.1	5	< 40			< 1		< 2		< 4		1	127	< 2
012835	W	263.0	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012836	W	258.7	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012838	W	278.1	< 4	< 40			< 1		< 2		< 4	<	1	9	< 2
012839	W	222.2	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012840	W	299.3	< 4	< 40			< 1		< 2		< 4	<	1	18	< 2
012841	W	30.8	< 4	< 40			< 1		< 2		< 4	<	1	80	< 2
012842	W	251.8	< 4	< 40			< 1		< 2		< 4	<	1	13	< 2
012843	W	228.6	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012844	W	249.2	4	< 40			< 1		< 2		< 4	<	1	13	< 2
012845	W	264.2	7	203			< 1		< 2		< 4	<	1	2031	< 2
012846	W	232.2	< 4	< 40			< 1		< 2		< 4	<	1	45	< 2
012847	W	269.2	< 4	< 40			< 1		< 2		< 4	<	1	22	< 2
012849	W	115.8	4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012850	W	23.0	10	< 40			< 1		< 2		< 4		1	18	< 2
012851	W	427.3	< 4	186			< 1		< 2		< 4	<	1	20	< 2
012852	W	300.4	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012853	W	289.9	< 4	< 40			< 1		< 2		< 4	<	1	328	< 2
012854	W	269.1	< 4	< 40			< 1		< 2		< 4	<	1	14	< 2
012855	W	189.6	< 4	< 40			< 1		< 2		7		1	14	< 2
012856	W	35.3	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012857	W	216.5	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012858	W	143.6	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012859	W	67.1	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012860	W	64.4	< 4	< 40			< 1		< 2		< 4	<	1	209	< 2
012861	W	18.7	< 4	< 40			< 1		< 2		< 4	<	1	15	2
012862	W	67.8	< 4	< 40			< 1		< 2		< 4	<	1	41	2
012863	W	119.5	4	< 40			< 1		< 2		< 4	<	1	110	< 2
012864	W	262.5	< 4	< 40			< 1		< 2		< 4	<	1	30	< 2
012865	W	177.0	< 4	< 40			< 1		< 2		< 4	<	1	< 4	< 2
012866	W	190.8	6	< 40			< 1		< 2		< 4	<	1	31	< 2
012867	W	227.8	< 4	< 40		5	< 1		< 2		5		6	49	< 2
012868	W	192.3	5	< 40			< 1		< 2		6		1	4	< 2
012870	W	120.8	< 4	< 40			< 1		< 2		< 4	<	1	106	< 2
012871	W	85.2	< 4	< 40			< 1		< 2		< 4	<	1	544	2
012872	W	215.7	< 4	< 40			< 1		< 2		< 4	<	1	52	< 2
012873	W	221.0	< 4	< 40			< 1		< 2		< 4	<	1	296	< 2
012874	W	45.2	< 4	< 40			< 1		< 2		< 4	<	1	277	< 2
012875	W	324.9	< 4	< 40			< 1		< 2		< 4	<	1	44	< 2
012876	W	20.0	< 4	< 40			< 1		< 2		< 4		1	114	2
012877	W	360.2	< 4	< 40		2	< 1		< 2		< 4		3	102	< 2
012878	W	149.1	5	< 40			< 1		< 2		< 4		1	392	2
012879	W	22.0	< 4	< 40			< 1		< 2		< 4	<	1	51	< 2
012881	W	150.8	5	< 40			< 1		< 2		< 4	<	1	25	< 2
012882	W	42.0	< 4	< 40			< 1		< 2		< 4	<	1	25	< 2

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SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAM
012883	W	254	264	<5	7.2		5.4	580		54	< 0.5	0.2		3.77		013
012884	W	230	230	<5	7.4		4.0	450		7	1.1	< 0.2		0.21		013
012885	W	326	310	<5	7.2		4.7	1830		35	< 0.5	< 0.2		6.27		013
012898	W	892	844	61	8.7		3.1	3040		17	< 0.5	0.5	<	0.20		013
012899	W	106	104	<5	6.3		7.2		470	< 5	< 0.5	< 0.2	<	0.20		013
012900	W	310	300	<5	7.0		6.0	1360		12	< 0.5	< 0.2		1.07		013
012901	W	285	300	44	8.9		3.5	1680		8	< 0.5	0.3	<	0.20		013
012902	W	246	250	<5	7.0		4.8	770		19	< 0.5	< 0.2		1.43		013
012903	W	280	275	<5	7.5		5.2	610		10	< 0.5	< 0.2		0.74		013
012904	W	946	950	<5	8.2		1.9		4000	7	< 0.5	0.4	<	0.20		013
012905	W	400	418	50	8.8		3.2	2100		44	< 0.5	< 0.2	<	0.20		013
012906	W	194	196	<5	7.7		2.7	510		7	1.8	< 0.2		0.79		013
012907	W	175	175	<5	8.1		9.4	580		53	< 0.5	0.3		0.87		013
012908	W	33	30	<5	5.7		2.1	420		9	< 0.5	< 0.2	<	0.20		013
012909	W	342	336	24	8.2		2.9	1590		177	< 0.5	0.2	<	0.20		013
012910	W	290	284	<5	7.2		8.3	630		28	< 0.5	0.5		0.97		013
012912	W	490	510	40	9.1		4.7	1830		15	< 0.5	0.2	<	0.20		013
012913	W	100	100	<5	6.4		6.0	760		10	< 0.5	< 0.2	<	0.20		013
012914	W	365	360	20	8.7		6.0	1880		222	< 0.5	< 0.2	<	0.20		013
012931	W	64	64	<5	6.7		7.0	920		72	< 0.5	< 0.2	<	0.20		013
012934	W	310	310	<5	8.0		6.7	930		16	< 0.5	0.2		1.23		013
012935	W	130	130	<5	6.9		5.1	720		6	0.6	< 0.2	<	0.20		013
012936	W	39	36	<5	6.2		5.9	570		10	< 0.5	< 0.2	<	0.20		013
012937	W	98	96	<5	7.9		4.1	590	<	5	< 0.5	< 0.2		0.29		013
012938	W	380	365	20	9.2		6.1	1790		210	< 0.5	< 0.2	<	0.20		013
012939	W	470	465	22	8.7		3.8	2020		205	< 0.5	< 0.2	<	0.20		013
012940	W	672	684	24	9.1		4.4	1720		70	< 0.5	0.3	<	0.20		013
012965	W	300	310	14	8.5		2.5	1010		45	< 0.5	< 0.2	<	0.20		013
012966	W	305	320	<5	7.5		5.5	710		37	< 0.5	0.5		3.67		013
012967	W	210	200	<5	7.6		7.5	1040		75	< 0.5	< 0.2		0.76		013
012968	W	395	395	<5	7.5		4.1	800		74	< 0.5	0.3		0.93		013
012969	W	260	250	<5	7.1		3.2	580		13	< 0.5	< 0.2		0.67		013
012970	W	262	262	<5	7.7		6.7	4480		590	< 0.5	< 0.2		2.46		013
012971	W	362	364	<5	7.5		5.2	1290		62	< 0.5	0.2		7.00		013
012972	W	324	330	<5	5.0		1.3	550		16	< 0.5	0.5		3.28		013
012973	W	370	370	<5	5.5		1.3	660		20	< 0.5	< 0.2		4.91		013
012974	W	114	112	<5	5.7		1.2	300		< 5	1.1	< 0.2	<	0.20		013
012975	W	387	385	12	8.6		5.6	1600		150	< 0.5	0.5	<	0.20		013
012976	W	224	230	<5	7.6		5.1	700		50	< 0.5	0.2		0.94		013
012977	W	230	216	<5	8.2		4.4	720		69	< 0.5	< 0.2		1.90		013
012978	W	355	344	18	9.4		6.0	1430		111	< 0.5	< 0.2	<	0.20		013
012979	W	198	198	<5	8.7		8.2	580		24	< 0.5	0.2		0.92		013
012980	W	300	300	<5	8.0		5.8	750		36	< 0.5	0.3		1.38		013
012981	W	165	175	<5	7.0		4.6	550		38	< 0.5	< 0.2		1.06		013
012982	W	145	146	<5	6.9		2.5	780		40	< 0.5	< 0.2		1.32		013
012983	W	396	390	28	8.3		5.7	1750		187	< 0.5	< 0.2	<	0.20		013
012984	W	280	270	<5	6.9		3.8	820		36	< 0.5	< 0.2		1.17		013
012985	W	380	380	<5	6.9		4.9	1200		208	< 0.5	0.9		10.98		013
012989	W	270	260	56	9.3		4.7	940		46	< 0.5	0.3		3.61		013
012990	W	472	470	80	9.4		4.1	1150		82	< 0.5	0.3		0.33		013
012991	W	464	460	58	9.3		3.6	1200		102	< 0.5	0.3		0.59		013
012992	W	175	165	<5	7.2		4.3	830		75	< 0.5	< 0.2		0.45		013
012993	W	110	110	<5	7.1		3.5	570		44	< 0.5	< 0.2	<	0.20		013
012996	W	398	400	<5	6.7		8.7	1710		396	< 0.5	0.3		0.45		013

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SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SAMI
012883	W	< 2	< 10	41	57	< 1	88.8	2	4	< 2	< 10	13	10.5	< 2	7	013
012884	W	< 2	12	35	153	< 1	63.9	< 2	< 4	< 2	< 10	10	13.1	356	< 4	013
012885	W	< 2	13	48	219	< 1	166.7	< 2	< 4	< 2	< 10	15	61.9	11	< 4	013
012898	W	< 2	< 10	4300	11	< 1	3.2	< 2	< 4	< 2	10	49	1.5	18	< 4	013
012899	W	< 2	< 10	22	64	< 1	17.1	< 2	< 4	10	< 10	13	3.7	< 2	< 4	013
012900	W	< 2	< 10	145	310	< 1	149.0	< 2	< 4	6	< 10	30	14.8	9	< 4	013
012901	W	< 2	< 10	3969	4	< 1	1.3	< 2	< 4	< 2	< 10	33	0.4	< 2	< 4	013
012902	W	< 2	< 10	36	199	< 1	116.3	< 2	< 4	127	< 10	7	4.1	7	< 4	013
012903	W	< 2	< 10	24	70	< 1	105.5	< 2	< 4	2	< 10	7	1.2	< 2	< 4	013
012904	W	< 2	< 10	4505	21	< 1	11.2	< 2	< 4	3	< 10	95	2.9	< 2	4	013
012905	W	< 2	< 10	1256	3	< 1	0.9	< 2	< 4	< 2	< 10	20	0.3	< 2	4	013
012906	W	< 2	< 10	40	64	< 1	66.4	< 2	< 4	4	11	2	5.8	< 2	< 4	013
012907	W	< 2	< 10	216	19	< 1	42.3	< 2	< 4	< 2	< 10	7	1.8	< 2	< 4	013
012908	W	< 2	< 10	27	72	< 1	16.3	2	4	< 2	< 10	5	2.7	205	< 4	013
012909	W	< 2	< 10	970	2	< 1	0.7	< 2	< 4	< 2	26	17	0.1	6	< 4	013
012910	W	< 2	< 10	30	74	< 1	117.1	< 2	< 4	< 2	< 10	7	1.7	15	< 4	013
012912	W	< 2	< 10	3757	5	< 1	2.1	< 2	< 4	< 2	< 10	36	0.5	< 2	< 4	013
012913	W	< 2	< 10	12	306	< 1	40.0	< 2	< 4	23	< 10	10	14.0	5	< 4	013
012914	W	< 2	< 10	1108	6	< 1	1.0	< 2	< 4	< 2	78	19	0.3	3	< 4	013
012931	W	< 2	< 10	28	304	< 1	67.6	2	5	< 2	< 10	13	22.4	7	4	013
012934	W	< 2	< 10	72	288	< 1	94.1	< 2	< 4	6	< 10	24	13.9	2	< 4	013
012935	W	< 2	< 10	28	155	< 1	42.1	< 2	< 4	17	< 10	15	6.2	2	< 4	013
012936	W	< 2	< 10	21	160	< 1	32.0	< 2	< 4	14	< 10	5	9.7	9	< 4	013
012937	W	< 2	< 10	30	245	< 1	54.4	< 2	< 4	< 2	< 10	11	4.9	92	6	013
012938	W	< 2	< 10	1140	4	< 1	0.8	< 2	4	2	76	17	0.2	4	5	013
012939	W	< 2	< 10	1290	< 2	< 1	0.4	< 2	< 4	< 2	< 10	18	0.1	< 2	< 4	013
012940	W	< 2	< 10	2730	< 2	< 1	0.8	< 2	< 4	< 2	< 10	20	0.3	< 2	< 4	013
012965	W	< 2	< 10	531	< 2	< 1	0.3	< 2	< 4	< 2	< 10	12	0.1	3	< 4	013
012966	W	< 2	< 10	127	99	< 1	66.0	2	< 4	< 2	< 10	34	7.6	< 2	4	013
012967	W	< 2		224	66	< 1	101.1	3	< 4	< 2	< 10	15	7.8	6	< 4	013
012968	W	< 2	< 10	51	53	< 1	83.3	< 2	< 4	< 2	< 10	7	1.7	< 2	< 4	013
012969	W	2	< 10	22	53	< 1	93.3	< 2	< 4	< 2	< 10	5	1.7	< 2	< 4	013
012970	W	3	21	407	34	< 1	260.8	< 2	< 4	< 2	< 10	63	35.8	3	4	013
012971	W	< 2	< 10	80	93	< 1	90.3	< 2	< 4	< 2	< 10	35	13.7	< 2	4	013
012972	W	< 2	< 10	37	283	< 1	78.0	< 2	< 4	< 2	< 10	15	5.5	< 2	4	013
012973	W	< 2	< 10	147	117	< 1	49.7	< 2	< 4	< 2	< 10	33	8.7	< 2	< 4	013
012974	W	< 2	29	29	51	< 1	36.1	< 2	< 4	2	201	3	3.8	< 2	7	013
012975	W	< 2	< 10	1059	2	< 1	0.5	< 2	< 4	< 2	22	17	0.2	< 2	< 4	013
012976	W	< 2	< 10	46	71	< 1	97.8	< 2	< 4	< 2	< 10	6	2.9	< 2	< 4	013
012977	W	< 2	< 10	48	37	< 1	90.8	< 2	< 4	< 2	< 10	14	4.7	< 2	< 4	013
012978	W	< 2	< 10	926	< 2	< 1	0.4	< 2	< 4	< 2	< 10	15	0.1	< 2	< 4	013
012979	W	< 2	10	45	31	< 1	75.0	< 2	< 4	< 2	< 10	9	3.5	< 2	< 4	013
012980	W	< 2	< 10	28	70	< 1	116.4	< 2	< 4	< 2	< 10	7	1.9	< 2	< 4	013
012981	W	< 2	< 10	76	26	< 1	66.0	< 2	< 4	2	15	9	2.3	< 2	< 4	013
012982	W	< 2	< 10	76	63	< 1	133.2	< 2	< 4	< 2	< 10	11	2.5	< 2	< 4	013
012983	W	< 2	< 10	1183	3	< 1	0.6	< 2	< 4	< 2	79	21	0.2	3	< 4	013
012984	W	< 2	17	47	165	< 1	126.6	< 2	< 4	< 2	< 10	7	3.4	< 2	< 4	013
012985	W	< 2	< 10	289	15	< 1	58.6	< 2	< 4	< 2	< 10	66	14.6	< 2	< 4	013
012989	W	< 2	< 10	582	5	< 1	0.9	< 2	4	8	< 10	18	0.2	2	< 4	013
012990	W	< 2	< 10	680	3	< 1	1.1	< 2	< 4	< 2	< 10	18	0.1	< 2	< 4	013
012991	W	< 2	< 10	817	4	< 1	0.8	3	< 4	< 2	< 10	19	0.2	< 2	< 4	013
012992	W	< 2	< 10	45	7	< 1	114.4	4	< 4	< 2	< 10	15	19.5	30	< 4	013
012993	W	< 2	< 10	50	8	< 1	89.4	3	< 4	< 2	< 10	24	9.0	610	< 4	013
012996	W	< 2	< 10	53	19	< 1	211.3	< 2	7	< 2	< 10	24	50.3	246	5	013

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SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
012883	W	13.1		6	< 40			< 1		< 2	< 4	< 1		21	2
012884	W	15.2	< 4	<	40			< 1		< 2	< 4	< 1		28	< 2
012885	W	142.4	< 4	<	40			< 1		< 2	< 4	< 1		17	< 2
012898	W	553.0	< 4	<	40			< 1		< 2	< 4	< 1		4	< 2
012899	W	42.5	< 4	<	40			< 1		< 2	< 4	< 1		24	< 2
012900	W	95.0	< 4	<	40			< 1		< 2	< 4	< 1		486	< 2
012901	W	358.8	< 4	<	40			< 1		< 2	< 4	< 1		14	< 2
012902	W	19.3	< 4	<	40			< 1		< 2	< 4	< 1		1077	< 2
012903	W	11.1	7	<	40			< 1		< 2	5	< 1		218	2
012904	W	714.1	< 4	<	40			< 1		< 2	< 4	< 1		70	< 2
012905	W	352.4	< 4		63			< 1		< 2	< 4	< 1		4	< 2
012906	W	31.0	7		614			< 1		< 2	4	< 1		88	< 2
012907	W	83.6	5	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012908	W	11.4	4	<	40			< 1		< 2	< 4	< 1		12	< 2
012909	W	310.1	< 4		256			< 1		< 2	< 4	< 1	<	4	< 2
012910	W	11.5	< 4	<	40			< 1		< 2	< 4	< 1		15	< 2
012912	W	378.4	< 4		53			< 1		< 2	< 4	< 1	<	4	< 2
012913	W	78.7	< 4	<	40			< 1		< 2	< 4	< 1		23	< 2
012914	W	320.5	< 4		174			< 1		< 2	< 4	< 1		8	< 2
012931	W	48.2	10	<	40			< 1		< 2	< 4			60	< 2
012934	W	47.1	6	<	40			< 1		< 2	4	< 1		44	< 2
012935	W	69.0	8		107			< 1		< 2	< 4	< 1		25	< 2
012936	W	9.4	< 4	<	40			< 1		< 2	< 4	< 1		60	2
012937	W	17.0	6	<	40			< 1		< 2	< 4			66	3
012938	W	283.6	< 4		259			< 1		< 2	< 4			24	< 2
012939	W	306.7	< 4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012940	W	323.6	< 4		167			< 1		< 2	< 4	< 1		32	< 2
012965	W	166.0	< 4		753			< 1		< 2	< 4	< 1	<	4	< 2
012966	W	51.5	< 4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012967	W	67.4	6	<	40			< 1		< 2	< 4	< 1		708	3
012968	W	92.3	< 4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012969	W	4.9	< 4	<	40			< 1		< 2	< 4	< 1	<	4	3
012970	W	444.8	8	<	40			< 1		5	8			398	5
012971	W	78.7	4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012972	W	14.2	6	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012973	W	88.2	< 4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012974	W	7.7	< 4		76			< 1		8	< 4	< 1		19	< 2
012975	W	282.8	< 4		371			< 1		< 2	< 4	< 1	<	4	< 2
012976	W	21.9	< 4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012977	W	40.3	< 4	<	40			< 1		< 2	< 4	< 1		9	< 2
012978	W	243.2	< 4		436			< 1		< 2	< 4	< 1	<	4	< 2
012979	W	9.1	< 4	<	40			< 1		< 2	< 4	< 1		20	< 2
012980	W	15.8	7	<	40			< 1		< 2	< 4	< 1		15	< 2
012981	W	16.1	4	<	40			< 1		< 2	6	< 1		71	< 2
012982	W	14.8	7	<	40			< 1		< 2	4			9	2
012983	W	327.5	< 4		316			< 1		< 2	< 4	< 1	<	4	< 2
012984	W	24.4	7	<	40			< 1		< 2	< 4			14	2
012985	W	213.9	4	<	40			< 1		< 2	< 4	< 1	<	4	< 2
012989	W	211.6	< 4	<	40			< 1		< 2	< 4	< 1		7	< 2
012990	W	232.1	< 4	<	40			< 1		< 2	< 4	< 1		72	< 2
012991	W	230.4	< 4	<	40			< 1		< 2	< 4			5	< 2
012992	W	12.9	10	<	40			< 1		< 2	< 4	< 1		240	4
012993	W	50.1	12	<	40			< 1		< 2	< 4	< 1		368	2
012996	W	45.9	< 4	<	40			< 1		2	< 4			751	< 2

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ANALYTICAL RESULTS - WELL WATER — PAGE 6 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
012998	W	458	451	<5	6.5		5.2	1530		115	0.5	0.4		86.54		01
012999	W	591	583	<5	6.8		5.2	1420		89	< 0.5	0.2		24.17		01
013000	W	92	90	<5	7.2		7.9	410		< 5	< 0.5	< 0.2	< 0.020			01
013004	W	520	508	58	8.7		5.0	810		74	< 0.5	0.3		< 0.20		01
013009	W	400	386	62	9.3		9.7	990		123	< 0.5	0.3		< 0.25		01
013010	W	302	288	76	9.7		1.7	915		50	3.9	5.3		< 0.20		01
013011	W	421	400	78	9.0		3.9	1100		21	< 0.5	0.2		< 0.20		01
013012	W	338	328	49	9.0		5.1	1050		42	< 0.5	0.2		0.40		01
013013	W	37	39	<5	5.1		6.9	395		122	< 0.5	0.3		< 0.20		01
013015	W	596	564	40	8.5		4.1	810		11	< 0.5	0.2		< 0.20		01
013016	W	215	198	23	8.7		3.1	520		86	< 0.5	< 0.2		< 0.20		01
013020	W	455	464	<5	7.1		6.2	1340		53	< 0.5	0.3		0.87		01
013021	W	680	678	80	8.5		10.8	1750		92	< 0.5	0.6		< 0.20		01
013023	W	893	858	113	9.0		3.1	1440		51	< 0.5	0.7		< 0.20		01
013028	W	194	196	36	8.9		2.2	870		116	< 0.5	0.2		< 0.20		01
013029	W	648	674	<5	7.0		4.7	8830		2550	< 0.5	0.7		48.60		01
013031	W	383	350	<5	7.2		6.1	795		15	< 0.5	0.4		2.13		01
013032	W	240	229	<5	7.1		6.3	670		56	0.8	0.3		19.31		01
013033	W	172	160	<5	8.0		5.0	600		40	2.1	0.2		2.51		01
013035	W	273	274	<5	7.0		3.2	550		16	0.5	< 0.2		3.40		01
013038	W	351	349	<5	7.2		6.5	660		9	< 0.5	0.2		3.53		01
013040	W	105	104	<5	7.9		9.7	420		65	1.4	< 0.2		5.63		01
013043	W	307	304	<5	7.3		0.6	1900		265	1.5	0.2		30.69		01
013045	W	255	252	<5	7.3		4.1	1290		85	1.2	0.2		7.36		01
013058	W	84	79	<5	7.1		3.8	910		182	1.1	0.2		0.68		01
013059	W	246	228	<5	7.0		4.2	1040		28	1.8	< 0.2		1.01		01
013061	W	308	290	<5	7.3		7.3	610		33	0.5	< 0.2		1.88		01
013062	W	514	496	<5	7.2		5.3	740		24	1.0	0.3		1.68		01
013063	W	138	134	<5	7.7		5.5	425		69	1.2	< 0.2		0.90		01
013064	W	297	286	<5	7.7		2.0	770		69	< 0.5	0.3		1.78		01
013065	W	338	323	<5	7.1		5.4	810		53	< 0.5	0.3		4.45		01
013066	W	250	236	29	8.1		4.7	800		57	< 0.5	0.3		0.87		01
013067	W	272	263	<5	7.8		5.9	1190		182	2.2	0.7		14.97		01
013068	W	292	296	<5	7.1		4.1	580		44	0.5	0.3		1.86		01
013070	W	394	376	<5	7.1		2.1	1060		110	20.2	0.3		6.72		01
013071	W	139	142	<5	7.7		4.7	370		28	11.5	0.2		0.73		01
013076	W	72	76	<5	6.7		3.9	275		8	< 0.5	< 0.2		< 0.20		01
013077	W	40	43	<5	6.1		7.4	295		7	< 0.5	< 0.2		< 0.20		01
013078	W	282	282	<5	7.3		3.3	835		11	< 0.5	< 0.2		< 0.20		01
013079	W	536	542	111	9.4		3.5	1030		52	< 0.5	0.6		0.64		01
013080	W	574	545	104	9.3		2.5	1040		44	< 0.5	0.3		< 0.20		01
013081	W	480	513	108	9.2		4.5	990		32	< 0.5	0.3		0.57		01
013082	W	497	526	99	9.2		3.3	1040		49	< 0.5	0.3		0.83		01
013083	W	48	50	<5	6.5		8.3	270		< 5	< 0.5	< 0.2		< 0.20		01
013085	W	530	568	104	9.1		4.5	1260		85	0.5	0.3		1.13		01
013086	W	32	30	<5	6.8		6.3	230		5	< 0.5	< 0.2		< 0.20		01
013087	W	114	120	<5	6.9		7.6	345		< 5	< 0.5	< 0.2		0.38		01
013094	W	414	424	114	9.0		5.2	850		24	< 0.5	0.2		< 0.20		01
013095	W	530	516	98	9.2		2.9	1040		43	< 0.5	0.3		0.60		01
013103	W	489	445	123	9.2		1.7	1050		39	< 0.5	0.2		0.90		01
013104	W	526	516	84	9.0		3.7	1630		84	< 0.5	0.2		< 0.20		01
013105	W	502	482	90	9.1		1.5	1330		94	< 0.5	< 0.2		0.24		01
013106	W	530	518	95	8.9		5.1	1365		89	< 0.5	0.3		< 0.20		01
013107	W	452	470	106	9.1		8.0	1050		80	< 0.5	0.2		0.25		01

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	S
012998	W	< 2	< 10	45	58	< 1	133.5	< 2	< 4	< 2	< 10	13	35.3	8	< 4	0
012999	W	< 2	< 10	62	199	< 1	103.9	< 2	< 4	< 2	< 10	17	52.2	2	< 4	0
013000	W	< 2	< 10	34	< 2	< 1	25.5	< 2	< 4	3	< 10	13	6.0	< 2	< 4	0
013004	W	< 2	< 10	593	< 2	< 1	0.3	3	< 4	< 2	< 10	9	0.1	< 6	< 4	0
013009	W	< 2	< 10	142	7	< 1	1.7	< 2	< 4	< 2	< 10	20	0.4	< 2	< 4	0
013010	W	< 2	< 10	179	3	< 1	0.8	3	< 4	< 2	< 10	24	0.2	< 2	< 4	0
013011	W	< 2	< 10	127	2	< 1	1.0	< 2	< 4	< 2	< 10	22	0.2	< 2	< 4	0
013012	W	< 2	< 10	327	< 2	< 1	0.7	< 2	< 4	< 2	< 10	14	0.1	< 2	< 4	0
013013	W	< 2	10	7	60	< 1	23.4	< 2	< 4	9	13	19	7.0	18	< 4	0
013015	W	< 2	< 10	659	2	< 1	2.3	5	< 4	< 2	< 10	12	0.8	4	< 4	0
013016	W	< 2	< 10	122	< 2	< 1	0.1	< 2	< 4	< 2	< 10	8	< 0.1	< 2	< 4	0
013020	W	< 2	17	96	20	< 1	169.0	< 2	< 4	< 4	< 10	91	37.5	4	< 4	0
013021	W	< 2	< 10	788	8	< 1	1.3	< 2	< 4	< 2	< 10	19	0.5	< 2	< 4	0
013023	W	< 2	28	3120	< 2	< 1	0.3	< 2	< 4	< 2	< 10	16	0.1	< 2	< 4	0
013028	W	< 2	< 10	250	6	< 1	3.8	< 2	< 4	< 2	< 10	15	0.6	2	< 4	0
013029	W	6	39	2180	16	< 1	297.7	3	< 4	11	25	1441	21.9	252	< 4	0
013031	W	< 2	< 10	61	124	< 1	105.1	< 2	< 4	< 2	< 10	12	4.2	5	< 4	0
013032	W	2	< 10	75	104	< 1	79.7	< 2	< 4	< 4	< 10	10	2.9	3	< 4	0
013033	W	< 2	< 10	136	42	1	40.3	2	< 4	< 2	< 10	16	3.9	< 2	< 4	0
013035	W	< 2	< 10	51	59	< 1	82.0	< 2	< 4	< 2	< 10	11	3.7	< 2	< 4	0
013038	W	< 2	< 10	82	148	< 1	34.6	< 2	< 4	< 2	< 10	24	13.8	< 2	8	0
013040	W	< 2	< 10	70	26	< 1	37.5	< 2	< 4	< 2	< 10	15	2.3	< 2	7	0
013043	W	< 2	< 10	230	72	< 1	145.0	< 2	< 4	< 2	< 10	72	14.9	< 2	13	0
013045	W	< 2	< 10	58	138	< 1	143.1	< 2	< 4	< 2	< 10	18	9.3	< 2	< 4	0
013058	W	< 2	< 10	51	17	< 1	56.2	2	< 4	< 2	< 10	12	13.4	< 2	< 4	0
013059	W	< 2	< 10	53	250	< 1	140.9	5	9	< 2	< 10	20	5.2	< 2	10	0
013061	W	< 2	12	32	104	< 1	105.9	2	< 4	329	< 10	17	4.0	4	< 4	0
013062	W	< 2	19	78	168	< 1	65.2	< 2	< 4	< 2	< 10	24	10.3	5	5	0
013063	W	< 2	15	83	25	< 1	62.5	< 2	5	< 2	< 10	13	6.6	< 2	8	0
013064	W	3	< 10	190	33	< 1	91.6	< 2	< 4	< 2	< 10	9	6.6	< 2	< 4	0
013065	W	< 2	< 10	68	120	< 1	104.8	< 2	< 4	< 2	< 10	17	7.2	< 2	< 4	0
013066	W	< 2	32	73	77	< 1	109.5	< 2	< 4	< 2	< 10	9	2.9	37	< 4	0
013067	W	< 2	< 10	209	34	1	85.0	< 2	< 4	< 2	< 10	48	10.7	< 2	5	0
013068	W	< 2	< 10	45	71	< 1	89.9	< 2	< 4	< 2	< 10	9	2.7	< 2	< 4	0
013070	W	< 2	< 10	68	101	< 1	149.9	2	< 4	< 2	< 10	16	7.4	< 2	< 4	0
013071	W	< 2	11	57	24	< 1	36.1	< 2	< 4	< 2	< 10	3	3.1	< 2	< 4	0
013076	W	< 2	< 10	26	34	< 1	13.8	2	< 4	5	< 10	2	5.7	7	< 4	0
013077	W	< 2	< 10	21	54	< 1	12.0	< 2	< 4	9	< 10	2	4.9	7	< 4	0
013078	W	< 2	< 10	301	33	< 1	62.9	< 2	< 4	< 2	< 10	21	17.1	79	< 4	0
013079	W	< 2	< 10	1153	2	< 1	0.5	< 2	< 4	< 2	48	16	0.1	< 2	< 4	0
013080	W	< 2	< 10	1337	2	< 1	0.7	< 2	< 4	< 2	399	15	0.2	< 2	< 4	0
013081	W	< 2	< 10	1018	10	< 1	0.8	< 2	< 4	< 2	< 10	18	0.2	< 2	< 4	0
013082	W	< 2	< 10	1089	6	< 1	0.3	3	< 4	< 2	< 10	18	0.2	2	< 4	0
013083	W	< 2	< 10	24	34	< 1	10.5	< 2	< 4	< 2	< 10	3	3.2	2	< 4	0
013085	W	< 2	< 10	1838	3	< 1	0.9	< 2	< 4	< 2	< 10	18	0.3	< 2	< 4	0
013086	W	< 2	< 10	24	32	< 1	7.5	< 2	< 4	< 2	< 10	3	3.2	64	< 4	0
013087	W	< 2	< 10	26	23	< 1	52.3	< 2	< 4	< 2	< 10	5	2.8	16	< 4	0
013094	W	< 2	< 10	300	4	< 1	0.8	< 2	< 4	< 2	< 10	13	0.2	< 2	6	0
013095	W	< 2	< 10	651	21	< 1	0.6	< 2	< 4	< 2	< 10	15	0.1	< 2	< 4	0
013103	W	< 2	< 10	811	13	< 1	0.5	< 2	< 4	< 2	< 10	16	0.1	< 2	< 4	0
013104	W	< 2	< 10	2049	4	< 1	0.9	< 2	< 4	< 2	< 10	13	0.2	< 2	< 4	0
013105	W	< 2	< 10	1490	4	< 1	1.5	< 2	< 4	< 2	< 10	15	0.9	< 2	< 4	0
013106	W	< 2	< 10	2112	< 4	< 1	0.8	< 2	< 4	< 2	< 10	13	0.2	< 2	< 4	0
013107	W	< 2	< 10	724	5	< 1	0.6	< 2	< 4	< 2	< 10	14	0.1	< 2	< 4	0

[redacted] C 2 [redacted]

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
012998	W	85.0		20	< 40			<		< 2		< 4	<	57	< 2	01
012999	W	50.5		46	< 40			<		< 2		< 4	<	23	< 2	01
013000	W	10.4	<	4	< 40			<		< 2		< 4	<	< 4	< 2	01
013004	W	185.8		6	415			<		< 2		< 4	<	62	< 2	01
013009	W	176.9	<	4	< 40			<		< 2		< 4	<	< 4	< 2	01
013010	W	150.3	<	4	< 40			<		< 2		< 4	<	4	< 2	01
013011	W	173.9		4	< 40			<		< 2		< 4	<	12	< 2	01
013012	W	175.5	<	4	< 40			<		< 2		< 4		20	< 2	01
013013	W	31.7		13	< 40			<		< 2		< 4	<	235	< 2	01
013015	W	189.8	<	4	< 40			<		< 2		< 4	<	14	< 2	01
013016	W	108.5		6	328			<		< 2		< 4	<	<	< 2	01
013020	W	61.3	<	4	< 40			<		< 3		< 4	<	35	4	01
013021	W	290.3	<	4	< 40			<		< 2		< 4	<	< 4	< 2	01
013023	W	318.1	<	4	302			<		< 2		< 4	<	< 4	< 2	01
013028	W	195.1	<	4	< 40			<		< 2		< 4	<	34	< 2	01
013029	W	640.1		4	< 40			<		< 6		< 4	<	1455	7	01
013031	W	78.8	<	4	< 40			<		< 2		< 4	<	133	< 2	01
013032	W	64.7	<	4	100			<		< 2		5	<	543	5	01
013033	W	85.9	<	4	207			<		< 2		35		12	< 2	01
013035	W	15.7		4	< 40			<		< 2		< 4	<	< 4	< 2	01
013038	W	50.6	<	4	< 40			<		< 2		< 4	<	< 4	< 2	01
013040	W	47.0	<	4	< 40			<		< 2		7	<	140	< 2	01
013043	W	178.2		6	< 40			<		< 2		12		< 4	< 2	01
013045	W	110.4		4	163			<		< 2		4	<	88	< 2	01
013058	W	108.6	<	4	< 40			<		< 2		6	<	163	< 2	01
013059	W	31.1		7	< 40			<		< 2		7		12	2	01
013061	W	33.2	<	4	< 40			<		< 2	<	4		203	< 2	01
013062	W	55.7		8	< 40			<		< 2	<	4	<	< 4	< 2	01
013063	W	16.1	<	4	505			<		< 2		15	<	20	4	01
013064	W	61.2		5	< 40			<		< 2	<	4		< 4	4	01
013065	W	40.2		4	< 40			<		< 2	<	4	<	< 4	< 2	01
013066	W	54.0	<	4	< 40			<		< 2	<	4	<	521	< 2	01
013067	W	181.2	<	4	182			<		< 2		31		5	< 2	01
013068	W	42.6	<	4	< 40			<		< 2	<	4	<	4	< 2	01
013070	W	88.5		5	1230			<		< 2		7	<	< 4	< 2	01
013071	W	32.4	<	4	298			<		< 2		15	<	< 4	< 2	01
013076	W	14.3		6	< 40			<		< 2	<	4	<	30	< 2	01
013077	W	19.1	<	4	< 40			<		< 2	<	4	<	53	< 2	01
013078	W	96.6		5	< 40			<		< 2	<	4	<	473	< 2	01
013079	W	254.5	<	4	< 40			<		< 2	<	4	<	11	< 2	01
013080	W	248.0	<	4	< 40			<		< 2	<	4	<	50	< 2	01
013081	W	259.5	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
013082	W	258.6	<	4	< 40			<		< 2	<	4	<	< 4	< 2	01
013083	W	14.9	<	4	< 40			<		< 2	<	4	<	35	< 2	01
013085	W	291.9	<	4	< 40			<		< 2	<	4	<	10	< 2	01
013086	W	6.2	<	4	< 40			<		< 2	<	4	<	163	< 2	01
013087	W	8.6	<	4	< 40			<		< 2	<	4	<	838	< 2	01
013094	W	157.0		17	< 40			<		< 2		4	<	< 4	< 2	01
013095	W	198.8		6	< 40			<		< 2	<	4	<	< 4	< 2	01
013103	W	209.3		40	< 40			<		< 2	<	4	<	31	< 2	01
013104	W	260.0	<	4	< 40			<		< 2	<	4	<	199	< 2	01
013105	W	247.0		7	< 40			<		< 2	<	4	<	57	< 2	01
013106	W	248.0		14	< 40			<		< 2	<	4	<	10	< 2	01
013107	W	200.3	<	4	< 40			<		< 2	<	4	<	15	< 2	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAI
013108	W	625	626	120	9.1		5.6	1630		84	< 0.5	< 0.2		1.24		01
013109	W	110	102	<5	7.1		4.4	335		8	< 0.5	< 0.2		0.22		01
013110	W	129	130	<5	6.8		0.5	660		< 5	< 0.5	< 0.2		< 0.20		01
013111	W	103	95	<5	7.4		0.5	225		6	< 0.5	< 0.2		0.38		01
013112	W	340	330	<5	7.0		0.2	2470		133	< 0.5	< 0.2		2.72		01
013114	W	483	464	56	9.0		3.6	1610		123	< 0.5	0.2		0.32		01
013115	W	428	452	94	9.3		0.7	970		33	< 0.5	0.2		0.24		01
013117	W	460	456	52	9.1		4.4	1280		70	< 0.5	0.2		0.87		01
013120	W	445	478	80	9.2		2.3	1125		41	< 0.5	0.2		1.11		10
013121	W	432	462	59	9.0		1.8	1125		42	< 0.5	< 0.2		< 0.20		10
013124	W	481	495	<5	6.8		7.8	1150		45	< 0.5	< 0.2		12.20		10
013126	W	427	400	<5	7.2		4.4	830		73	< 0.5	0.2		0.80		10
013150	W	224	226	<5	7.2		7.1	480		26	< 0.5	0.2		1.80		10
013151	W	232	240	<5	7.0		6.9	500		23	< 0.5	0.2		1.62		10
013152	W	262	256	<5	7.1		7.2	440		30	< 0.5	< 0.2		0.80		10
013153	W	260	256	<5	7.1		7.1	440		29	< 0.5	< 0.2		0.79		10
013159	W	370	355	<5	6.9		1.1	560		7	< 0.5	0.2		1.98		10
013166	W	236	232	<5	7.1		6.1	440		7	< 0.5	0.3		1.24		10
013170	W	220	226	<5	7.1		8.4	330		10	< 0.5	0.3		1.42		10
013171	W	225	220	<5	7.2		7.9	340		12	< 0.5	0.2		1.74		10
013173	W	232	230	<5	7.0		6.0	535		60	< 0.5	0.5		2.07		10
013174	W	240	234	<5	7.1		5.9	500		62	< 0.5	0.3		1.65		10
013176	W	200	185	<5	6.5		2.0	200		12	1.8	0.3		< 0.20		10
013177	W	320	310	<5	7.2		6.6	540		28	< 0.5	0.2		3.26		10
013178	W	300	290	<5	7.1		5.9	600		26	< 0.5	0.3		3.63		10
013179	W	272	265	<5	7.5		1.7	400		22	< 0.5	0.3		0.83		10
013180	W	280	268	<5	7.2		2.0	440		22	< 0.5	0.5		0.85		10
013181	W	275	270	<5	7.4		2.3	400		22	< 0.5	0.2		0.79		10
013182	W	270	262	<5	7.2		7.7	380		7	< 0.5	0.2		1.62		10
013183	W	270	265	<5	7.1		6.9	400		7	< 0.5	0.3		1.92		10
013185	W	300	292	<5	7.2		2.1	480		34	< 0.5	0.3		5.68		10
013186	W	284	275	<5	7.6		5.3	620		12	< 0.5	0.2		0.29		10
013187	W	290	288	<5	7.2		4.7	580		10	< 0.5	0.3		< 0.20		10
013188	W	286	282	<5	7.4		5.1	610		10	< 0.5	< 0.2		< 0.20		10
013189	W	320	300	<5	7.3		1.5	560		7	0.5	0.2		0.94		10
013190	W	310	295	<5	7.4		1.7	600		7	0.6	0.3		1.02		10
013191	W	180	175	<5	7.5		1.5	430		47	< 0.5	0.3		< 0.20		10
013193	W	185	175	<5	7.7		1.9	440		51	< 0.5	< 0.2		< 0.20		10
013194	W	385	370	60	9.0		5.1	920		101	< 0.5	0.2		< 0.20		10
013195	W	230	220	<5	7.1			440		43	< 0.5	< 0.2		< 0.20		10
013196	W	482	472	70	8.9		1.9	1290		113	< 0.5	0.3		< 0.20		10
013197	W	360	358	42	8.8		2.2	1910		453	< 0.5	0.2		< 0.20		10
013198	W	350	348	35	8.8		2.5	1200		122	< 0.5	0.2		< 0.20		10
013199	W	220	210	<5	7.4		3.1	600		534	< 0.5	< 0.2		< 0.20		10
013200	W	322	310	<5	7.8		2.2	580		121	< 0.5	0.3		< 0.20		10
013201	W	210	200	<5	7.5		3.2	590		121	< 0.5	< 0.2		< 0.20		10
013202	W	312	300	<5	7.7		1.5	450		< 5	< 0.5	0.4		< 0.20		10
013203	W	324	315	<5	7.1		1.9	1170		266	0.8	0.5		4.85		10
013204	W	355	350	20	8.2		4.5	118		126	< 0.5	0.2		0.36		10
013205	W	310	296	24	8.5		3.9	550		36	< 0.5	0.2		0.25		10
013206	W	140	132	<5	6.9		3.4	370		40	< 0.5	< 0.2		0.31		10
013207	W	310	295	20	8.2		4.0	600		31	< 0.5	< 0.2		0.27		10
013208	W	210	195	<5	7.6		3.0	580		115	< 0.5	< 0.2		< 0.20		10
013209	W	890	900	48	8.4		4.8	2670		179	0.5	0.5		< 0.20		10

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
013108	W	< 2	< 10	462	4	< 1	1.1	< 2	< 4	< 2	< 10	15	0.2	< 2	< 4
013109	W	< 2	< 10	23	36	< 1	41.3	< 2	8	13	< 10	4	4.0	4	< 4
013110	W	< 2	< 10	64	107	< 1	43.0	< 2	< 4	< 2	< 10	6	17.1	< 2	< 4
013111	W	< 2	< 10	28	36	< 1	34.8	< 2	< 4	< 2	< 10	< 2	3.1	< 2	< 4
013112	W	< 2	< 10	188	22	1	47.9	4	< 4	< 2	< 10	112	31.5	988	< 4
013114	W	< 2	< 10	1378	4	< 1	1.0	< 2	< 4	13	18	16	0.2	3	< 4
013115	W	< 2	< 10	400	4	< 1	0.8	2	< 4	< 2	< 10	15	0.1	4	4
013117	W	< 2	< 10	1127	17	< 1	0.7	< 2	< 4	< 2	< 10	18	0.1	2	< 4
013120	W	< 2	< 10	913	2	< 1	0.6	< 2	< 4	< 2	< 10	10	0.1	< 2	< 4
013121	W	< 2	< 10	623	24	< 1	1.7	< 2	< 4	< 2	14	16	0.2	< 2	4
013124	W	< 2	< 10	50	192	< 1	53.9	< 2	< 4	< 2	< 10	10	33.7	< 2	< 4
013126	W	< 2	< 10	48	83	< 1	79.8	< 2	5	< 2	< 10	13	23.7	148	< 4
013150	W	< 2	< 10	32	79	< 1	101.8	< 2	< 4	< 2	< 10	4	3.8	< 2	< 4
013151	W	< 2	< 10	27	75	< 1	98.4	< 2	< 4	< 2	< 10	4	3.7	< 2	< 4
013152	W	< 2	< 10	242	42	< 1	102.9	< 2	< 4	< 2	< 10	5	2.0	< 2	< 4
013153	W	< 2	< 10	241	43	< 1	103.2	< 2	7	< 2	< 10	6	2.0	< 2	< 4
013159	W	< 2	< 10	41	160	< 1	132.2	< 2	< 4	< 2	< 10	12	2.9	31	< 4
013166	W	< 2	< 10	30	150	< 1	130.5	< 2	< 4	< 2	< 10	10	2.6	15	7
013170	W	< 2	< 10	29	54	< 1	73.9	< 2	< 4	< 2	< 10	5	1.6	< 2	< 4
013171	W	< 2	< 10	29	52	< 1	85.6	< 2	< 4	< 2	< 10	5	1.5	< 2	< 4
013173	W	< 2	< 10	45	71	< 1	120.0	< 2	< 4	3	< 10	5	1.6	< 2	< 4
013174	W	< 2	< 10	43	71	< 1	121.3	< 2	< 4	< 2	< 10	4	1.6	< 2	< 4
013176	W	< 2	< 10	30	38	< 1	39.8	< 2	< 4	< 2	< 10	2	1.2	< 2	< 4
013177	W	< 2	< 10	69	80	< 1	108.2	< 2	< 4	< 2	< 10	8	2.0	4	< 4
013178	W	< 2	< 10	67	81	< 1	110.0	< 2	< 4	< 2	< 10	8	2.1	5	4
013179	W	< 2	< 10	134	76	< 1	83.5	< 2	< 4	< 2	< 10	7	4.7	< 2	< 4
013180	W	< 2	< 10	133	72	< 1	81.3	< 2	< 4	< 2	< 10	7	4.7	< 2	< 4
013181	W	< 2	< 10	133	76	< 1	83.3	< 2	< 4	< 2	< 10	7	4.8	< 2	< 4
013182	W	< 2	< 10	36	66	< 1	78.2	< 2	< 4	< 2	< 10	5	1.7	< 2	< 4
013183	W	< 2	< 10	37	67	< 1	79.7	< 2	< 4	< 2	< 10	5	1.7	< 2	< 4
013185	W	< 2	< 10	35	64	< 1	107.1	< 2	< 4	< 2	< 10	3	1.1	< 2	< 4
013186	W	< 2	< 10	35	87	< 1	121.1	< 2	< 4	3	< 10	7	2.7	< 2	< 4
013187	W	< 2	< 10	34	88	< 1	123.9	3	< 4	5	< 10	7	2.7	< 2	7
013188	W	< 2	< 10	33	87	< 1	113.8	< 2	< 4	< 2	< 10	7	2.8	< 2	< 4
013189	W	< 2	< 10	140	64	< 1	77.4	< 2	< 4	< 2	< 10	6	1.7	< 2	< 4
013190	W	< 2	< 10	143	69	< 1	84.3	< 2	< 4	< 2	< 10	6	1.8	< 2	< 4
013191	W	< 2	< 10	177	12	< 1	19.4	< 2	< 4	< 2	< 10	23	8.1	3	7
013193	W	< 2	< 10	182	13	< 1	20.0	3	< 4	< 2	< 10	22	8.2	17	4
013194	W	< 2	< 10	541	2	< 1	1.2	< 2	< 4	25	100	12	0.2	< 2	< 4
013195	W	< 2	< 10	166	5	< 1	3.3	< 2	< 4	< 2	25	18	1.6	18	< 4
013196	W	< 2	< 10	951	4	< 1	1.1	< 2	< 4	< 2	< 10	16	0.5	5	< 4
013197	W	< 2	< 10	1013	6	< 1	1.9	< 2	< 4	< 2	< 10	20	0.6	6	< 4
013198	W	< 2	< 10	951	4	< 1	1.1	< 2	< 4	< 2	< 10	17	0.4	5	< 4
013199	W	< 2	< 10	1023	6	< 1	1.8	2	< 4	< 2	< 10	20	0.6	4	< 4
013200	W	< 2	< 10	942	4	< 1	1.1	< 2	< 4	< 2	< 10	16	0.4	5	< 4
013201	W	< 2	< 10	274	< 2	< 1	7.8	3	< 4	< 2	< 10	59	6.2	313	< 4
013202	W	< 2	< 10	286	4	< 1	1.8	< 2	< 4	< 2	303	11	0.2	52	5
013203	W	< 2	< 10	147	41	< 1	145.1	< 2	< 4	< 2	< 10	24	3.6	3	< 4
013204	W	< 2	< 10	460	11	< 1	3.4	< 2	< 4	< 2	< 10	33	1.1	< 2	7
013205	W	< 2	< 10	653	< 2	< 1	1.0	< 2	< 4	< 2	< 10	9	0.1	6	< 4
013206	W	< 2	< 10	25	20	< 1	21.1	< 2	< 4	< 2	< 10	12	6.5	< 2	< 4
013207	W	< 2	< 10	647	< 2	< 1	0.9	2	< 4	< 2	16	9	0.1	8	< 4
013208	W	< 2	< 10	279	< 2	< 1	8.1	6	< 4	< 2	< 10	57	6.3	335	< 4
013209	W	< 2	< 10	4059	15	< 1	2.3	< 2	< 4	< 2	< 10	34	1.1	10	< 4

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
013108	W	261.0		< 4	< 40			<		< 2		< 4	<	7	< 2
013109	W	7.4		8	< 40			<		< 2		4		310	< 2
013110	W	53.9		28	< 40			<		< 2		< 4	<	25	< 2
013111	W	3.2		< 4	320			<		< 2		< 4	<	12	< 2
013112	W	267.6		65	< 40			<		< 2		< 4		19	< 2
013114	W	270.9		< 4	< 40			<		< 2		< 4	<	101	< 2
013115	W	191.7		< 4	< 40			<		< 2		< 4	<	11	< 2
013117	W	232.7		< 4	< 40			<		< 2		< 4	<	9	< 2
013120	W	173.0		< 4	< 40			<		< 2		< 4	<	12	< 2
013121	W	177.1		< 4	< 40			<		< 2		< 4	<	24	< 2
013124	W	51.3		< 4	< 40			<		< 2		< 4	<	11	< 2
013126	W	29.2		40	< 40			<		< 2		< 4		130	< 2
013150	W	27.3		4	< 40			<		2		< 4	<	4	3
013151	W	26.7		< 4	< 40			<		< 2		< 4	<	6	< 2
013152	W	24.2		< 4	< 40			<		< 2		< 4		98	< 2
013153	W	24.8		6	< 40			<		2		< 4		77	2
013159	W	16.0		6	< 40			<		< 2		4		1738	< 2
013166	W	12.4		6	< 40			<		< 2		< 4	<	691	< 2
013170	W	8.4		< 4	< 40			<		< 2		< 4	<	143	< 2
013171	W	7.8		< 4	< 40			<		< 2		< 4	<	12	< 2
013173	W	23.2		< 4	< 40			<		< 2		< 4	<	42	< 2
013174	W	22.2		5	< 40			<		< 2		< 4	<	33	< 2
013176	W	3.5		< 4	412			<		< 2		7	<	40	< 2
013177	W	33.9		< 4	< 40			<		< 2		< 4	<	331	< 2
013178	W	35.5		< 4	< 40			<		< 2		< 4	<	420	< 2
013179	W	28.7		6	43			<		< 2		4	<	146	< 2
013180	W	31.4		< 4	< 40			<		< 2		< 4	<	60	< 2
013181	W	30.3		< 4	< 40			<		< 2		< 4	<	59	< 2
013182	W	11.1		< 4	< 40			<		< 2		< 4	<	< 4	< 2
013183	W	11.5		< 4	< 40			<		< 2		< 4	<	< 4	< 2
013185	W	8.0		< 4	< 40			<		< 2		< 4	<	< 4	< 2
013186	W	11.0		5	< 40			<		< 2		< 4	<	7	< 2
013187	W	10.9		7	< 40			<		< 2		< 4		15	< 2
013188	W	11.2		< 4	< 40			<		< 2		< 4	<	6	< 2
013189	W	46.8		< 4	< 40			<		< 2		< 4	<	< 4	< 2
013190	W	45.2		< 4	< 40			<		< 2		< 4	<	< 4	< 2
013191	W	78.0		< 4	< 40			<		< 2		< 4	<	215	< 2
013193	W	75.9		< 4	< 40			<		< 2		< 4		329	< 2
013194	W	213.3		4	< 40			<		< 2		< 4		44	< 2
013195	W	108.2		< 4	< 40			<		< 2		< 4	<	42	< 2
013196	W	282.5		11	89			<		< 2		< 4	<	33	< 2
013197	W	342.3		4	< 40			<		< 2		< 4	<	4	< 2
013198	W	290.7		< 4	112			<		< 2		< 4	<	39	< 2
013199	W	347.5		< 4	< 40			<		< 2		< 4		< 4	< 2
013200	W	287.1		< 4	90			<		< 2		< 4		37	< 2
013201	W	131.8		7	< 40			<		< 2		< 4	<	7	< 2
013202	W	156.5		< 4	< 40			<		< 2		< 4	<	463	< 2
013203	W	157.1		5	< 40			<		< 2		< 4	<	< 4	< 2
013204	W	221.1		< 4	< 40			<		< 2		< 4	<	< 4	< 2
013205	W	155.7		8	783			<		< 2		< 4	<	64	< 2
013206	W	59.8		< 4	157			<		< 2		< 4	<	12	< 2
013207	W	149.7		< 4	775			<		< 2		< 4	<	82	< 2
013208	W	130.1		8	< 40			<		< 2		< 4	<	4	< 2
013209	W	476.1		8	< 40			<		< 2		< 4	<	172	< 2

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAI
013210	W	255	245	30	8.5		3.0	580		49	< 0.5	< 0.2		< 0.20		10
013212	W	250	247	30	8.2		3.0	600		44	< 0.5	< 0.2		< 0.20		10
013251	W	83	86	<5	6.0		3.9	775		132	< 0.5	0.4		1.02		10
013260	W	424	400	62	8.9		10.7	880		74	< 0.5	< 0.2		< 0.20		10
013261	W	426	429	64	8.9		12.1	780		71	< 0.5	0.3		0.39		10
013263	W	340	342	67	9.1		7.5	630		73	< 0.5	< 0.2		< 0.20		10
013271	W	450	426	59	8.9		4.5	1020		84	< 0.5	< 0.2		< 0.20		10
013272	W	579	534	48	8.8		4.7	1120		85	< 0.5	< 0.2		< 0.20		10
013275	W	409	400	76	9.3		6.3	685		52	< 0.5	< 0.2		0.31		10
013277	W	411	432	67	9.1		4.5	830		52	< 0.5	< 0.2		0.24		10
013278	W	98	101	<5	6.5		9.2	2605		421	2.0	2.4		12.94		10
013279	W	226	228	<5	8.0		10.7	490		87	1.9	2.5		0.32		10
013281	W	559	552	28	8.2		4.5	2520		402	3.8	4.8		0.36		10
013282	W	389	391	78	9.2		4.6	870		71	< 0.5	< 0.2		0.51		10
013283	W	490	470	40	8.7		9.3	990		71	2.1	2.5		0.42		10
013284	W	390	394	100	9.3		4.5	715		45	< 0.5	0.2		0.56		10
013285	W	400	409	100	9.3		3.0	765		41	< 0.5	0.2		0.77		10
013286	W	418	439	99	9.3		3.3	720		6	2.0	2.3		0.57		10
013288	W	410	430	88	9.2		5.3	720		23	4.1	5.6		0.41		10
013290	W	406	438	80	9.3		5.5	770		73	< 0.5	0.4		0.60		10
013291	W	222	222	<5	7.3		5.4	470		40	< 0.5	0.2		0.56		10
013292	W	370	0	370		7.3			900	131	< 0.5	< 0.2		< 0.20		10
013293	W	410	416	100	9.4		3.4	780		22	< 0.5	0.3		0.27		10
013294	W	518	502	52	8.7		6.1	1725		1704	< 0.5	0.3		< 0.20		10
013295	W	734	730	39	8.3		3.4	3365		220	2.3	2.8		< 0.20		10
013297	W	680	634	20	8.2		4.7	4100		180	3.8	5.3		< 0.20		10
013301	W	178	184	<5	7.5		4.7	820		191	3.7	5.0		< 0.20		10
013302	W	356	352	32	8.7		4.1	710		44	3.9	5.3		< 0.20		10
013304	W	756	714	54	8.4		3.8	2025		230	3.9	5.3		< 0.20		10
013306	W	394	381	32	8.7		3.6	730		57	2.1	2.5		< 0.20		10
013308	W	548	501	40	8.7		7.0	1160		190	4.2	5.6		< 0.20		10
013311	W	161	162	<5	6.3		3.0	660		204	2.2	2.7		< 0.20		10
013312	W	175	180	<5	7.9		4.7	910		269	3.5	4.7		0.27		10
013313	W	439	409	37	8.8		5.7	810		79	2.1	2.6		0.34		10
013315	W	631	612	22	8.2		3.9	4185		196	1.9	2.4		0.36		10
013316	W	185	190	<5	6.7		4.7	680		32	< 0.5	< 0.2		< 0.20		10
013317	W	290	286	<5	7.4		3.9	1450		257	< 0.5	< 0.2		9.41		10
013318	W	750	752	29	8.3		3.4	3630		355	< 0.5	< 0.2		< 0.20		10
013320	W	620	632	41	8.5		3.1	1380		25	< 0.5	< 0.2		< 0.20		10
013322	W	451	459	73	8.9		3.5	1260		43	< 0.5	< 0.2		0.36		10
013323	W	446	444	<5	7.6		2.4	1450		97	0.5	< 0.2		0.40		10
013324	W	762	732	36	8.1		3.3	4530		175	< 0.5	< 0.2		0.33		10
013326	W	624	574	26	8.2		7.4	4390		915	< 0.5	< 0.2		0.41		10
013332	W	780	766	88	8.5		3.5	1640		103	< 0.5	< 0.2		< 0.20		10
013334	W	894	934	51	8.3		2.7	3060		168	0.6	1.0		< 0.20		10
013335	W	326	326	<5	7.2		6.5	950		17	< 0.5	0.2		1.97		10
013336	W	726	766	28	8.3		3.9	4060		392	< 0.5	0.2		< 0.20		10
013337	W	326	328	<5	7.1		5.3	780		62	< 0.5	1.3		6.67		10
013339	W	252	251	<5	7.2		8.0	620		111	< 0.5	< 0.2		0.93		10
013340	W	330	321	<5	7.1		4.5	660		35	< 0.5	< 0.2		2.23		10
013342	W	458	444	<5	6.8		2.7	1535		191	< 0.5	0.6		< 0.20		10
013343	W	55	56	<5	5.8		4.7	390		35	< 0.5	< 0.2		< 0.20		10
013344	W	152	146	<5	7.0		4.2	460		38	< 0.5	< 0.2		< 0.20		10
013345	W	432	420	20	8.3		4.3	1875		12	< 0.5	0.2		< 0.20		10

ANALYTICAL RESULTS - WELL WATER — PAGE 8 --SECTION 2 OF 3

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SE
013210	W	< 2	< 10	486	< 2	< 1	0.4	3	< 4	< 2	< 10	11	0.1	4	< 4	10
013212	W	< 2	< 10	481	< 2	< 1	0.3	< 2	< 4	< 2	< 10	10	< 0.1	4	< 4	10
013251	W	< 2	< 10	37	42	< 1	45.6	< 2	< 4	< 2	< 10	8	26.3	2	< 4	10
013260	W	< 2	< 10	445	< 2	< 1	0.5	< 2	< 4	< 2	< 10	21	0.1	< 2	< 4	10
013261	W	< 2	< 10	525	< 2	< 1	0.2	< 2	< 4	< 2	< 10	21	0.1	< 2	< 4	10
013263	W	< 2	< 10	314	< 2	< 1	0.2	< 2	< 4	< 2	< 10	20	0.1	< 2	< 4	10
013271	W	< 2	< 10	663	< 2	< 1	0.5	< 2	< 4	< 2	< 10	25	0.1	< 2	< 4	10
013272	W	< 2	< 10	969	< 2	< 1	0.8	< 2	< 4	< 2	< 10	31	0.3	< 2	5	10
013275	W	< 2	< 10	258	< 2	< 1	0.1	< 2	< 4	< 2	< 10	18	< 0.1	< 2	< 4	10
013277	W	< 2	< 10	420	< 2	< 1	0.5	< 2	< 4	< 2	< 10	21	0.3	< 2	5	10
013278	W	< 2	< 10	58	28	< 1	146.3	< 2	< 4	49	< 10	154	48.6	68	< 4	10
013279	W	< 2	< 10	719	< 2	< 1	4.2	< 2	< 4	< 2	< 10	20	1.7	< 2	< 4	10
013281	W	< 2	< 10	3068	6	< 1	7.4	< 2	< 4	< 2	< 10	56	2.7	4	11	10
013282	W	< 2	< 10	529	< 2	< 1	1.0	< 2	< 4	< 2	< 10	20	0.2	< 2	< 4	10
013283	W	< 2	< 10	2020	< 2	< 1	1.5	< 2	< 4	< 2	< 10	21	0.5	< 2	< 4	10
013284	W	< 2	< 10	263	7	< 1	0.6	< 2	< 4	< 2	< 10	20	0.1	< 2	< 4	10
013285	W	< 2	< 10	268	5	< 1	0.6	< 2	< 4	< 2	< 10	21	0.1	< 2	< 4	10
013286	W	< 2	< 10	219	6	< 1	0.7	< 2	< 4	< 2	< 10	18	0.1	< 2	< 4	10
013288	W	< 2	< 10	324	11	< 1	1.2	< 2	< 4	< 2	< 10	25	0.3	< 2	< 4	10
013290	W	< 2	< 10	452	4	< 1	0.8	< 2	< 4	< 2	< 10	21	0.2	3	< 4	10
013291	W	< 2	< 10	23	6	< 1	88.9	< 2	< 4	< 2	< 10	18	10.2	2	< 4	10
013292	W															10
013293	W	< 2	< 10	260	< 2	< 1	0.3	3	< 4	< 2	< 10	14	< 0.1	< 2	< 4	10
013294	W	< 2	< 10	2015	2	< 1	1.5	< 2	< 4	< 2	< 10	24	0.6	< 2	< 4	10
013295	W	< 2	< 10	3300	12	< 1	3.9	< 4	< 4	< 2	< 10	44	1.7	4	< 4	10
013297	W	< 2	< 10	3686	38	< 1	5.4	< 2	< 4	< 2	< 10	62	2.6	< 2	< 4	10
013301	W	< 2	< 10	337	34	< 1	21.9	< 2	< 4	< 2	< 10	35	9.6	7	< 4	10
013302	W	< 2	< 10	1109	< 2	< 1	1.1	< 2	< 4	< 2	< 10	13	0.1	< 2	< 4	10
013304	W	< 2	< 10	2271	15	< 1	7.6	< 2	< 4	< 2	< 10	33	2.1	< 2	< 4	10
013306	W	< 2	< 10	1300	2	< 1	1.2	< 2	< 4	< 2	< 10	15	0.1	< 2	< 4	10
013308	W	< 2	< 10	2075	< 2	< 1	1.0	< 2	< 4	< 2	< 10	26	0.3	< 2	< 4	10
013311	W	< 2	< 10	133	20	< 1	66.2	< 2	< 4	< 2	< 10	50	30.6	260	< 4	10
013312	W	< 2	< 10	380	16	< 1	11.6	< 2	< 4	< 2	< 10	45	4.7	31	< 4	10
013313	W	< 2	< 10	1378	< 2	< 1	0.8	< 2	< 4	< 2	< 10	19	0.2	2	5	10
013315	W	< 2	< 10	3383	17	< 1	5.1	5	< 4	< 2	< 10	65	2.4	9	< 4	10
013316	W	< 2	< 10	41	13	< 1	71.8	< 2	< 4	< 2	< 10	9	9.4	53	< 4	10
013317	W	< 2	< 10	633	19	< 1	97.4	< 2	< 4	< 2	< 10	17	5.0	2	9	10
013318	W	< 2	36	3073	7	< 1	3.8	< 2	< 4	< 2	< 10	40	1.5	< 2	< 4	10
013320	W	< 2	< 10	1984	2	< 1	1.2	< 2	< 4	< 2	< 10	18	0.3	< 2	< 4	10
013322	W	< 2	165	914	< 2	< 1	0.6	< 2	< 4	< 2	< 10	16	0.1	< 2	< 4	10
013323	W	< 2	83	1587	17	< 1	50.8	< 2	< 4	< 2	< 10	45	5.7	12	< 4	10
013324	W	2	23	4656	15	< 1	5.3	< 2	< 4	32	< 10	72	2.0	< 2	< 4	10
013326	W	2	43	4240	15	< 1	8.8	6	< 4	13	< 10	55	3.4	5	6	10
013332	W	< 2	< 10	4258	4	< 1	1.0	< 2	< 4	< 2	41	31	0.4	< 2	< 4	10
013334	W	< 2	< 10	3976	5	< 1	2.1	< 2	< 4	< 2	< 10	32	1.0	4	< 4	10
013335	W	< 2	< 10	100	64	< 1	123.2	< 2	< 4	< 2	< 10	7	4.9	2	< 4	10
013336	W	< 2	< 10	4737	12	< 1	4.1	10	9	< 2	< 10	53	1.8	3	10	10
013337	W	< 2	< 10	< 5	78	< 1	127.0	< 4	< 4	< 2	< 10	10	2.0	5	< 4	10
013339	W	< 2	< 10	17	49	< 1	91.9	5	< 4	< 2	< 10	5	2.8	< 2	< 4	10
013340	W	< 2	< 10	30	52	< 1	106.7	3	< 4	< 2	< 10	7	3.0	< 2	< 4	10
013342	W	< 2	15	201	15	< 1	161.4	< 2	< 4	< 2	< 10	61	51.0	133	< 4	10
013343	W	< 2	< 10	6	77	< 1	17.4	< 2	< 4	< 2	< 10	2	5.7	7	< 4	10
013344	W	< 2	< 10	150	5	< 1	2.8	< 2	< 4	< 2	< 10	11	1.1	43	< 4	10
013345	W	< 2	11	2629	8	< 1	4.9	< 2	< 4	< 2	< 10	23	2.1	8	< 4	10

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
013210	W	164.4		< 4	597			< 1		< 2		< 4	< 1	11	< 2	10
013212	W	160.7		< 4	605			< 1		< 2		< 4	< 1	16	< 2	10
013251	W	89.1		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013260	W	193.5		5	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013261	W	189.5		4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013263	W	180.8		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013271	W	221.0		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013272	W	247.7		7	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013275	W	184.0		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013277	W	199.9		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013278	W	385.3		22	< 40			< 1		< 2		< 4	1	29	< 2	10
013279	W	133.3		5	79			< 1		< 2		< 4	< 1	38	< 2	10
013281	W	541.3		< 4	< 40			< 1		< 2		< 4	< 1	23	< 2	10
013282	W	253.6		5	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013283	W	291.5		< 4	484			< 1		< 2		< 4	< 1	< 4	< 2	10
013284	W	219.0		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013285	W	220.1		< 4	< 40			< 1		< 2		< 4	< 1	7	< 2	10
013286	W	216.1		< 4	< 40			< 1		< 2		< 4	< 1	29	< 2	10
013288	W	234.6		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013290	W	232.1		6	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013291	W	25.8		< 4	< 40			< 1		< 2		< 4	< 1	136	< 2	10
013292	W															10
013293	W	195.5		< 4	< 40			< 1		< 2		< 4	< 1	20	< 2	10
013294	W	352.7		< 4	117			< 1		< 2		< 4	< 1	< 4	< 2	10
013295	W	533.8		9	< 40			< 1		< 2		< 4	1	56	< 2	10
013297	W	713.0		5	< 40			< 1		< 2		< 4	< 1	47	< 2	10
013301	W	192.4		< 4	< 40			< 1		< 2		< 4	< 1	150	< 2	10
013302	W	221.7		< 4	811			< 1		< 2		< 4	< 1	< 4	< 2	10
013304	W	428.9		< 4	< 40			< 1		< 2		< 4	< 1	19	< 2	10
013306	W	229.8		7	553			< 1		< 2		< 4	< 1	28	< 2	10
013308	W	325.9		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013311	W	57.2		< 4	< 40			< 1		< 2		< 4	< 1	40	< 2	10
013312	W	222.6		< 4	< 40			< 1		< 2		< 4	< 1	24	< 2	10
013313	W	247.8		< 4	476			< 1		< 2		< 4	< 1	< 4	< 2	10
013315	W	659.6		< 4	< 40			< 1		< 2		< 4	< 1	83	< 2	10
013316	W	10.7		< 4	< 40			< 1		< 2		< 4	< 1	214	< 2	10
013317	W	153.5		5	< 40			< 1		< 2		< 4	< 1	16	< 2	10
013318	W	486.0		5	< 40			< 1		< 2		< 4	< 1	48		10
013320	W	266.5		< 4	45			< 1		< 2		< 4	< 1	8	< 2	10
013322	W	266.0		< 4	76			< 1		< 2		< 4	< 1	13	< 2	10
013323	W	258.6		< 4	< 40			< 1		< 2		< 4	< 1	150	< 2	10
013324	W	633.2		< 4	< 40			< 1		< 2		< 4	< 1	112	< 2	10
013326	W	697.3		< 4	< 40			< 1		< 2		< 4		37		10
013332	W	357.5		< 4	< 40			< 1		< 2		< 4	< 1	22	< 2	10
013334	W	464.8		< 4	< 40			< 1		< 2		< 4	< 1	14	< 2	10
013335	W	64.6		< 4	< 40			< 1		< 2		< 4	< 1	68	< 2	10
013336	W	562.0		9	< 40			< 1		< 2		< 4	1	37		10
013337	W	45.0		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013339	W	5.8		4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013340	W	16.1		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10
013342	W	82.7		6	< 40			< 1		< 2		< 4	< 1	23	< 2	10
013343	W	7.6		< 4	< 40			< 1		< 2		< 4	< 1	89	< 2	10
013344	W	60.3		< 4	< 40			< 1		< 2		< 4	< 1	267	< 2	10
013345	W	349.7		< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2	10

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAI
013349	W	132	128	<5	6.4		4.8	585		25	< 0.5	< 0.2		< 0.20		10
013351	W	322	320	<5	6.9		2.3	765		9	< 0.5	< 0.2		8.97		10
013352	W	282	284	<5	7.0		3.0	765		30	< 0.5	0.2		0.63		10
013354	W	298	300	<5	6.9		4.4	720		10	< 0.5	< 0.2		1.15		10
013357	W	300	300	<5	6.9		5.8	1400		40	< 0.5	0.4		2.50		10
013358	W	726	726	80	8.2		1.9	3060		234	< 0.5	0.2		< 0.20		10
013359	W	591	590	90	8.9		2.8	1290		73	< 0.5	< 0.2		< 0.20		10
013362	W	676	663	49	8.4		3.6	2285		63	< 0.5	0.4		< 0.20		10
013363	W	662	686	40	8.4		3.4	1760		18	< 0.5	0.4		< 0.20		10
013364	W	286	266	14	8.3		2.1	700		30	< 0.5	0.4		< 0.20		10
013365	W	528	533	104	8.7		5.9	1130		68	< 0.5	0.2		< 0.20		10
013366	W	295	305	12	8.3		2.9	720		54	< 0.5	< 0.2		< 0.20		
013367	W	450	454	52	8.8		3.1	970		87	4.3	1.3		< 0.20		
013370	W	162	172	<5	6.6		3.9	430		6	< 0.5	< 0.2		< 0.20		
013372	W	144	149	<5	7.9		2.5	420		26	< 0.5	0.2		< 0.20		
013373	W	194	186	<5	7.9		2.5	1970		143	< 0.5	0.2		< 0.20		
013375	W	191	193	<5	7.3		2.8	820		12	< 0.5	< 0.2		< 0.20		
013376	W	400	374	4	7.9		3.1	2450		157	< 0.5	0.2		< 0.20		
013377	W	420	400	54	9.0		2.7	1070		169	< 0.5	0.2		< 0.20		
013378	W	700	702	43	8.1		4.9	3830		41	0.5	0.6		< 0.20		
013379	W	494	489	40	8.7		4.2	1620		74	< 0.5	0.2		< 0.20		
013381	W	512	532	92	8.5		7.4	2280		31	< 0.5	2.2		< 0.20		
013382	W	324	320	<5	6.9		3.2	910		86	< 0.5	0.2		2.16		
013383	W	730	694	24	8.0		2.2	4470		37	< 0.5	0.4		< 0.20		
013385	W	60	63	<5	7.3		4.3	460		10	5.5	< 0.2		0.86		
013400	W	236	238	<5	7.4		0.5	750		39	4.2	0.3		0.82		
013401	W	46	48	<5	8.2		5.8	490		64	0.5	0.2		0.99		
013402	W	239	240	<5	7.1		5.3	1920		16	0.9	0.2		4.44		
013408	W	459	469	59	8.8		2.5	1670		172	< 0.5	0.4		< 0.20		
013409	W	76	80	<5	6.9		9.1	510		54	< 0.5	< 0.2		< 0.20		
013412	W	481	470	30	8.3		8.2	1540		147	< 0.5	0.2		< 0.20		
013413	W	218	222	<5	6.9		2.4	4160		1214	< 0.5	0.4		20.30		
013414	W	250	242	<5	7.7		5.1	680		69	7.0	0.3		10.77		
013416	W	125	130	<5	7.3		5.2	540		44	3.1	0.3		3.87		
013417	W	288	294	<5	7.1		6.3	5430		2306	1.1	0.3		38.55		
013418	W	400	402	<5	6.8		2.4	3290		623	< 0.5	0.2		14.98		
013419	W	60	58	<5	7.3		3.0	380		20	1.1	< 0.2		0.36		
013421	W	224	216	<5	8.1		8.5	680		31	38.4	2.6		11.54		
013422	W	234	238	<5	7.4		1.3	960		72	5.3	< 0.2		3.33		
013423	W	282	290	<5	6.9		3.7	910		92	2.3	0.2		2.84		
013424	W	680	700	42	8.2		4.8	4300		504	2.0	0.4		< 0.20		
013426	W	168	180	<5	7.3		3.3	850		84	1.2	0.3		0.90		
013438	W	348	350	82	8.8		2.1	900		38	< 0.5	0.3		< 0.20		
013439	W	307	294	<5	7.0		0.4	770		12	< 0.5	0.2		< 0.20		
013443	W	344	350	<5	6.7		2.2	850		13	< 0.5	0.6		12.70		
013444	W	330	342	<5	7.1		2.0	820		28	< 0.5	0.2		1.41		
013446	W	164	170	<5	7.0		0.5	570		6	< 0.5	< 0.2		< 0.20		
013447	W	330	332	<5	6.7		0.6	17956		150	< 0.5	0.2		7.50		
013448	W	296	284	<5	7.1		6.6	1200		38	< 0.5	< 0.2		47.66		
013452	W	369	350	24	8.4		2.8	1130		51	0.5	< 0.2		< 0.20		
013453	W	230	235	<5	7.4		4.4	805		18	< 0.5	< 0.2		< 0.20		
013456	W	439	444	40	8.4		1.9	1110		61	< 0.5	< 0.2		< 0.20		
013461	W	324	320	<5	6.6		2.7	2070		67	< 0.5	0.2		27.34		
013464	W	726	723	21	7.7		1.4	2400		109	< 0.5	0.4		< 0.20		

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
013349	W	< 2	< 10	10	70	< 1	29.2	< 2	< 4	< 2	< 10	6	10.9	6	7	10
013351	W	< 2	< 10	51	249	< 1	74.7	< 2	< 4	< 2	< 10	10	24.7	8	5	10
013352	W	< 2	< 10	90	437	< 1	61.1	< 2	< 4	33	< 10	21	8.2	< 2	< 4	10
013355	W	< 2	< 10	32	16	< 1	99.3	< 2	< 4	< 2	< 10	20	8.9	< 4	< 4	10
013357	W	< 2	< 10	90	10	< 1	105.4	< 2	< 4	40	< 10	91	13.6	< 6	< 4	10
013358	W	< 2	< 10	3188	7	< 1	1.5	< 2	< 4	< 2	< 10	28	0.9	< 3	5	10
013359	W	< 2	< 10	1039	3	< 1	0.8	< 2	< 4	< 2	< 10	14	0.2	< 2	< 4	10
013362	W	< 2	< 10	2541	7	< 1	2.1	< 2	< 4	< 2	< 10	31	0.7	< 5	< 4	10
013363	W	< 2	< 10	2688	6	< 1	1.3	< 2	< 4	< 2	< 10	24	0.5	< 2	< 4	10
013364	W	< 2	< 10	537	< 2	< 1	0.3	< 2	< 4	< 2	16	10	< 0.1	< 2	< 4	10
013365	W	< 2	< 10	1046	< 2	< 1	0.7	< 2	< 4	< 2	16	16	0.2	< 3	< 4	10
013366	W	< 2	< 10	627	< 2	< 1	0.3	< 2	< 4	< 2	< 10	9	0.1	< 2	9	
013367	W	< 2	< 10	715	< 2	< 1	0.4	< 2	6	23	< 10	12	< 0.1	< 2	< 4	
013370	W	< 2	< 10	92	9	< 1	14.9	< 2	< 4	< 2	< 10	25	5.4	279	< 4	
013372	W	< 2	< 10	643	< 2	< 1	0.6	< 2	< 4	< 2	< 10	7	0.2	< 6	< 4	
013373	W	< 2	< 10	1884	9	< 1	34.1	< 2	< 4	< 2	< 10	38	14.8	61	< 4	
013375	W	< 2	< 10	158	14	< 1	113.7	< 2	< 4	< 2	< 10	121	29.9	165	< 4	
013376	W	< 2	< 10	1365	7	< 1	15.2	< 2	< 4	< 2	< 10	44	6.2	14	9	
013377	W	< 2	< 10	532	< 2	< 1	1.3	< 2	< 4	< 2	98	14	0.3	< 3	< 4	
013378	W	< 2	< 10	3376	12	< 1	3.4	< 2	< 4	< 2	< 10	45	1.5	< 10	< 4	
013379	W	< 2	< 10	721	16	< 1	1.0	< 2	< 4	< 2	< 10	42	0.2	< 2	< 4	
013381	W	< 2	325	1972	< 2	< 1	0.9	< 3	< 4	31	< 10	23	0.2	< 2	7	
013382	W	< 2	< 10	61	77	< 1	117.8	< 3	< 4	< 2	< 10	9	2.7	< 2	< 4	
013383	W	< 2	< 10	3752	12	< 1	3.8	< 2	< 4	< 2	< 10	50	1.4	< 2	8	
013385	W	< 2	< 10	44	23	< 1	16.7	< 2	< 4	< 2	< 10	4	0.7	< 2	< 4	
013400	W	< 2	< 10	83	20	< 1	27.9	< 2	< 4	< 2	160	3	8.5	45	< 4	
013401	W	< 2	< 10	20	20	< 1	30.0	< 2	< 4	< 2	< 10	2	5.5	< 3	< 4	
013402	W	< 2	< 10	51	239	< 1	277.3	< 2	< 4	< 2	< 10	12	8.3	< 2	< 4	
013408	W	< 2	< 10	1424	8	< 1	1.6	< 2	< 4	< 2	< 10	45	0.4	< 2	< 4	
013409	W	< 2	49	37	25	< 1	28.6	< 2	< 4	< 2	< 10	2	2.7	< 2	< 4	
013412	W	< 2	< 10	1694	2	< 1	3.5	< 2	< 4	< 2	< 10	19	0.8	< 6	< 4	
013413	W	< 2	< 10	673	45	< 1	287.3	3	5	< 5	< 10	236	35.8	18	11	
013414	W	< 2	< 10	95	60	< 1	52.5	< 2	< 4	< 2	< 10	15	4.7	< 2	< 4	
013416	W	< 2	< 10	21	83	< 1	36.4	< 2	< 4	< 2	< 10	8	3.7	< 2	< 4	
013417	W	7	< 12	1151	16	< 1	389.6	< 2	< 4	6	< 10	293	33.1	< 3	< 4	
013418	W	< 2	< 10	259	28	< 1	198.8	< 2	< 4	< 2	< 10	125	44.1	34	7	
013419	W	< 2	< 10	10	31	< 1	17.8	2	< 8	< 2	52	2	1.0	126	7	
013421	W	< 2	< 10	85	52	< 1	57.7	< 2	< 4	17	< 10	15	5.7	< 2	13	
013422	W	< 2	15	99	107	< 1	83.0	< 2	< 4	5	31	14	8.7	12	19	
013423	W	< 2	11	72	71	< 1	121.6	< 2	< 4	< 2	< 10	14	3.8	< 2	8	
013424	W	< 2	< 10	3340	14	< 1	4.0	< 2	< 4	< 2	< 10	50	1.8	14	< 4	
013426	W	< 2	< 10	105	44	< 1	108.1	< 2	< 4	< 2	< 10	9	2.3	< 2	< 4	
013438	W	< 2	< 10	137	27	< 1	0.9	< 2	6	< 2	< 10	18	0.2	< 2	< 4	
013439	W	< 2	< 10	87	135	< 1	54.8	< 2	< 4	< 2	< 10	16	12.9	122	< 4	
013443	W	< 2	< 10	39	101	< 1	80.1	< 4	< 4	< 2	< 10	8	10.3	< 3	< 4	
013444	W	< 2	< 10	170	96	< 1	59.1	< 2	< 4	< 2	< 10	26	9.2	15	< 4	
013446	W	< 2	< 10	29	37	< 1	65.0	< 2	< 4	< 2	< 10	2	1.8	< 2	< 4	
013447	W	< 2	< 10	67	91	< 1	188.8	< 2	< 4	< 2	< 10	11	18.9	< 2	< 4	
013448	W	< 2	< 10	62	182	< 1	108.6	< 2	< 4	< 2	< 10	10	13.8	< 2	< 4	
013452	W	< 2	< 10	1050	41	< 1	6.2	< 2	< 4	< 2	< 10	10	2.1	< 2	< 4	
013453	W	< 2	< 10	93	182	< 1	77.7	3	< 4	< 2	< 10	11	17.2	34	< 4	
013456	W	< 2	< 10	1090	4	< 1	1.0	< 2	< 4	< 2	< 10	11	0.2	< 2	< 4	
013461	W	< 2	< 10	55	219	< 1	162.5	< 2	< 4	< 2	< 10	12	50.6	6	< 4	
013464	W	< 2	< 10	2198	22	< 1	4.2	< 2	< 4	< 2	< 10	24	1.0	< 2	7	

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	V	V	Y	ZN	ZR	SAM
013349	W	8.3		< 4	< 40			<		< 2		4	<	259	2	102
013351	W	7.3		< 4	< 40			<		< 2		4	<	28	2	102
013352	W	63.2		< 4	< 40			<		< 2		5	<	35	< 2	102
013354	W	14.0		< 4	< 40			<		2	<	4	<	25	3	102
013357	W	160.7		< 4	142			<		< 2	<	4	<	69	< 2	102
013358	W	459.1		< 4	< 40			<		< 2	<	4	<	22	< 2	102
013359	W	304.4		< 4	203			<		< 2	<	4	<	17	< 2	102
013362	W	490.5		< 4	149			<		< 2	<	4	<	50	< 2	102
013363	W	421.0		< 4	78			<		< 2	<	4	<	< 4	< 2	102
013364	W	178.2		< 4	553			<		< 2	<	4	<	5	< 2	102
013365	W	314.9		6	138			<		< 2	<	4	<	152	< 2	102
013366	W	183.7		4	522			<		< 2	<	4	<	30	< 2	
013367	W	255.3		< 4	205			<		< 2	<	4		< 4	< 2	
013370	W	46.5		< 4	< 40			<		< 2	<	4	<	77	< 2	
013372	W	96.0		< 4	224			<		< 2	<	4	<	8	< 2	
013373	W	376.9		9	< 40			<		< 2	<	4	<	1120	< 2	
013375	W	43.3		< 4	< 40			<		< 2	<	4	<	742	< 2	
013376	W	441.0		< 4	< 40			<		< 2	<	4	<	55	< 2	
013377	W	311.2		< 4	< 40			<		< 2	<	4	<	27	< 2	
013378	W	586.2		< 4	< 40			<		< 2	<	4		169	< 2	
013379	W	296.4		9	< 40			<		< 2	<	4	<	10	< 2	
013381	W	387.2		< 4	90			<		< 2	<	4	<	28	< 2	
013382	W	67.3		< 4	< 40			<		< 2		5		8	3	
013383	W	560.3		4	< 40			<		< 2	<	4	<	< 4	< 2	
013385	W	28.9		5	167			<		< 2		19	<	326	< 2	
013400	W	124.7		4	1191			<		< 2		8		81	< 2	
013401	W	17.8		12	< 40			<		< 2		4	<	76	< 2	
013402	W	55.7		5	< 40			<		3	<	4	<	24	2	
013408	W	300.9		< 4	236			<		< 2	<	4		< 4	< 2	
013409	W	18.8		< 4	< 40			<		< 2	<	4	<	< 4	< 2	
013412	W	296.1		< 4	90			<		< 2	<	4	<	< 4	< 2	
013413	W	338.5		6	< 40			<		4	<	4		31	5	
013414	W	81.3		< 4	200			<		< 2		4	<	56	< 2	
013416	W	29.8		< 4	435			<		< 2		6	<	81	< 2	
013417	W	422.0		< 4	< 40					8	<	4	<	31	10	
013418	W	260.8		11	< 40			<		3	<	4	<	478	3	
013419	W	6.7		< 4	< 40			<		2		5		208	2	
013421	W	49.9		6	363			<		< 2		13	<	5	2	
013422	W	69.5		17	5112			<		< 2		10		99	< 2	
013423	W	41.8		< 4	< 40			<		< 2	<	4	<	22	2	
013424	W	574.2		< 4	< 40			<		< 2	<	4	<	65	< 2	
013426	W	29.6		4	< 40			<		< 2		4		< 4	2	
013438	W	175.4		7	< 40			<		< 2	<	4	<	19	< 2	
013439	W	45.8		< 4	< 40			<		< 2	<	4	<	75	< 2	
013443	W	11.1		< 4	< 40			<		< 2	<	4		586	< 2	
013444	W	53.4		< 4	< 40			<		< 2	<	4	<	278	< 2	
013446	W	2.5		7	< 40			<		< 2	<	4	<	17	< 2	
013447	W	55.4		< 4	< 40			<		< 2	<	4		11	3	
013448	W	61.9		< 4	< 40			<		< 2	<	4	<	367	< 2	
013452	W	161.5		< 4	< 40			<		< 2	<	4	<	29	< 2	
013453	W	18.1		4	< 40			<		< 2	<	4	<	338	< 2	
013456	W	175.5		< 4	< 40			<		< 2	<	4	<	12	< 2	
013461	W	83.7		< 4	< 40			<		2	<	4	<	28	< 2	
013464	W	302.1		< 4	< 40			<		< 2	<	4	<	10	< 2	

[redacted] M 2 [redacted]

ANALYTICAL RESULTS - WELL WATER

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAM
013465	W	442	452	<5	7.0		0.8	1090		30	< 0.5	< 0.2		< 0.20		012
013467	W	552	539	52	8.5		3.2	1440		73	< 0.5	< 0.2		< 0.20		013
013468	W	426	430	<5	7.5		1.4	1400		48	< 0.5	< 0.2		< 0.20		013
013469	W	456	460	52	8.3		3.1	1060		35	< 0.5	< 0.2		< 0.20		101
013470	W	144	142	<5	7.3		2.7	560		10	< 0.5	< 0.2		< 0.20		101
013472	W	110	103	<5	10.4		3.4	850		11	< 0.5	< 0.2		0.31		
013474	W	280	284	<5	7.5		0.5	1110		112	1.7	< 0.2		< 0.20		
013475	W	474	460	62	10.2		2.0	1080		33	< 0.5	< 0.2		< 0.20		
013478	W	328	340	<5	7.2		7.1	945		13	< 0.5	< 0.2		5.37		
013479	W	338	324	22	10.4		0.3	1045		89	< 0.5	< 0.2		< 0.20		
013480	W	376	382	76	9.1		5.3	1040		46	< 0.5	< 0.2		< 0.20		
013482	W	280	286	29		8.5	0.6	750		93	< 0.5			< 0.20		
013483	W	352	370	30		8.5	4.4	850		24	< 0.5	< 0.2		< 0.20		
013487	W	550	536	<5		7.1	8.7	1980		150	2.5	5.1		29.37		
013489	W	354	356	<5		7.0	7.5	1890		28	< 0.5	0.2		8.89		
013500	W	470	466	97	9.2		3.4	1440		< 5	< 0.5	0.2		< 0.20		
013503	W	402	378	64	9.3		1.9	1035		42	< 0.5	0.2		< 0.20		
013505	W	410	400	100	9.5		1.1	770		42	< 0.5	< 0.2		0.53		
013506	W	273	270	<5	7.6		2.0	515		49	< 0.5	0.4		< 0.20		
013512	W	400	398	72	9.1		2.1	785		16	< 0.5	0.3		< 0.20		
013514	W	456	460	92	9.1		1.2	825		39	< 0.5	0.2		< 0.20		
013518	W	392	384	72	9.3		1.7	770		59	< 0.5	0.3		< 0.20		
013520	W	312	302	52	9.1		1.9	730		40	< 0.5	0.2		< 0.20		
013521	W	312	324	5	7.9		1.1	630		30	< 0.5	0.5		0.63		
013525	W	264	260	<5	7.0		2.2	565		< 5	< 0.5	0.2		0.24		
013529	W	280	276	<5	7.4		4.2	660		38	< 0.5	0.2		< 0.20		
013532	W	308	318	26	8.5		1.7	605		22	4.4	5.6		< 0.20		
013534	W	314	312	50	8.9		1.6	755		26	2.0	2.4		< 0.20		
013535	W	218	220	<5	7.2		7.8	660		96	< 0.5	0.2		2.52		
013538	W	257	264	<5	6.6		2.0	655		45	3.9	5.0		2.00		
013542	W	406	402	44	8.9		8.0	610		38	2.0	2.4		< 0.20		
013544	W	292	296	<5	7.8		2.2	665		38	< 0.5	0.2		< 0.20		
013546	W	296	294	<5	7.8		4.7	570		26	2.2	2.5		< 0.20		
013549	W	272	280	<5	6.8		2.0	570		22	< 0.5	0.2		< 0.20		
013550	W	462	462	102	9.0		1.3	875		18	< 0.5	0.2		0.29		
013558	W	278	282	<5	7.0		7.6	660		12	< 0.5	< 0.2		0.93		
013563	W	252	246	<5	6.8		1.5	615		< 5	< 0.5	< 0.2		1.16		
013564	W	342	346	<5	7.6		2.3	3110		130	< 0.5	< 0.2		< 0.20		
013565	W	476	469	<5	7.1		2.3	780		10	< 0.5	< 0.2		< 0.20		
013566	W	492	487	51	8.9		1.0	2630		400	< 0.5	0.3		< 0.20		
013567	W	510	520	20	8.0		1.5	2115		100	0.5	0.5		0.46		
013568	W	345	344	<5	7.0		4.6	1440		21	< 0.5	< 0.2		3.32		
013571	W	306	302	<5	7.0		3.9	1280		68	< 0.5	0.2		1.19		
013575	W	312	311	<5	6.8		6.5	585			< 0.5	0.3		1.05		
013578	W	310	310	<5	7.2		7.7	595		6	< 0.5	0.2		1.46		
013579	W	803	800	44	8.5		1.8	2260		76	< 0.5	0.5		< 0.20		
013582	W	566	568	<5	6.7		3.8	655		< 5	< 0.5	0.5		0.84		
013583	W	300	300	<5	7.2		8.2	590		76	< 0.5	< 0.2		0.93		
013584	W	258	260	<5	7.3		5.4	490		86	0.7	0.3		0.73		
013586	W	418	418	<5	7.1		5.1	815		123	< 0.5	0.3		5.44		
013587	W	330	332	<5	7.6		5.8	670		99	0.6	2.1		3.08		
013588	W	360	360	<5	7.8		6.5	525		57	0.6	0.3		3.86		
013590	W	178	180	<5	7.1		0.6	345		18	0.6	0.2		< 0.20		
013591	W	468	473	<5	6.9		7.6	575		22	746.4	26.1		1.66		

[redacted] N 2 [redacted]

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
013465	W	< 2	< 10	173	136	< 1	54.3	< 2	4	< 2	< 10	19	17.7	144	< 4
013467	W	< 2	< 10	2173	3	< 1	1.2	< 2	< 4	< 2	< 10	11	0.2	< 2	< 4
013468	W	< 2	< 10	997	57	< 1	8.3	< 2	< 4	< 2	< 10	15	5.5	53	< 4
013469	W	< 2	< 10	1186	3	< 1	1.3	< 2	< 4	< 2	< 10	10	0.3	< 2	< 4
013470	W	< 2	< 10	148	15	< 1	13.5	< 2	< 4	< 2	< 10	6	4.7	48	< 4
013472	W	< 2	16	56	38	< 1	58.3	9	< 4	3	< 10	12	25.0	< 2	6
013474	W	< 2	< 10	112	48	< 1	75.7	3	< 4	< 2	< 10	21	24.8	4	< 4
013475	W	< 2	< 10	2038	< 2	< 1	0.6	< 2	< 4	< 2	< 10	9	< 0.1	< 2	< 4
013478	W	< 2	< 10	99	281	< 1	81.5	< 2	< 4	< 2	< 10	7	31.3	2	< 4
013479	W	< 2	< 10	623	3	< 1	2.1	< 2	< 4	< 2	< 10	9	0.4	< 2	< 4
013480	W	< 2	< 10	726	6	< 1	0.7	< 2	< 4	< 2	< 10	9	0.1	< 2	8
013482	W	< 2	< 10	154	17	< 1	0.7	< 2	< 4	< 2	25	7	0.2	< 2	< 4
013483	W	< 2	< 10	353	13	< 1	1.5	2	4	< 2	< 10	8	0.3	2	6
013487	W	< 2	< 10	150	108	< 1	121.9	< 2	< 4	7	< 10	13	35.0	3	< 4
013489	W	< 2	< 10	42	501	< 1	175.6	< 2	< 4	< 2	< 10	8	29.3	2	< 4
013500	W	< 2	< 10	684	2	< 1	0.4	2	5	< 2	< 10	20	0.2	< 2	5
013503	W	< 2	< 10	123	3	< 1	0.4	< 2	< 4	< 2	< 10	19	0.1	< 2	< 4
013505	W	< 2	< 10	131	< 2	< 1	0.4	< 2	< 4	< 2	< 10	18	0.1	< 2	< 4
013506	W	< 2	< 10	61	47	< 1	64.1	2	< 4	< 2	< 10	17	19.5	42	< 4
013512	W	< 2	< 10	194	2	< 1	0.3	< 2	< 4	< 2	< 10	19	< 0.1	< 2	5
013514	W	< 2	< 10	391	2	< 1	0.6	2	< 4	< 2	< 10	20	0.1	< 2	5
013518	W	< 2	< 10	133	3	< 1	0.5	< 2	< 4	< 2	< 10	19	0.1	< 2	< 4
013520	W	< 2	< 10	89	4	< 1	0.7	2	< 4	< 2	< 10	39	0.2	< 2	< 4
013521	W	< 2	< 10	85	70	< 1	20.0	< 2	< 4	< 2	< 10	26	2.5	< 2	< 4
013525	W	< 2	< 10	38	74	< 1	94.9	< 2	< 4	< 2	< 10	10	6.5	36	< 4
013529	W	< 2	< 10	77	76	< 1	20.9	< 2	< 4	< 2	< 10	27	9.1	29	4
013532	W	< 2	< 10	81	25	< 1	4.3	< 2	< 4	< 2	< 10	32	1.3	< 2	< 4
013534	W	< 2	< 10	61	5	< 1	0.9	< 2	< 4	< 2	< 10	25	0.2	< 2	< 4
013535	W	< 2	< 10	26	82	< 1	125.0	< 2	< 4	< 2	< 10	7	3.1	2	4
013538	W	< 2	< 10	21	5	< 1	5.6	< 2	< 4	< 2	< 10	< 2	0.3	< 2	< 4
013542	W	< 2	< 10	98	2	< 1	1.6	2	< 4	< 2	< 10	24	0.3	< 2	< 4
013544	W	< 2	< 10	91	9	< 1	2.1	< 2	< 4	< 2	< 10	26	0.5	< 2	< 4
013546	W	< 2	< 10	128	67	< 1	16.0	4	< 4	< 2	< 10	32	9.4	12	< 4
013549	W	< 2	< 10	47	96	< 1	7.3	< 2	< 4	< 2	< 10	12	8.2	51	< 4
013550	W	< 2	< 10	437	3	< 1	0.6	< 2	< 4	< 2	< 10	18	0.1	< 2	< 4
013558	W	< 2	< 10	23	75	< 1	106.1	< 2	< 4	3	< 10	4	2.0	< 2	6
013563	W	< 2	< 10	41	23	< 1	98.6	< 2	< 4	2	< 10	18	11.3	43	8
013564	W	< 2	22	536	93	< 1	37.4	< 2	4	< 2	< 10	41	11.9	31	5
013565	W	< 2	< 10	161	79	< 1	94.8	< 2	< 4	< 2	< 10	20	13.0	276	< 4
013566	W	< 2	< 10	878	20	< 1	5.5	7	< 4	126	< 10	47	9.6	14	< 4
013567	W	< 2	< 10	1110	23	< 1	4.7	4	< 4	45	< 10	25	1.5	< 2	10
013568	W	< 2	< 10	63	133	< 1	184.5	6	< 5	< 2	< 10	18	11.0	75	7
013571	W	< 2	< 10	213	52	< 1	132.2	< 2	< 4	4	< 10	16	22.9	5	< 4
013575	W	2	< 10	35	39	< 1	115.3	< 2	< 4	< 2	< 10	10	8.6	2	4
013578	W	2	< 10	23	109	< 1	99.3	< 2	< 4	< 2	< 10	5	1.2	< 2	< 4
013579	W	< 2	< 10	3132	15	< 1	1.8	3	< 4	< 2	< 10	24	0.6	< 2	< 4
013582	W	< 2	< 10	37	157	< 1	100.6	< 2	< 4	< 2	< 10	8	3.7	< 2	< 4
013583	W	< 2	< 10	39	57	< 1	111.6	4	< 4	< 2	< 10	6	1.6	< 2	8
013584	W	< 2	< 10	31	43	< 1	89.1	< 2	< 4	< 2	< 10	11	3.0	< 2	7
013586	W	< 2	< 10	165	51	< 1	127.1	< 2	< 4	< 2	< 10	68	16.8	4	< 4
013587	W	< 2	< 10	175	41	< 1	53.5	< 2	< 4	< 2	< 10	17	7.0	< 2	< 4
013588	W	< 2	< 10	88	67	< 1	58.3	< 2	< 4	4	< 10	22	5.3	< 2	5
013590	W	< 2	10	64	23	< 1	32.4	2	< 4	5	11	47	3.7	< 2	< 4
013591	W	< 2	< 10	32	73	< 1	114.3	2	< 4	< 2	< 10	5	1.6	< 2	< 4

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
013465	W	101.9		< 4	< 40			< 1		< 2	< 4	< 1		303	< 2
013467	W	207.6		< 4	< 40			< 1		< 2	< 4	< 1		8	< 2
013468	W	182.1		< 4	< 40			< 1		< 2	< 4	< 1		60	< 2
013469	W	172.8		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013470	W	41.1		< 4	< 40			< 1		< 2	< 4	< 1		65	< 2
013472	W	36.4		< 4	< 40			< 1		< 2	< 4	< 1		34	< 2
013474	W	35.3		< 4	< 40			< 1		< 2	< 4	< 1		11	2
013475	W	171.6		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013478	W	14.4		< 4	< 40			< 1		< 2	< 4	< 1		46	< 2
013479	W	158.3		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013480	W	160.3		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013482	W	144.4		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013483	W	135.7		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013487	W	129.2		< 4	< 40			< 1		< 2	< 4	< 1		452	< 2
013489	W	55.5		< 4	< 40			< 1		< 2	< 4	< 1		22	3
013500	W	224.5		9	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013503	W	200.7		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013505	W	166.0		< 4	< 40			< 1		< 2	< 4	< 1		24	< 2
013506	W	31.3		< 4	< 40			< 1		< 2	< 4	< 1		31	< 2
013512	W	201.0		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013514	W	214.7		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013518	W	210.7		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013520	W	189.5		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013521	W	148.9		< 4	< 40			< 1		< 2	< 4	< 1		17	< 2
013525	W	11.2		< 4	< 40			< 1		< 2	< 4	< 1		441	< 2
013529	W	107.5		5	< 40			< 1		< 2	< 4	< 1		46	< 2
013532	W	159.4		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013534	W	163.9		< 4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013535	W	7.2		< 4	< 40			< 1		< 2	< 4	< 1		779	< 2
013538	W	141.4		< 4	< 40			< 1		< 2	< 4	< 1		46	< 2
013542	W	214.7		< 4	< 40			< 1		< 2	< 4	< 1		13	< 2
013544	W	175.0		8	< 40			< 1		< 2	< 4	< 1		76	< 2
013546	W	127.0		< 4	< 40			< 1		< 2	< 4	< 1		54	< 2
013549	W	25.3	<	4	< 40			< 1		< 2	< 4	< 1		20	< 2
013550	W	209.2	<	4	< 40			< 1		< 2	< 4	< 1	<	4	< 2
013558	W	8.1	<	4	< 40			< 1		< 2	< 4	< 1		259	2
013563	W	22.4	<	4	< 40			< 1		2	< 4	< 1		386	3
013564	W	450.3		5	< 40			< 1		2	< 4	< 1		21	< 2
013565	W	70.1		4	< 40			< 1		< 2	< 4	< 1		22	2
013566	W	429.3	<	4	< 40			< 1		< 2	< 4	< 1		55	2
013567	W	363.3	<	4	< 40			< 1		< 2	< 4	< 1		64	< 2
013568	W	83.2		7	< 40			< 1		3	< 4			1105	2
013571	W	114.0	<	4	< 40			< 1		2	< 4	< 1		48	< 2
013575	W	11.9		6	< 40			< 1		2	< 4	< 1		16	3
013578	W	6.1	<	4	< 40			< 1		2	< 4		<	4	3
013579	W	370.9	<	4	< 40			< 1		< 2	< 4		<	4	< 2
013582	W	9.9	<	4	< 40			< 1		< 2	< 4		<	4	2
013583	W	24.2	<	4	< 40			< 1		< 2	< 4		<	4	< 2
013584	W	10.3	<	4	< 40			< 1		< 2	< 4	< 1		6	< 2
013586	W	42.6		4	< 40			< 1		< 2	< 4	< 1		230	< 2
013587	W	105.0	<	4	< 40			< 1		< 2	< 4	< 1		12	< 2
013588	W	66.1		4	< 40			< 1		< 2	< 4	< 1		22	< 2
013590	W	9.5	<	4	3183			< 1		< 2	17	< 1		204	< 2
013591	W	6.6	<	4	< 40			< 1		2	< 4	< 1		4	< 2

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SI
013592	W	325	320	<5	7.3		4.4	625		55	1.5	0.3		1.54		0
013593	W	622	640	26	8.3		2.4	1080		132	0.6	< 0.2	<	0.20		0
013594	W	198	200	<5	7.4		5.8	465		41	7.1	0.4	<	0.20		0
013595	W	332	338	<5	7.1		5.9	470		37	0.8	0.3		1.20		0
013599	W	532	525	<5	6.9		7.3	670		7	< 0.5	< 0.2		0.72		0
013603	W	1136	1140	41	8.0		5.6	3815		364	< 0.5	0.5	<	0.20		0
013606	W	380	376	<5	7.0		5.5	600		47	0.6	0.2		0.34		0
013607	W	316	320	<5	7.1		2.5	435		36	< 0.5	< 0.2		1.20		0
013609	W	160	158	<5	7.3		1.1	635		188	1.2	0.3		1.04		0
013610	W	273	274	<5	6.8		2.7	1310		100	< 0.5	0.3		7.19		0
013611	W	570	570	<5	6.7		3.4	695		36	< 0.5	0.2		2.37		0
013612	W	536	538	<5	7.8		2.3	840		112	0.7	0.3		4.77		0
013613	W	428	448	<5	7.1		4.3	715		143	< 0.5	0.5		2.24		0
013615	W	190	192	<5	7.7		5.7	370		44	< 0.5	0.2		0.72		0
013618	W	410	393	<5	7.4		2.8	535		43	< 0.5	0.3		1.76		0
013619	W	575	582	19	7.5		5.0	1565		175	< 0.5	0.2		0.22		0
013620	W	294	306	<5	7.0		7.7	660		44	< 0.5	< 0.2		1.47		0
013623	W	734	736	160	9.2		1.6	825		25	< 0.5	< 0.2	<	0.20		0
013624	W	720	714	83	8.7		1.3	1610		303	< 0.5	0.2		0.33		0
013627	W	694	704	<5	7.1		7.2	1900		30	< 0.5	< 0.2		1.24		0
013628	W	527	522	<5	7.2		3.[illegible]	3070		44	< 0.5	< 0.2		4.96		0
013630	W	51	48	<5	5.7		7.4	475		9	< 0.5	< 0.2	<	0.20		0
013631	W	60	60	<5	5.9		7.8	990		< 5	< 0.5	0.2	<	0.20		0
013633	W	504	504	58	8.8		1.5	1505		71	< 0.5	0.3	<	0.20		0
013634	W	616	617	62	8.7		1.7	1555		82	< 0.5	0.4	<	0.20		0
013635	W	438	438	34	8.5		2.9	1270		23	< 0.5	< 0.2	<	0.20		0
013636	W	526	524	42	8.5		1.5	1270		31	< 0.5	0.3	<	0.20		0
013638	W	580	572	34	8.3		1.5	1610		87	< 0.5	0.3	<	0.20		0
013640	W	768	740	30	8.2		0.8	1970		66	< 0.5	0.3	<	0.20		0
013645	W	620	621	34	8.3		2.0	2125		89	< 0.5	0.5	<	0.20		0
013649	W	620	620	27	7.9		1.5	5820		89	< 0.5	0.4	<	0.20		0
013650	W	628	620	21	7.9		0.4	6105		109	< 0.5	0.6	<	0.20		0
013652	W	428	414	40	8.6		1.5	980		72	< 0.5	0.4	<	0.20		0
013658	W	572	584	42	8.6		2.8	1450		43	< 0.5	0.3	<	0.20		0
013659	W	698	684	16	8.0		3.9	2970		83	< 0.5	0.4		2.21		0
013670	W	310	312	<5	7.7		1.6	810		57	< 0.5	< 0.2	<	0.20		0
013673	W	226	230	<5	8.1		3.3	3300		70	< 0.5	< 0.2	<	0.20		0
013675	W	290	288	18	8.3		3.5	1120		105	< 0.5	< 0.2	<	0.20		0
013677	W	448	458	<5	7.2		7.5	2150		504	< 0.5	< 0.2	<	0.20		0
013678	W	261	261	14	8.3		4.7	800		28	< 0.5	< 0.2	<	0.20		0
013679	W	309	302	<5	7.2		6.3	940		72	< 0.5	< 0.2		0.42		0
013683	W	374	379	31	8.7		3.3	800		41	< 0.5	0.3	<	0.20		0
013684	W	404	412	<5	8.0		3.3	1280		128	< 0.5	0.2		0.98		0
013685	W	294	298	14	8.1		2.7	675		15	< 0.5	< 0.2	<	0.20		0
013687	W	267	262	<5	7.2		7.2	630		10	< 0.5	< 0.2		1.24		0
013688	W	390	390	24	8.3		3.2	2500		90	< 0.5	0.4	<	0.20		0
013703	W	444	456	84	9.0		10.8	1130		64	< 0.5	0.2		0.26		0
013704	W	442	446	80	9.3		12.0	1160		20	< 0.5	0.3		0.41		0
013735	W	284	283	<5	6.6		4.7	910		76	< 0.5	< 0.2	<	0.20		0
013736	W	304	290	10	8.6		3.5	860		34	< 0.5	< 0.2	<	0.20		0
013737	W	278	285	<5	7.4		2.0	945		24	< 0.5	0.2	<	0.20		0
013738	W	262	274	<5	8.3		3.0	1000		65	< 0.5	0.2	<	0.20		0
013739	W	412	380	75	9.5		1.8	1090		40	< 0.5	0.2		0.34		0
013740	W	434	414	86	9.7		2.4	1125		34	< 0.5	0.2		0.82		0

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	S
013592	W	< 2	< 10	37	45	< 1	100.8	< 2	< 4	< 2	< 10	6	2.6	< 2	< 4	0
013593	W	< 2	< 10	1311	2	< 1	1.3	< 2	< 4	< 2	< 10	17	0.2	< 2	< 4	0
013594	W	< 2	< 10	56	23	< 1	66.3	3	< 4	3	< 10	7	5.3	< 2	< 4	0
013595	W	< 2	< 10	27	63	< 1	94.8	< 2	< 4	< 2	< 10	4	1.3	< 2	7	0
013599	W	< 2	< 10	25	93	< 1	149.2	< 2	< 4	< 2	< 10	8	2.3	< 2	< 4	0
013603	W	< 2	18	4323	19	< 1	5.1	< 2	< 4	< 2	< 10	60	1.9	< 2	< 4	0
013606	W	< 2	< 10	61	45	< 1	112.9	5	< 4	< 2	< 10	8	3.3	< 2	< 4	0
013607	W	< 2	< 10	46	79	< 1	73.0	3	8	< 2	< 10	7	1.6	< 2	< 4	0
013609	W	< 2	< 10	90	52	< 1	115.6	< 2	< 4	< 2	< 10	16	5.6	< 2	< 4	0
013610	W	< 2	< 10	136	92	< 1	95.1	< 2	< 4	< 2	< 10	45	11.4	< 2	< 4	0
013611	W	< 2	< 10	83	183	< 1	97.2	< 2	< 4	< 2	< 10	21	5.1	< 2	6	0
013612	W	< 2	< 10	355	28	< 1	44.7	3	5	< 2	< 10	56	12.0	< 2	5	0
013613	W	< 2	< 10	131	37	< 1	134.6	< 2	< 4	< 2	< 10	16	4.8	< 2	< 4	0
013615	W	< 2	< 10	56	48	< 1	49.2	< 2	< 4	< 2	< 10	7	2.7	< 2	< 4	0
013618	W	< 2	< 10	47	77	< 1	113.5	< 2	< 4	< 2	< 10	3	2.8	< 2	< 4	0
013619	W	< 2	< 10	1316	4	< 1	0.8	< 2	< 4	6	< 10	21	0.2	< 2	< 4	0
013620	W	< 2	< 10	43	74	< 1	129.3	< 2	< 4	< 2	< 10	7	1.9	< 2	5	0
013623	W	< 2	< 10	379	2	< 1	0.4	< 2	< 4	< 2	< 10	12	0.1	< 2	< 4	0
013624	W	< 2	< 10	328	26	< 1	1.9	< 2	< 4	< 2	< 10	24	0.5	< 2	< 4	0
013627	W	< 2	< 10	197	45	< 1	30.4	< 2	< 4	< 2	< 10	34	24.9	6	< 4	0
013628	W	< 2	< 10	281	176	< 1	42.5	< 2	< 4	< 2	< 10	52	8.7	17	9	0
013630	W	< 2	10	22	42	< 1	13.0	< 2	< 4	< 2	< 10	5	4.8	< 2	< 4	0
013631	W	< 2	11	30	176	< 1	63.9	< 2	< 4	< 2	< 10	12	19.6	2	8	0
013633	W	< 2	< 10	1839	3	< 1	0.7	< 2	< 4	< 2	< 10	16	0.1	< 2	< 4	0
013634	W	< 2	< 10	2327	5	< 1	0.8	< 2	< 4	< 2	< 10	18	0.2	< 2	< 4	0
013635	W	< 2	< 10	1324	2	< 1	0.7	< 2	< 4	< 2	< 10	13	0.1	5	< 4	0
013636	W	< 2	< 10	2142	3	< 1	0.7	5	< 4	< 2	< 10	13	0.2	< 2	< 4	0
013638	W	< 2	< 10	2378	< 2	< 1	0.9	< 2	< 4	< 2	< 10	17	0.2	< 2	5	0
013640	W	< 2	< 10	2726	3	< 1	1.2	< 2	< 4	< 2	< 10	22	0.3	3	9	0
013645	W	< 2	< 10	2558	< 2	< 1	1.5	< 2	< 4	< 2	< 10	22	0.4	< 2	7	0
013649	W	< 2	31	1843	13	< 1	7.4	< 2	< 4	3	< 10	47	2.7	3	14	0
013650	W	< 2	< 10	2012	12	< 1	8.0	< 2	< 4	< 2	< 10	44	2.9	2	12	0
013652	W	< 2	< 10	646	4	< 1	0.6	< 2	< 4	< 2	< 10	9	0.1	< 2	< 4	0
013658	W	< 2	< 10	2401	21	< 1	0.9	< 2	< 4	< 2	16	16	0.2	3	< 4	0
013659	W	< 2	< 10	819	23	< 1	6.3	< 2	< 4	< 2	< 10	50	7.5	24	< 4	0
013670	W	< 2	< 10	493	51	< 1	17.8	< 2	< 4	< 2	< 10	12	8.5	17	< 4	0
013673	W	< 2	< 10	855	51	< 1	13.1	< 2	< 4	< 2	< 10	22	4.3	4	< 4	0
013675	W	< 2	< 10	1091	27	< 1	6.3	6	< 4	< 2	< 10	13	2.3	< 2	< 4	0
013677	W	< 2	< 10	389	15	< 1	104.7	< 2	< 4	< 2	< 10	39	68.8	2	< 4	0
013678	W	< 2	< 10	198	26	< 1	2.3	< 2	< 4	< 2	< 10	8	0.7	4	< 4	0
013679	W	< 2	< 10	342	91	< 1	57.1	< 2	< 4	< 2	< 10	17	25.3	30	< 4	0
013683	W	< 2	< 10	717	8	< 1	0.8	< 2	< 4	< 2	< 10	8	0.1	< 2	< 4	0
013684	W	< 2	< 10	1272	37	< 1	26.0	< 2	< 4	< 2	< 10	22	24.3	90	< 4	0
013685	W	< 2	< 10	162	11	< 1	3.6	< 2	< 4	< 2	< 10	9	1.6	10	< 4	0
013687	W	< 2	< 10	158	254	< 1	38.2	< 2	< 4	< 2	< 10	17	14.8	< 2	< 4	0
013688	W	< 2	< 10	1721	23	< 1	1.8	< 2	< 4	< 2	< 10	17	0.5	< 2	9	0
013703	W	< 2	< 10	446	2	< 1	0.7	2	< 4	17	237	15	0.2	< 2	< 4	0
013704	W	< 2	< 10	199	4	< 1	0.7	< 2	< 4	< 2	< 10	14	0.1	< 2	< 4	0
013735	W	< 2	13	47	44	< 1	38.3	< 2	< 4	10	< 10	20	14.6	44	5	0
013736	W	< 2	< 10	119	10	< 1	3.3	< 2	< 4	< 2	< 10	26	1.9	< 2	< 4	0
013737	W	< 2	< 10	37	89	< 1	69.0	< 2	< 4	< 2	< 10	12	14.7	44	6	0
013738	W	< 2	< 10	81	50	< 1	11.9	< 2	< 4	< 2	< 10	33	5.6	25	5	0
013739	W	< 2	< 10	130	4	< 1	0.3	< 2	< 4	< 2	< 10	16	0.1	< 2	< 4	0
013740	W	< 2	< 10	252	2	< 1	0.3	< 2	< 4	< 2	< 10	14	0.1	< 2	< 4	0

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SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
013592	W	49.3		4 <	40			<		< 2	<	4 <		8 <	2	01
013593	W	244.0	<	4	244			<		< 2	<	4 <		89 <	2	01
013594	W	16.9	<	4	1477			<		< 2		14		46 <	2	01
013595	W	18.7		6 <	40			<		< 2	<	4 <		34 <	2	01
013599	W	5.9		5 <	40			<		< 2	<	4 <		129 <	2	01
013603	W	621.9	<	4 <	40			<		< 2	<	4 <		85	2	01
013606	W	21.1		7 <	40			<		< 2		4 <		25 <	2	01
013607	W	31.2		8 <	40			<		< 2		6		< 4 <	2	01
013609	W	34.9	<	4 <	40			<		< 2		76 <		9 <	2	01
013610	W	175.9	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013611	W	38.5	<	4 <	40			<		< 2	<	4 <		< 4	2	01
013612	W	185.3	<	4	73			<		< 2		6		< 4 <	2	01
013613	W	39.2	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013615	W	17.9	<	4 <	40			<		< 2	<	4 <		144 <	2	01
013618	W	11.4	<	4	130			<		< 2	<	4 <		< 4 <	2	01
013619	W	294.0	<	4	248			<		< 2	<	4 <		60 <	2	01
013620	W	15.8	<	4 <	40			<		< 2	<	4 <		7 <	2	01
013623	W	244.7	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013624	W	388.0	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013627	W	326.3		8 <	40			<		< 2		7		53 <	2	01
013628	W	510.0	<	4 <	40			<		< 2	<	4 <		304 <	2	01
013630	W	18.1	<	4 <	40			<		< 2	<	4 <		21 <	2	01
013631	W	62.6	<	4 <	40			<		< 2	<	4 <		26 <	2	01
013633	W	280.7	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013634	W	300.8		6 <	40			<		< 2	<	4 <		< 4 <	2	01
013635	W	263.6	<	4 <	40			<		< 2	<	4 <		7 <	2	01
013636	W	248.2	<	4 <	40			<		< 2		6		< 4 <	2	01
013638	W	308.9	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013640	W	354.1	<	4 <	40			<		< 2	<	4 <		11 <	2	01
013645	W	370.8	<	4 <	40			<		< 2	<	4 <		28 <	2	01
013649	W	696.7	<	4 <	40			<		< 2	<	4 <		9 <	2	01
013650	W	657.5	<	4 <	40			<		< 2	<	4 <		19 <	2	01
013652	W	200.4	<	4 <	40			<		< 2		5		< 4 <	2	01
013658	W	284.1	<	4 <	40			<		< 2	<	4 <		10 <	2	01
013659	W	440.4	<	4 <	40			<		< 2	<	4 <		92 <	2	01
013670	W	139.2	<	4 <	40			<		< 2	<	4 <		6 <	2	01
013673	W	367.0	<	4 <	40			<		< 2	<	4 <		30 <	2	01
013675	W	202.8		32 <	40			<		< 2	<	4 <		< 4 <	2	01
013677	W	163.9		18 <	40			<		< 2	<	4 <		7 <	2	01
013678	W	143.3		18 <	40			<		< 2	<	4 <		< 4 <	2	01
013679	W	92.8	<	4 <	40			<		< 2	<	4 <		399 <	2	01
013683	W	174.0		45 <	40			<		< 2	<	4 <		5 <	2	01
013684	W	209.9		10 <	40			<		< 2	<	4 <		17 <	2	01
013685	W	137.7	<	4 <	40			<		< 2	<	4 <		15 <	2	01
013687	W	54.7		16 <	40			<		< 2	<	4 <		13 <	2	01
013688	W	309.4		45 <	40			<		< 2	<	4 <		39 <	2	01
013703	W	219.5	<	4 <	40			<		< 2	<	4 <		151 <	2	01
013704	W	198.6	<	4 <	40			<		< 2	<	4 <		7 <	2	01
013735	W	42.2	<	4 <	40			<		< 2	<	4 <		161 <	2	01
013736	W	117.6		11 <	40			<		< 2	<	4 <		< 4 <	2	01
013737	W	16.9		6 <	40			<		< 2	<	4 <		167	2	01
013738	W	112.4	<	4 <	40			<		< 2	<	4 <		4 <	2	01
013739	W	175.3	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01
013740	W	194.8	<	4 <	40			<		< 2	<	4 <		< 4 <	2	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SE
013741	W	426	398	82	9.1		1.4	1130		30	< 0.5	0.2		0.42		01
013743	W	406	382	82	9.2		2.2	1010		37	< 0.5	0.3		0.31		01
013744	W	265	258	<5	8.3		2.6	1010		52	< 0.5	< 0.2		< 0.20		01
013745	W	296	288	<5	7.7		2.8	1020		71	5.4	2.2		2.79		01
013746	W	426	389	82	8.9		4.1	1130		32	< 0.5	0.3		0.60		01
013747	W	382	348	70	9.2		4.3	860		46	< 0.5	0.2		0.36		01
013748	W	342	328	52	9.1		5.3	870		42	< 0.5	< 0.2		0.30		01
013749	W	412	388	72	9.3		2.9	1130		57	< 0.5	0.2		< 0.20		01
101803	W	460	474	70	9.2		8.4	880		62	< 0.5	0.6		0.35		01
101805	W	64	66	<5	6.8		7.1	440		280	< 0.5	0.3		0.22		01
101806	W	178	174	<5	6.7		2.3	500		13	< 0.5	0.6		< 0.20		01
101807	W	514	512	<5	7.8		1.3	5060		265	< 0.5	0.5		0.47		01
101808	W	96	94	<5	7.3		6.3	340		< 5	< 0.5	0.6		< 0.20		01
101930	W	234	238	<5	7.1		5.1	610		9	< 0.5	< 0.2		2.07		01
101931	W	144	144	<5	6.7		4.5	640		38	< 0.5	< 0.2		< 0.20		01
101934	W	176	173	<5	6.1		3.4	1030		121	< 0.5	< 0.2		< 0.20		01
101936	W	102	104	<5	6.5		3.4	430		5	< 0.5	0.3		< 0.20		01
101937	W	290	292	12	8.2		3.1	730		11	< 0.5	0.3		< 0.20		01
101939	W	177	175	<5	6.6		2.4	615		7	< 0.5	< 0.2		< 0.20		01
101941	W	110	106	<5	6.9		2.2	640		27	0.6	0.2		2.00		01
101942	W	212	212	<5	6.4		4.9	1345		23	< 0.5	< 0.2		3.94		01
101947	W	130	132	<5	7.3		4.6	470		16	< 0.5	< 0.2		< 0.20		01
101948	W	78	78	<5	6.3		6.7	450		7	< 0.5	< 0.2		< 0.20		01
101951	W	269	278	<5	7.3		3.6	700		22	3.6	0.4		1.33		01
101952	W	56	56	<5	6.7		8.1	370		< 5	< 0.5	< 0.2		< 0.20		01
101956	W	247	262	<5	8.3		9.9	600		< 5	< 0.5	< 0.2		1.47		01
101957	W	70	68	<5	7.9		6.9	360		< 5	< 0.5	< 0.2		< 0.20		01
101958	W	50	52	<5	8.1		6.1	360		6	< 0.5	< 0.2		< 0.20		01
101962	W	256	246	<5	7.9		14.1	700		12	< 0.5	< 0.2		1.70		01
101964	W	126	124	<5	8.3		8.4	520		7	0.5	< 0.2		< 0.20		01
101965	W	280	274	<5	7.1		7.8	670		11	< 0.5	< 0.2		2.17		01
101970	W	170	180	<5	6.4		7.7	1040		53	< 0.5	< 0.2		3.29		01
101974	W	763	775	60		8.5	1.3	2120		109	0.9	0.3		< 0.20		01
101977	W	319	332	<5		7.5	1.4	1350		27	< 0.5	< 0.2		3.52		01
101980	W	256	250	<5		7.2	3.7	710		14	< 0.5	0.2		2.68		01
101981	W	538	524	<5	7.3		3.4	1600		13	0.5	0.2		12.22		01
101982	W	263	270	<5		7.5	5.9	810		18	1.0	< 0.2		1.41		01
102049	W	395	400	<5	7.2		4.3	940		20	< 0.5	0.4	< 0.020			01
102050	W	605	552	60	9.4		4.6	980		30	< 0.5	0.3	< 0.020			01
102051	W	180	180	<5	6.2		6.8	710		8	< 0.5	0.3	0.680			01
102052	W	335	342	<5	6.5		2.4	1500		285	< 0.5	0.3	2.180			01
102053	W	324	308	<5	7.0		6.6	800		83	< 0.5	< 0.2	2.000			01
102054	W	506	518	<5	6.7		2.2	2000		70	< 0.5	0.5	5.030			01
102055	W	165	168	<5	6.5		3.2	720		6	< 0.5	< 0.2	0.420			01
102095	W	515	538	52	9.1		2.4	1060		50	0.5	0.5		< 0.20		01
102096	W	554	570	40	8.9		3.5	1860		186	< 0.5	0.4		1.59		01
102097	W	136	134	<5	6.4		5.1	450		42	< 0.5	< 0.2		< 0.20		01
102098	W	326	332	<5	8.4		2.2	680		24	< 0.5	0.3		< 0.20		01
102100	W	444	456	<5	7.7		5.0	1220		163	< 0.5	0.4		< 0.20		01
102101	W	345	340	24	8.7		2.7	1070		111	< 0.5	0.2		< 0.20		01
102102	W	250	244	<5	6.9		3.0	1060		70	< 0.5	0.5		3.91		01
102103	W	789	792	32	8.4		3.2	3270		250	< 0.5	0.5		0.49		01
102104	W	130	126	<5	6.9		3.8	650		50	< 0.5	< 0.2		< 0.20		01
102106	W	198	198	<5	6.8		2.7	750		27	< 0.5	0.2		0.26		01

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
013741	W	< 2	< 10	242	3	< 1	0.7	< 2	< 4	< 2	< 10	15	0.1	< 2	4	01
013743	W	< 2	< 10	151	< 2	< 1	0.6	3	< 4	< 2	< 10	14	0.1	< 2	< 4	01
013744	W	< 2	< 10	81	6	< 1	6.4	< 2	< 4	< 2	< 10	29	1.3	8	< 4	01
013745	W	< 2	< 10	51	42	< 1	59.8	8	< 4	< 2	< 10	22	10.1	35	8	01
013746	W	< 2	< 10	322	< 2	< 1	< 0.1	7	< 4	< 2	< 10	13	< 0.1	< 2	< 4	01
013747	W	< 2	< 10	115	< 2	< 1	0.1	4	< 4	< 3	< 10	18	< 0.1	< 2	< 4	01
013748	W	< 2	< 10	72	4	< 1	0.5	< 2	< 4	< 2	< 10	21	0.1	< 2	< 4	01
013749	W	< 2	< 10	370	2	< 1	0.7	< 2	< 4	< 2	< 10	18	0.2	< 2	< 4	01
101803	W	< 2	< 10	828	8	< 1	1.0	< 2	< 4	< 2	< 10	13	0.3	< 2	< 4	01
101805	W	< 2	< 10	12	23	< 1	12.5	< 2	< 4	23	< 10	6	2.7	15	< 4	01
101806	W	< 2	< 10	88	2	< 1	30.4	< 2	< 4	< 2	< 10	18	10.0	34	5	01
101807	W	< 2	< 10	2648	14	< 1	19.9	< 2	< 4	< 2	< 10	36	8.7	9	< 4	01
101808	W	< 2	10	6	81	< 1	19.8	< 2	< 4	355	< 10	9	5.1	< 2	< 4	01
101930	W	< 2	< 10	16	146	< 1	67.5	3	< 4	< 2	< 10	8	7.1	< 2	< 4	01
101931	W	< 2	22	40	138	< 1	52.7	< 2	< 4	2	< 10	5	13.8	5	< 4	01
101934	W	< 2	< 10	28	253	< 1	48.2	5	5	17	< 10	20	13.9	10	5	01
101936	W	< 2	< 10	17	80	< 1	19.1	< 2	< 4	< 2	< 10	8	6.3	2	< 4	01
101937	W	< 2	< 10	718	6	< 1	7.7	2	< 4	< 2	< 10	14	2.7	< 2	< 4	01
101939	W	< 2	11	15	85	< 1	48.1	8	< 4	8	< 10	16	10.2	2	< 4	01
101941	W	< 2	< 10	64	166	< 1	63.9	< 2	< 4	24	< 10	6	11.7	2	4	01
101942	W	< 2	< 10	36	463	< 1	128.4	< 2	< 4	17	< 10	9	40.1	14	< 4	01
101947	W	< 2	< 10	42	126	< 1	24.3	6	3	< 2	< 10	4	6.2	2	7	01
101948	W	< 2	< 10	26	132	< 1	22.9	< 2	< 4	7	< 10	3	6.4	2	< 4	01
101951	W	< 2	< 10	104	318	< 1	47.3	< 2	< 4	< 2	< 10	18	34.5	< 2	< 4	01
101952	W	< 2	< 10	17	51	< 1	16.2	< 2	< 4	< 2	< 10	< 2	2.4	11	< 4	01
101956	W	< 2	< 10	32	392	< 1	53.9	< 2	< 4	< 2	< 10	6	21.7	< 2	< 4	01
101957	W	< 2	< 10	23	237	< 1	20.7	< 2	< 4	14	< 10	4	5.1	8	< 4	01
101958	W	< 2	< 10	27	85	< 1	11.9	< 2	5	6	< 10	3	3.5	16	< 4	01
101962	W	< 2	< 10	63	125	< 1	51.0	< 2	< 4	8	< 10	7	26.9	22	< 4	01
101964	W	< 2	< 10	66	246	< 1	30.2	2	< 4	2	< 10	4	9.5	< 2	4	01
101965	W	< 2	< 10	74	113	12	60.7	13	15	11	< 10	16	12.5	13	9	01
101970	W	< 2	< 10	55	215	< 1	95.6	< 2	< 4	4	< 10	3	28.7	5	< 4	01
101974	W	< 2	< 10	3620	18	< 1	1.8	< 2	< 4	< 2	< 10	13	0.5	< 2	< 4	01
101977	W	< 2	< 10	183	87	< 1	54.7	< 2	< 4	2	< 10	23	13.2	31	< 4	01
101980	W	< 2	10	90	133	< 1	65.4	< 2	< 4	13	< 10	11	18.4	< 2	< 4	01
101981	W	< 2	< 10	230	243	< 1	73.0	< 2	< 4	2	< 10	16	54.3	< 2	5	01
101982	W	< 2	< 10	101	422	< 1	72.9	2	7	< 2	< 10	7	34.1	2	7	01
102049	W	< 2	< 10	471	64	< 1	27.7	< 2	< 4	< 2	< 10	21	9.4	19	< 4	01
102050	W	< 2	< 10	458	4	< 1	1.0	< 2	< 4	< 2	< 10	16	0.3	< 2	< 4	01
102051	W	< 2	< 10	60	144	< 1	45.1	< 2	5	< 2	< 10	6	7.9	3	< 4	01
102052	W	< 2	< 10	60	21	< 1	282.2	< 2	< 4	3	< 10	28	12.8	814	< 4	01
102053	W	< 2	< 10	24	29	< 1	69.8	< 2	< 4	< 2	< 10	< 2	1.3	3	5	01
102054	W	< 2	< 10	167	26	< 1	151.2	< 2	< 4	< 2	< 10	43	29.6	< 2	< 4	01
102055	W	< 2	< 10	26	104	< 1	65.6	< 2	< 4	16	< 10	6	6.9	3	< 4	01
102095	W	< 2	124	1466	< 2	< 1	0.5	< 2	< 4	< 2	< 10	9	0.1	< 2	11	01
102096	W	< 2	< 10	2018	4	< 1	1.1	< 2	< 4	< 2	< 10	20	0.4	2	< 4	01
102097	W	< 2	< 10	135	63	< 1	26.0	< 2	< 4	3	< 10	17	9.7	4	5	01
102098	W	< 2	< 10	1016	10	< 1	4.0	< 2	< 4	< 2	< 10	19	1.6	< 2	< 4	01
102100	W	< 2	< 10	2774	17	< 1	15.3	3	< 4	< 2	< 10	38	7.2	< 2	< 4	01
102101	W	< 2	< 10	924	2	< 1	3.0	< 2	< 4	< 2	< 10	18	0.7	< 2	< 4	01
102102	W	< 2	< 10	84	110	< 1	118.4	3	6	17	< 10	21	37.2	224	4	01
102103	W	< 2	< 10	3372	13	< 1	4.6	2	6	< 2	< 10	41	2.4	3	< 4	01
102104	W	< 2	< 10	21	60	< 1	47.3	< 2	< 4	< 2	< 10	10	9.5	4	< 4	01
102106	W	< 2	< 10	69	109	< 1	37.3	2	< 4	< 2	< 10	18	7.6	< 2	< 4	01

[redacted] F 3 [redacted]

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
013741	W	194.6	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
013743	W	173.5	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
013744	W	133.3	< 4	< 40			<		< 2		< 4	<		28	< 2	01
013745	W	52.0	< 4	< 40			<		< 2		< 4	<		125	< 2	01
013746	W	186.7	4	< 40			<		< 2		< 4	<		< 4	< 2	01
013747	W	174.8	< 4	< 40			<		< 2		< 4	<		9	< 2	01
013748	W	145.3	< 4	< 40			<		< 2		< 4	<		5	< 2	01
013749	W	184.9	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
101803	W	207.6	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
101805	W	23.5	< 4	< 40			<		< 2		< 4	<		236	< 2	01
101806	W	40.6	< 4	< 40			<		< 2		< 4	<		18	< 2	01
101807	W	569.3	8	< 40			<		< 2		< 4			< 4	< 2	01
101808	W	12.6	< 4	90			<		< 2		< 4	<		59	< 2	01
101930	W	18.9	5	< 40			<		< 2		< 4			15	< 2	01
101931	W	32.0	4	< 40			<		< 2		< 4	<		12	< 2	01
101934	W	102.8	< 4	< 40			<		< 2					10	< 2	01
101936	W	13.5	< 4	< 40			<		< 2					21	< 2	01
101937	W	128.7	4	54			<		< 2		< 4			5	< 2	01
101939	W	31.7	9	< 40			<		< 2		< 4	<		< 4	< 2	01
101941	W	17.9	< 4	< 40			<		< 2		< 4	<		88	< 2	01
101942	W	54.6	8	< 40			<		< 2		< 4	<		1907	< 2	01
101947	W	38.9	< 4	< 40			<		< 2			6		46	< 2	01
101948	W	11.2	27	< 40			<		< 2		< 4	<		33	< 2	01
101951	W	27.3	< 4	< 40			<		< 2					41	< 2	01
101952	W	6.6	19	< 40			<		< 2		< 4	<		80	< 2	01
101956	W	12.6	15	< 40			<		< 2		< 4	<		9	< 2	01
101957	W	14.3	< 4	< 40			<		< 2		< 4	<		660	< 2	01
101958	W	7.1	< 4	< 40			<		< 2		< 4			165	< 2	01
101962	W	24.8	< 4	< 40			<		< 2		< 4	<		161	< 2	01
101964	W	16.6	< 4	< 40			<		< 2		< 4	<		230	< 2	01
101965	W	35.0	19	< 40				10	2			15		489	10	01
101970	W	40.5	< 4	< 40			<		< 2		< 4	<		8	< 2	01
101974	W	272.0	4	< 40			<		< 2			4		9	< 2	01
101977	W	122.2	< 4	< 40			<		< 2		< 4	<		352	< 2	01
101980	W	25.7	< 4	< 40			<		< 2		< 4	<		22	< 2	01
101981	W	124.5	< 4	< 40			<		< 2			15		15	< 2	01
101982	W	14.4	4	< 40			<		< 2		< 4			128	< 2	01
102049	W	102.0	5	< 40			<		< 2		< 4	<		126	< 2	01
102050	W	181.1	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
102051	W	13.2	6	< 40			<		< 2		< 4			34	< 2	01
102052	W	30.8	< 4	< 40			<		< 2		< 4	<		28	< 2	01
102053	W	2.0	< 4	< 40			<		< 2		< 4	<		9	< 2	01
102054	W	88.0	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
102055	W	17.6	4	< 40			<		< 2		< 4	<		27	< 2	01
102095	W	274.9	6	450			<		< 2		< 4			< 4	< 2	01
102096	W	389.1	< 4	155			<		< 2		< 4	<		6	< 2	01
102097	W	52.4	< 4	< 40			<		< 2		< 4	<		10	< 2	01
102098	W	174.6	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
102100	W	260.5	5	< 40			<		< 2		< 4	<		8	< 2	01
102101	W	259.6	< 4	< 40			<		< 2		< 4	<		< 4	< 2	01
102102	W	45.2	< 4	< 40			<		< 2			6		9	< 2	01
102103	W	531.4	< 4	< 40			<		< 2					< 4	< 2	01
102104	W	68.9	4	< 40			<		< 2		< 4	<		< 4	< 2	01
102106	W	80.6	< 4	< 40			<		< 2		< 4			< 4	< 2	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT
102107	W	250	244	<5	7.2		2.7	870		157	< 0.5	< 0.2		< 0.20	
102116	W	72	78	<5	6.3		9.0	390		14	< 0.5	< 0.2		< 0.20	
102117	W	290	272	<5	7.8		5.9	535		< 5	< 0.5	0.2		1.41	
102118	W	66	70	<5	6.5		1.5	240		< 5	< 0.5	< 0.2		< 0.20	
102151	W	190	182	<5	6.8		2.1	410		< 5	< 0.5	< 0.2		0.25	
102152	W	566	582	<5	6.9		1.4	1190		130	< 0.5	0.4		0.34	
102156	W	42	40	<5	5.9		5.9	295		< 5	< 0.5	< 0.2		< 0.20	
102157	W	94	98	<5	6.2		4.8	335		22	< 0.5	< 0.2		< 0.20	
102159	W	488	482	20	7.8		1.9	1220		175	< 0.5	0.5		< 0.20	
102160	W	372	376	<5	7.3		4.7	920		125	< 0.5	0.2		< 0.20	
102162	W	98	99	<5	6.3		2.7	370		21	< 0.5	< 0.2		< 0.20	
102165	W	494	480	34	8.7		1.3	1400		179	< 0.5	< 0.2		< 0.20	
102166	W	436	434	74	9.2		2.8	815		52	< 0.5	0.3		0.69	
102167	W	520	520	37	8.3		1.3	890		< 5	< 0.5	0.3		< 0.20	
102171	W	34	37	<5	5.8		4.5	340		10	< 0.5	< 0.2		< 0.20	
102172	W	252	263	<5	6.8		1.6	580		87	< 0.5	< 0.2		2.07	
102173	W	234	228	<5	7.5		5.7	505		52	< 0.5	< 0.2		0.65	
102175	W	166	158	<5	7.6		5.2	355		10	< 0.5	< 0.2		< 0.20	
102177	W	196	194	<5	6.5		9.3	360		9	< 0.5	< 0.2		< 0.20	
102179	W	666	652	103	9.1		1.0	970		28	< 0.5	0.2		< 0.20	
102181	W	768	758	138	9.3		1.9	1090		29	< 0.5	0.3		< 0.20	
102183	W	1090	1084	98	8.8		2.4	2030		139	< 0.5	0.3		< 0.20	
102184	W	418	430	<5	7.2		3.2	715		14	< 0.5	0.3		< 0.20	
102189	W	270	262	<5	6.7		2.8	565		48	< 0.5	0.2		< 0.20	
102191	W	628	644	18	8.0		5.9	940		46	< 0.5	0.3		< 0.20	
102192	W	1032	1042	60	8.5		2.1	2445		196	< 0.5	0.3		< 0.20	
102194	W	713	704	112	9.2		8.2	1110		74	< 0.5	< 0.2		< 0.20	
102195	W	504	510	<5	7.1		2.2	800		44	< 0.5	< 0.2		< 0.20	
102198	W	470	478	<5	6.6		4.3	1040		177	< 0.5	< 0.2		< 0.20	
102199	W	568	566	24	8.0		1.8	2330		106	< 0.5	< 0.2		< 0.20	
102202	W	238	246	<5	6.5		1.3	765		68	< 0.5	< 0.2		< 0.20	
102203	W	596	594	38	8.3		2.5	2035		65	< 0.5	0.3		< 0.20	
102204	W	420	422	<5	6.5		2.0	760		91	< 0.5	0.2		< 0.20	
102207	W	450	440	60	9.0		3.5	1140		57	< 0.5	0.3		< 0.20	
102211	W	442	440	25	8.5		2.9	1070		66	< 0.5	0.3		< 0.20	
102212	W	510	510	64	8.9		3.5	1545		137	< 0.5	0.3		< 0.20	
102214	W	320	322	<5	7.1		5.6	540		19	< 0.5	0.3		1.67	
102216	W	552	542	<5	7.2		8.9	800		22	0.5	0.4		3.79	
102222	W	589	551	<5	7.2		9.6	940		40	0.6	0.3		9.99	
102223	W	589	633	<5	7.1		7.0	1390		48	0.5	0.4		13.74	
102224	W	650	658	<5	7.3		3.1	1680		49	< 0.5	0.2		15.50	
102225	W	364	366	<5	6.8		7.6	740		14	< 0.5	0.3		4.25	
102226	W	582	600	<5	7.7		7.6	1680		50	< 0.5	0.4		1.91	
102228	W	328	324	<5	7.6		10.7	570		19	< 0.5	0.2		< 0.20	
102230	W	354	360	<5	7.1		6.1	830		32	0.9	0.4		6.11	
102231	W	450	445	<5	7.3		1.8	2055		125	< 0.5	0.2		6.25	
102272	W	192	190	<5	7.5		7.9	450		23	< 0.5	< 0.2	0.510		
102273	W	230	240	<5	5.6		2.8	800		< 5	< 0.5	< 0.2	0.280		
102275	W	182	184	<5	5.4		5.4	139		62	< 0.5	< 0.2	1.730		
102276	W	294	297	<5	6.8		2.8	880		19	< 0.5	< 0.2	< 0.020		
102277	W	872	854	36	8.5		4.2	1980		77	< 0.5	0.4	< 0.020		
102278	W	260	267	<5	8.0		5.4	820		49	< 0.5	< 0.2	< 0.020		
102281	W	264	274	<5	6.8		1.0	585		16	< 0.5	< 0.2	< 0.020		
102282	W	38	42	<5	6.9		6.1	400		< 5	< 0.5	< 0.2	< 0.020		

ANALYTICAL RESULTS - WELL WATER

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SE
102107	W	< 2	< 10	211	25	< 1	68.6	2	< 4	< 2	< 10	296	18.4	102	4	01
102116	W	< 2	< 10	41	256	< 1	17.2	< 2	< 4	4	< 10	13	6.2	6	< 4	01
102117	W	< 2	< 10	66	96	< 1	67.5	< 2	< 4	< 2	< 10	4	18.7	2	< 4	01
102118	W	< 2	< 10	25	89	< 1	32.1	< 2	< 4	< 2	< 10	3	8.4	< 2	5	01
102151	W	< 2	< 10	38	86	< 1	49.1	< 2	< 4	3	< 10	17	9.8	4	< 4	01
102152	W	< 2	< 10	309	63	< 1	122.4	2	< 4	< 2	< 10	25	48.6	319	< 4	01
102156	W	< 2	< 10	25	57	< 1	9.3	3	< 4	32	< 10	5	2.7	14	< 4	01
102157	W	< 2	< 10	24	131	< 1	29.7	< 2	< 4	11	< 10	9	6.4	6	< 4	01
102159	W	< 2	< 10	999	20	< 1	29.7	< 4	< 4	< 2	< 10	25	11.6	5	< 4	01
102160	W	< 2	< 10	326	20	< 1	73.4	< 2	< 4	< 2	< 10	26	20.6	38	< 4	01
102162	W	< 2	< 10	12	80	< 1	26.9	< 2	< 4	< 2	< 10	8	7.8	< 2	6	01
102165	W	< 2	< 10	1431	10	< 1	1.8	< 2	< 4	< 2	< 10	18	0.8	< 2	< 4	01
102166	W	< 2	< 10	622	14	< 1	0.8	< 2	< 4	< 2	< 10	13	0.4	< 2	< 4	01
102167	W	< 2	< 10	1824	27	< 1	4.8	< 2	< 4	< 2	< 10	30	2.0	< 2	< 4	01
102171	W	< 2	< 10	20	71	< 1	8.6	< 2	< 4	28	< 10	4	2.8	4	< 4	01
102172	W	< 2	< 10	63	33	< 1	114.5	< 2	< 4	< 2	< 10	21	10.1	66	< 4	01
102173	W	< 2	< 10	103	27	< 1	66.5	< 2	< 4	< 2	< 10	12	13.3	17	< 4	01
102175	W	< 2	< 10	26	39	< 1	44.3	< 2	< 4	< 2	< 10	5	5.3	< 2	< 4	01
102177	W	< 2	< 10	33	113	< 1	42.3	< 2	< 4	< 2	< 10	5	4.8	< 2	< 4	01
102179	W	< 2	< 10	175	6	< 1	0.8	< 2	< 4	< 2	< 10	16	0.1	< 2	< 4	01
102181	W	< 2	< 10	986	8	< 1	0.5	< 2	< 4	< 2	< 10	13	0.1	< 2	7	01
102183	W	< 2	12	3865	7	< 1	1.1	< 2	< 4	< 2	< 10	22	0.4	< 2	7	01
102184	W	< 2	16	35	134	< 1	78.7	< 2	< 4	< 2	< 10	10	9.1	< 2	< 4	01
102189	W	< 2	14	55	26	< 1	56.6	< 2	< 4	< 2	< 10	6	13.4	155	4	01
102191	W	< 2	< 10	266	24	< 1	9.5	< 2	< 4	< 2	< 10	22	1.9	< 2	< 4	01
102192	W	< 2	< 10	3419	26	< 1	3.5	< 2	< 4	< 2	< 10	21	2.0	22	< 4	01
102194	W	< 2	< 10	1044	16	< 1	0.5	< 2	< 4	< 2	< 10	13	0.1	< 2	< 4	01
102195	W	< 2	< 10	252	72	< 1	51.0	< 2	< 4	< 2	< 10	21	17.8	3	< 4	01
102198	W	< 2	< 10	90	59	< 1	134.3	< 2	< 4	< 2	< 10	29	21.0	8	< 4	01
102199	W	< 2	< 10	585	33	< 1	6.6	< 2	< 4	< 2	< 10	40	4.6	3	< 4	01
102202	W	< 2	< 10	61	80	< 1	77.7	2	< 4	< 2	< 10	20	5.5	3	< 4	01
102203	W	< 2	< 10	441	13	< 1	6.9	3	< 4	18	< 10	21	3.0	< 2	6	01
102204	W	< 2	< 10	74	30	< 1	89.3	2	< 4	< 2	< 10	19	7.6	6	5	01
102207	W	< 2	< 10	2217	22	< 1	6.5	< 2	< 4	< 2	< 10	13	3.2	< 2	< 4	01
102211	W	< 2	< 10	438	11	< 1	4.2	< 2	< 4	< 2	< 10	17	0.8	< 2	< 4	01
102212	W	< 2	< 10	2103	3	< 1	0.9	< 2	< 4	8	< 10	12	0.2	< 2	< 4	01
102214	W	< 2	< 10	42	151	< 1	44.7	3	6	< 2	< 10	6	13.3	4	< 4	01
102216	W	< 2	< 10	151	475	< 1	55.5	< 2	< 4	< 2	< 10	13	40.7	2	< 4	01
102222	W	< 2	< 10	225	169	< 1	50.6	4	10	< 2	< 10	18	29.4	< 2	6	01
102223	W	< 2	< 10	192	252	< 1	71.6	2	8	< 2	< 10	14	42.2	3	< 4	01
102224	W	< 2	< 10	270	33	< 1	30.2	3	< 4	< 2	< 10	24	21.3	12	< 4	01
102225	W	< 2	< 10	80	448	< 1	67.4	3	< 4	< 2	< 10	8	19.9	2	< 4	01
102226	W	< 2	< 10	824	10	< 1	25.9	< 2	< 4	< 2	< 10	31	20.6	< 2	< 4	01
102228	W	< 2	< 10	95	56	< 1	39.0	4	5	< 2	< 10	12	11.5	66	< 4	01
102230	W	< 2	< 10	86	187	< 1	65.9	< 2	< 4	< 2	< 10	13	29.8	< 2	< 4	01
102231	W	< 2	< 10	707	12	< 1	44.7	< 2	< 4	< 2	< 10	66	40.7	< 2	< 4	01
102272	W	< 2	< 10	177	6	< 1	32.4	< 2	< 4	< 2	< 10	37	7.1	< 2	< 4	01
102273	W	< 2	< 10	293	3	< 1	9.4	< 4	< 4	< 2	< 10	23	4.8	3	7	01
102275	W	< 2	< 10	23	132	< 1	76.0	< 2	< 4	< 2	< 10	8	27.9	22	< 4	01
102276	W	< 2	< 10	811	18	< 1	23.0	3	< 4	< 2	< 10	25	6.7	8	< 4	01
102277	W	< 2	< 10	2593	3	< 1	3.0	< 2	< 4	< 2	< 10	24	1.3	< 2	< 4	01
102278	W	< 2	< 10	296	36	< 1	36.0	< 2	< 4	< 2	< 10	21	15.5	< 2	< 4	01
102281	W	< 2	< 10	199	17	< 1	26.6	< 2	< 4	< 2	< 10	17	12.6	5	< 4	01
102282	W	< 2	< 10	14	84	< 1	9.7	< 2	< 4	< 2	< 10	6	3.2	2	< 4	01

ANALYTICAL RESULTS - WELL WATER — PAGE 3 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SE
102107	W	84.0		< 4	< 40			<		< 2	< 4	<		47	< 2	01
102116	W	36.4		< 4	< 40			<		< 2	< 4	<		312	< 2	01
102117	W	31.5		< 4	< 40			<		< 2	< 4	<		69	< 2	01
102118	W	12.0		< 4	< 40			<		< 2	< 4	<		61	< 2	01
102151	W	14.0		< 4	49			<		< 2	< 4	<		129	< 2	01
102152	W	87.7		< 4	< 40			<		< 2	< 4	<		15	< 2	01
102156	W	18.2		< 4	< 40			<		< 2	< 4	<		65	< 2	01
102157	W	22.5		< 4	< 40			<		< 2	< 4	<		28	< 2	01
102159	W	260.5		< 4	< 40			<		< 2	< 4	<		27	< 2	01
102160	W	134.4		< 4	< 40			<		< 2	< 4	<		49	< 2	01
102162	W	21.9		< 4	< 40			<		< 2	< 4	<		37	< 2	01
102165	W	335.9		5	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102166	W	253.8		5	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102167	W	276.8	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102171	W	6.8	<	4	< 40			<		< 2	< 4	<		53	< 2	01
102172	W	15.2	<	4	< 40			<		< 2	< 4	<		20	< 2	01
102173	W	51.4	<	4	< 40			<		< 2	< 4	<		379	< 2	01
102175	W	20.8	<	4	< 40			<		< 2	< 4	<		15	< 2	01
102177	W	25.2	<	4	< 40			<		< 2	< 4	<		30	< 2	01
102179	W	204.2	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102181	W	219.0	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102183	W	395.9	<	4	< 40			<		< 2	< 4	<		4	< 2	01
102184	W	38.5		4	< 40			<		< 2	< 4	<		8	< 2	01
102189	W	13.6	<	4	< 40			<		< 2	< 4	<		280	< 2	01
102191	W	189.9	<	4	< 40			<		< 2	< 4	<		41	< 2	01
102192	W	356.4	<	4	< 40			<		< 2	< 4	<		32	< 2	01
102194	W	222.9	<	4	< 40			<		< 2	6	<	< 4	< 4	< 2	01
102195	W	38.0	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102198	W	27.9	<	4	< 40			<		< 2	< 4	<		492	< 2	01
102199	W	359.4	<	4	< 40			<		< 2	< 4	<		6	< 2	01
102202	W	17.1	<	4	< 40			<		< 2	< 4	<		11	< 2	01
102203	W	292.7	<	4	< 40			<		< 2	< 4	<		184	< 2	01
102204	W	16.1	<	4	< 40			<		< 2	< 4	<		14	< 2	01
102207	W	213.6	<	4	< 40			<		< 2	< 4	<		17	< 2	01
102211	W	200.6	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102212	W	285.2	<	4	< 40			<		< 2	5	<		36	< 2	01
102214	W	31.3		14	< 40			<		< 2	5	<		106	< 2	01
102216	W	46.0	<	4	< 40			<		< 2	4	<		112	< 2	01
102222	W	90.4	<	4	< 40			<		< 2	6			81	< 2	01
102223	W	89.4	<	4	< 40			<		< 2	6			46	< 2	01
102224	W	186.7	<	4	< 40			<		< 2	< 4	<		139	< 2	01
102225	W	21.6		30	< 40			<		< 2	< 4	<		19	< 2	01
102226	W	221.2		31	< 40			<		< 2	< 4			56	< 2	01
102228	W	44.2		14	< 40			<		< 2	5			177	< 2	01
102230	W	46.4	<	4	< 40			<		< 2	< 4	<		416	< 2	01
102231	W	233.8	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102272	W	53.6	<	4	< 40			<		< 2	< 4	<		113	< 2	01
102273	W	84.6	<	4	86			<		< 2	< 4	<		33	< 2	01
102275	W	180.6		7	< 40			<		< 2	< 4	<		105	< 2	01
102276	W	105.4	<	4	< 40			<		< 2	< 4			14	< 2	01
102277	W	378.9	<	4	416			<		< 2	< 4	<		4	< 2	01
102278	W	68.4	<	4	< 40			<		< 2	< 4	<		39	< 2	01
102281	W	60.2	<	4	< 40			<		< 2	< 4	<	< 4	< 4	< 2	01
102282	W	13.2	<	4	< 40			<		< 2	< 4	<		16	< 2	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
102283	W	250	241	<5	7.6		2.5	510		29	< 0.5	< 0.2	< 0.020			01
102284	W	664	700	34	8.3		0.3	1430		225	< 0.5	0.4	< 0.020			01
102285	W	340	338	<5	8.0		3.2	1030		136	< 0.5	0.7		0.42		01
102286	W	145	142	<5	7.2		2.5	500		10	< 0.5	0.3		< 0.20		01
102287	W	64	54	<5	6.3		3.3	490		26	< 0.5	0.2		0.26		01
102288	W	868	884	63	8.2		2.8	1760		99	< 0.5	0.8		0.20		01
102457	W	666	660	<5	7.8		1.7	84		123	< 0.5	0.4		< 0.20		01
102458	W	850	850	62	8.9		3.7	91		28	< 0.5	0.3		< 0.20		01
102459	W	670	672	<5	7.6		3.3	107		142	< 0.5	0.4		< 0.20		01
102460	W	1185	1195	61	8.5		5.1	146		127	< 0.5	0.4		< 0.20		01
102545	W	33	34	<5	5.9		6.3	38		117	< 0.5	0.2		< 0.20		01

[redacted] K 3 [redacted]

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
102283	W	< 2	< 10	287	3	< 1	0.9	< 2	< 4	< 2	< 10	10	0.3	3	< 4	01
102284	W	< 2	< 10	2548	9	< 1	4.2	< 2	< 4	< 2	< 10	28	1.8	< 2	< 4	01
102285	W	< 2	< 10	755	< 2	< 1	10.1	< 2	< 4	< 2	< 10	20	3.5	< 2	< 4	01
102286	W	< 2	< 10	103	5	< 1	5.9	< 2	< 4	< 2	< 10	15	2.3	53	< 4	01
102287	W	< 2	< 10	31	31	< 1	13.6	< 2	< 4	44	< 10	13	4.0	31	< 4	01
102288	W	< 2	< 10	3644	4	< 1	1.2	< 2	< 4	9	< 10	25	0.4	< 2	< 4	01
102457	W	< 2	< 10	316	3	< 1	4.4	< 2	< 4	2	< 10	25	1.4	7	< 4	01
102458	W	< 2	< 10	464	< 2	< 1	0.8	< 2	< 4	20	< 10	11	0.1	< 2	6	01
102459	W	< 2	< 10	355	10	< 1	60.0	< 4	< 4	< 2	< 10	23	6.9	8	< 4	01
102460	W	< 2	< 10	1960	4	< 1	3.3	< 2	< 4	< 2	< 10	20	1.2	< 2	< 4	01
102545	W	< 2	12	15	28	< 1	12.6	< 2	< 4	98	< 10	6	4.0	4	< 4	01

[redacted] L 3 [redacted]

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
102283	W	123.5		< 4	673			< 1		< 2	< 4	< 1		8	< 2
102284	W	327.1		< 4	< 40			< 1		< 2	< 4	< 1		10	< 2
102285	W	215.9		< 4	236			< 1		< 2	< 4	< 1	< 4	< 2	
102286	W	47.8		< 4	< 40			< 1		< 2	< 4	< 1		12	< 2
102287	W	33.6		< 4	< 40			< 1		< 2	< 4	< 1		155	< 2
102288	W	345.8		< 4	169			< 1		< 2	< 4	< 1	< 4	< 2	
102457	W	186.0		< 4	< 40			< 1		< 2	< 4	< 1		9	< 2
102458	W	175.8		< 4	446			< 1		< 2	< 4	< 1	< 4	< 2	
102459	W	130.3		< 4	< 40			< 1		< 2	< 4	< 1		14	< 2
102460	W	283.9		< 4	< 40			< 1		< 2	< 4	< 1	< 4	< 2	
102545	W	11.3		6 <	40			< 1		< 2	< 4	< 1		194	< 2

[redacted] M 3 [redacted]

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT
012806	P	95	102	<5	7.1		2.2	450		14	< 0.5	0.2		< 0.20	
013184	P	292	283	<5	7.1		1.4	450		31	< 0.5	0.3		4.43	
013360	P	288	287	<5	7.1		1.6	615		14	< 0.5	< 0.2		1.17	
101938	P	86	88	<5	6.0		1.3	500		47	< 0.5	< 0.2		< 0.20	
101955	P	122	122	<5	6.6		1.6	410		10	< 0.5	< 0.2		3.39	

[redacted] N 3 [redacted]

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
012806	P	< 2	< 10	13	35	< 1	30.0	4	4	2	< 10	12	3.1	3	< 4
013184	P	< 2	< 10	34	65	< 1	106.5	< 2	< 4	< 2	< 10	4	1.1	< 2	7
013360	P	< 2	< 10	35	101	< 1	113.3	< 2	< 4	< 2	< 10	5	1.6	< 2	< 4
101938	P	< 2	< 10	11	265	< 1	22.5	< 2	< 4	< 2	< 10	9	5.3	< 2	< 4
101955	P	< 2	< 10	52	10	< 1	24.6	< 2	< 4	< 2	< 10	5	6.8	< 2	< 4

0 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SAM
012806	P	11.7	< 4	< 40			< 1		< 2			5	< 1	107	< 2	012
013184	P	7.9	< 4	< 40			< 1		< 2		< 4	< 1	< 4	< 2		012
013360	P	10.2	5	< 40			< 1		< 2		< 4	< 1	8	< 2		012
101938	P	30.4	< 4	< 40			< 1		< 2			5	< 1	< 4	< 2	012
101955	P	24.3	14	< 40			< 1		< 2		< 4	< 1	12	< 2		012

[redacted] P 3 [redacted]

ANALYTICAL RESULTS - STREAM SEDIMENT

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SE
012350	M										0.8	< 0.1		0.48	1.53	01
012351	M										1.5	0.2		0.70	1.62	01
012352	M										1.5	0.3		0.49	1.34	01
012353	M										0.5	< 0.1		0.58	1.76	01
012354	M										1.0	0.1		0.26	1.01	01
012356	M										1.1	0.4		0.38	1.36	01
012357	M										0.7	0.1		0.43	1.13	01
012358	M										0.7	0.2		0.55	1.59	01
012359	M										2.9	0.2		0.61	1.36	01
012360	M										7.6	1.7		2.25	3.18	01
012361	M										1.0	0.3		1.30	2.20	01
012362	M										4.8	< 0.1		1.12	1.70	01
012363	M										2.5	0.4		1.56	2.35	01
012364	M										1.6	0.2		1.42	2.32	01
012365	M										3.2	0.6		1.56	2.18	01
012366	M										4.0	< 0.1		1.53	2.08	01
012367	M										3.6	0.1		1.05	1.91	01
012369	M										0.5	< 0.1		0.76	2.48	01
012370	M										5.6	0.2		1.80	2.54	01
012371	M										2.2	0.3		1.07	1.97	01
012373	M										1.9	0.2		1.22	2.02	01
012374	M										2.5	0.4		1.50	2.62	01
012375	M										2.6	0.2		1.01	1.60	01
012376	M										3.0	< 0.1		0.82	1.04	01
012377	M										2.1	0.6		1.75	2.52	01
012378	M										2.2	0.1		0.82	1.75	01
012379	M										2.4	< 0.1		0.71	1.24	01
012380	M										3.4	< 0.1		1.94	2.69	01
012381	M										3.2	< 0.1		0.98	1.92	01
012382	M										3.4	0.2		0.80	1.79	01
012383	M										3.9	0.2		1.73	3.38	01
012384	M										2.3	0.1		1.57	2.45	01
012385	M										2.9	< 0.1		0.38	1.92	01
012386	M										0.8	0.2	<	0.25	1.74	01
012387	M										2.9	0.2		0.61	1.40	01
012388	M										0.8	0.3		0.30	1.60	01
012389	M										1.8	0.6		1.04	2.35	01
012390	M										4.1	< 0.1		0.65	1.52	01
012391	M										2.1	< 0.1		0.38	0.51	01
012392	M										1.0	0.2		0.39	1.11	01
012393	M										0	0.4		0.51	1.54	01
012394	M										2.6	< 0.1		0.38	0.73	01
012395	M										1.1	0.1		0.52	1.25	01
012396	M										2.9	< 0.1		0.51	0.97	01
012397	M										0.7	0.2		0.61	1.75	01
012399	M										3.4	0.6		1.56		01
012400	M										3.0	0.2		1.26	1.65	01
012401	M										3.5	0.2		1.47	3.29	01
012402	M										2.6	< 0.1		1.14	2.14	01
012403	M										0.8	0.3		0.89	1.57	01
012404	M										0.7	0.4		0.70	1.01	01
012405	M										1.0	0.3		0.47	1.06	01
012406	M										0.9	< 0.1		0.53	1.40	01
012407	M										0.7	< 0.1		0.45	1.34	01

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	S
012350	M	< 2	1.66	12	225	< 1	1.42	5	13	8	.62	10	.37	349	< 4	0
012351	M	< 2	1.59	10	217	< 1	2.02	5	10	13	.53	9	.42	327	< 4	0
012352	M	< 2	1.33	< 10	167	< 1	1.13	6	11	7	.50	8	.19	312	< 4	0
012353	M	< 2	1.55	12	199	< 1	.52	4	14	9	.67	12	.22	188	< 4	0
012354	M	< 2	.55	< 10	111	< 1	.31	< 4	5	4	.20	4	.12	132	< 4	0
012356	M	< 2	.85	< 10	117	< 1	.30	< 4	9	6	.40	6	.14	102	< 4	0
012357	M	< 2	.69	< 10	115	< 1	.30	< 4	7	5	.26	5	.14	54	< 4	0
012358	M	< 2	1.11	13	121	< 1	.68	< 4	11	6	.45	7	.25	87	< 4	0
012359	M	< 2	1.32	< 10	178	1	.16	4	12	10	.56	8	.19	178	< 4	0
012360	M	< 2	2.45	23	421	1	4.92	16	52	19	.93	19	.56	823	< 4	0
012361	M	< 2	2.82	26	235	1	.28	9	30	12	.35	25	.32	196	< 4	0
012362	M	< 2	2.03	11	206	1	.90	8	20	9	.93	16	.21	183	< 4	0
012363	M	< 2	2.50	15	210	1	1.28	8	28	9	.10	20	.27	217	< 4	0
012364	M	< 2	2.27	19	230	1	2.35	6	28	14	.15	22	.25	137	< 4	0
012365	M	< 2	3.92	22	310	1	2.38	10	34	17	.74	24	.47	372	< 4	0
012366	M	< 2	2.90	12	288	1	9.07	12	28	13	.38	17	.33	313	4	0
012367	M	< 2	.75	< 10	115	1	.11	< 4	13	6	.51	10	.09	105	< 4	0
012369	M	2	.74	< 10	130	< 1	.17	4	12	5	.53	11	.07	223	< 4	0
012370	M	< 2	2.39	19	208	2	.12	14	38	15	1.75	30	.37	311	< 4	0
012371	M	< 2	1.32	< 10	119	1	.27	7	20	7	.78	13	.16	134	< 4	0
012373	M	< 2	2.33	18	272	1	3.26	6	25	12	1.19	17	.27	216	< 4	0
012374	M	< 2	2.04	15	194	1	.92	14	24	11	1.07	16	.22	414	< 4	0
012375	M	< 2	.84	< 10	96	< 1	.44	4	10	5	.33	7	.11	83	< 4	0
012376	M	< 2	1.08	< 10	164	1	.37	< 4	10	8	.39	7	.14	96	< 4	0
012377	M	< 2	3.87	27	356	1	1.30	9	38	17	1.42	31	.47	150	< 4	0
012378	M	< 2	1.41	< 10	210	< 1	1.93	6	14	6	.59	10	.23	142	< 4	0
012379	M	< 2	.84	< 10	127	< 1	.62	< 4	7	5	.29	6	.11	80	< 4	0
012380	M	< 2	1.33	14	157	1	.32	8	22	10	1.02	15	.26	259	< 4	0
012381	M	< 2	.81	< 10	180	1	.18	< 4	10	7	.46	8	.13	139	< 4	0
012382	M	< 2	1.35	< 10	188	1	.12	4	13	10	.57	8	.18	202	< 4	0
012383	M	< 2	1.03	< 10	183	< 1	.71	< 4	8	7	.35	5	.11	158	< 4	0
012384	M	< 2	2.78	21	281	1	2.73	8	28	13	1.47	18	.34	338	< 4	0
012385	M	< 2	.89	< 10	162	< 1	.50	4	7	11	.28	5	.09	99	< 4	0
012386	M	< 2	.86	< 10	273	< 1	1.00	< 4	9	5	.39	6	.19	201	< 4	0
012387	M	< 2	1.82	11	195	1	3.78	9	14	9	.78	10	1.29	588	< 4	0
012388	M	< 2	.49	< 10	100	< 1	.25	4	6	5	.20	4	.11	73	< 4	0
012389	M	< 2	2.35	16	286	1	4.79	7	19	7	.77	11	.56	335	< 4	0
012390	M	< 2	1.67	< 10	177	1	2.27	5	14	8	.64	8	.32	239	< 4	0
012391	M	< 2	.76	< 10	126	< 1	.28	< 4	6	5	.27	4	.10	72	< 4	0
012392	M	< 2	.70	< 10	121	< 1	.29	< 4	7	4	.32	5	.12	80	< 4	0
012393	M	< 2	.60	< 10	102	< 1	.17	< 4	8	4	.28	5	.11	60	< 4	0
012394	M	< 2	.78	< 10	140	< 1	.44	< 4	6	5	.24	5	.08	43	< 4	0
012395	M	< 2	.88	10	139	< 1	.50	< 4	8	4	.36	6	.14	147	< 4	0
012396	M	< 2	.93	< 10	146	< 1	.20	< 4	8	5	.38	7	.08	156	< 4	0
012397	M	< 2	.84	< 10	133	< 1	.24	< 4	8	4	.34	5	.10	89	< 4	0
012399	M	< 2	4.75	25	226	1	5.54	11	38	10	1.89	24	.57	308	< 4	0
012400	M	< 2	.74	< 10	117	1	.09	< 4	10	6	.41	6	.13	67	< 4	0
012401	M	< 2	.81	< 10	94	< 1	4.19	< 4	7	5	.45	5	.07	171	< 4	0
012402	M	< 2	.53	44	82	< 1	1.57	< 4	5	4	.27	4	.06	140	< 4	0
012403	M	< 2	.93	< 10	125	< 1	4.08	< 4	8	4	.37	6	.10	137	< 4	0
012404	M	< 2	.90	< 10	123	< 1	3.32	< 4	7	3	.24	5	.07	89	< 4	0
012405	M	< 2	.88	10	155	< 1	1.11	< 4	7	9	.28	5	.08	122	< 4	0
012406	M	< 2	1.03	< 10	158	< 1	1.22	< 4	7	10	.31	6	.09	89	< 4	0
012407	M	< 2	.89	< 10	136	< 1	.17	< 4	5	7	.28	5	.08	63	< 4	0

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SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SR
012350	M	.22	5	6	69			2	3	1022		21	8	12	40	01
012351	M	.20 <	4	6	83			2	3	880		16	8	21	41	01
012352	M	.16	5	8	54			2	5	980		19	8	9	43	01
012353	M	.23	4	9	120			2	3	1234		23	7	28	49	01
012354	M	.09 <	4	3	26			1	2	694		7	4	4	38	01
012356	M	.11 <	4	5	63			1	2	801		14	5	8	30	01
012357	M	.16	4	4	44			1	4	806		10	4	5	37	01
012358	M	.21	5	3	64			2	3	1055		15	7	7	46	01
012359	M	.15	4	4	61			2	4	1108		18	5	17	44	01
012360	M	.21	6	35	415			5	7	1226		61	18	72	51	01
012361	M	.39	10	14	206			4	6	1576		45	8	37	73	01
012362	M	.31	4	12	107			3	6	1181		27	6	26	55	01
012363	M	.31	8	15	150			4	10	1569		42	10	29	71	01
012364	M	.26	9	12	208			3	5	1563		42	8	38	66	01
012365	M	.29	7	19	603			6	8	1967		52	19	81	76	01
012366	M	.18	6	15	374			5	11	1483		37	12	90	61	01
012367	M	.17 <	4	7	71			1	3	1014		17	4	16	64	01
012369	M	.08	6	9	79			1	5	752		15	4	16	82	01
012370	M	.36	6	20	265			4	4	1983		52	5	41	92	01
012371	M	.19	8	10	140			2	5	1154		27	6	21	55	01
012373	M	.33	6	16	226			3	3	1303		36	9	38	59	01
012374	M	.29	7	15	168			3	9	1230		33	10	23	78	01
012375	M	.13 <	4	6	53			1	4	613		12	4	9	40	01
012376	M	.17 <	4	8	59			2	4	846		13	5	13	46	01
012377	M	.46	9	18	195			6	7	1779		55	12	45	71	01
012378	M	.24 <	4	5	105			2	2	1121		22	7	11	44	01
012379	M	.12 <	4 <	2	50			1	3	670		8	4	7	35	01
012380	M	.19	5	9	255			2	3	1491		34	4	24	48	01
012381	M	.18	4	6	79			2	3	957		16	5	13	38	01
012382	M	.22	4	7	56			2	3	1133		18	6	17	45	01
012383	M	.09 <	4	2	58			1	3	972		14	7	8	94	01
012384	M	.20	8	14	331			4	7	1605		46	12	56	63	01
012385	M	.11 <	4	3	41			1	2	741		10	4	11	33	01
012386	M	.11 <	4	5	40			1	3	636		13	5	9	28	01
012387	M	.16 <	4	5	77			3	9	943		23	14	12	40	01
012388	M	.10	4	2	32			1	3	732		7	5	5	40	01
012389	M	.19	8	10	157			3	8	1459		23	11	17	68	01
012390	M	.15	4	9	107			2	6	960		18	8	12	43	01
012391	M	.07 <	4 <	2	37			1 <	2	511		7	3	6	19	01
012392	M	.11	6	6	52			1	2	771		10	5	6	35	01
012393	M	.13	4	3	36			1	4	975		10	5	8	49	01
012394	M	.09 <	4	4	32			1 <	2	475		6	3	8	20	01
012395	M	.14	5	5	77			1	3	893		12	5	9	46	01
012396	M	.10 <	4	4	63			1	2	712		11	4	11	37	01
012397	M	.15	4	3	61			1	2	860		11	4	10	46	01
012399	M	.12	10	14	261			7	8	1852		56	15	37	66	01
012400	M	.17	4	4	47			1	4	910		13	3	10	42	01
012401	M <	.05 <	4	3	83			2	3	729		12	6	6	52	01
012402	M <	.05 <	4 <	2	57			1	2	422		8	3	6	23	01
012403	M	.07	4	2	119			2	3	724		12	6	7	38	01
012404	M	.06 <	4	3	48			1 <	2	481		8	4	10	20	01
012405	M	.10	4	7	55			1	5	597		9	4	12	29	01
012406	M	.12 <	4	3	54			1	2	608		10	4	16	34	01
012407	M	.08 <	4	2	35			1 <	2	471		8	3	10	21	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
012408	M										1.5	< 0.1		1.06	1.92	01
012410	M										2.4	0.3		1.69	3.09	01
012411	M										7.4	0.5		1.43	2.47	01
012412	M										2.6	< 0.1		1.03	2.29	01
012413	M										1.4	0.1		1.05	1.61	01
012414	M										1.9	0.6		0.48	1.33	01
012415	M										1.1	< 0.1		0.49	1.37	01
012416	M										1.0	< 0.1		1.05	1.04	01
012417	M										0.8	< 0.1		0.54	0.77	01
012418	M										0.9	< 0.1		0.65	1.21	01
012419	M										0.7	< 0.1		0.73	2.29	01
012420	M										1.2	< 0.1		0.98	2.04	01
012421	M										0.4	< 0.1		0.42	0.42	01
012422	M										0.5	< 0.1	< 0.25	1.05		01
012[illegible]	M										0.4	0.2		0.34	1.67	01
012[illegible]	M										0.6	< 0.1		0.54	0.79	01
012425	M										0.6	< 0.1		0.28	0.72	01
012426	M										0.8	0.2	< 0.25	0.85		01
012427	M										0.5	0.3		0.27	1.14	01
012428	M										0.9	< 0.1		0.71	2.26	01
012429	M										0.6	0.1		0.52	1.71	01
012430	M										1.9	0.1		0.79	1.73	01
012431	M										2.1	0.4		1.10	2.50	01
012432	M										1.5	0.2		1.34	2.14	01
012434	M										0.8	0.2		0.69	0.94	01
012435	M										0.5	0.2		0.31	2.70	01
012436	M										0.4	< 0.1		0.61	1.08	01
012437	M										0.3	< 0.1		0.83	2.05	01
012438	M										0.4	< 0.1	< 0.25	0.73		01
012439	M										0.7	< 0.1		0.55	1.06	01
012440	M										0.4	< 0.1		0.48	1.41	01
012441	M										1.7	< 0.1		0.43	1.24	01
012442	M										0.6	< 0.1		0.43	2.96	01
012443	M										1.8	0.2		1.22	3.26	01
012444	M										1.2	0.1		0.49	1.97	01
012445	M										2.2	0.3		1.15	2.24	01
012447	M										1.5	0.1		0.28	1.45	01
012448	M										3.0	< 0.1		1.42	2.28	01
012449	M										1.3	< 0.1		0.81	1.65	01
012450	M										0.9	< 0.1		0.35	2.49	01
012451	M										1.3	< 0.1		1.21	5.45	01
012452	M										1.2	< 0.1		0.34	0.82	01
012453	M										1.9	< 0.1		0.91	1.86	01
012454	M										1.9	< 0.1		1.21	2.20	01
012456	M										2.3	0.2		1.37	2.01	01
012457	M										2.2	< 0.1		1.32	2.01	01
012458	M										3.2	< 0.1		1.16	2.21	01
012459	M										2.3	0.2		1.30	2.29	01
012460	M										2.1	< 0.1		0.88	1.45	01
012461	M										2.5	0.6		1.06	2.14	01
012462	M										2.7	0.1		0.86	1.95	01
012463	M										2.1	0.2		0.76	1.64	01
012464	M										2.0	< 0.1		1.84	2.16	01
012465	M										1.7	< 0.1		1.32	2.74	01

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
012408	M	< 2	.96	< 10	159	< 1	3.73	4	7	11	.37	7	.11	218	< 4	01
012410	M	< 2	1.81	< 10	193	1	5.83	7	18	12	.82	11	.24	386	< 4	01
012411	M	< 2	2.44	< 10	216	< 1	8.52	8	13	10	1.00	10	.19	1299	< 4	01
012412	M	< 2	1.42	15	202	< 1	1.42	< 4	10	10	.55	7	.16	151	< 4	01
012413	M	< 2	2.22	10	226	1	1.37	4	16	12	.70	11	.34	172	< 4	01
012414	M	< 2	1.85	14	230	< 1	.74	4	13	12	.69	8	.23	935	< 4	01
012415	M	< 2	1.53	11	177	< 1	.27	< 4	10	14	.46	7	.19	154	< 4	01
012416	M	< 2	.77	< 10	137	< 1	.09	< 4	6	13	.23	4	.06	56	< 4	01
012417	M	< 2	.79	< 10	135	< 1	.15	< 4	4	12	.21	4	.06	62	< 4	01
012418	M	< 2	.86	< 10	131	< 1	.13	< 4	5	12	.31	4	.09	55	< 4	01
012419	M	< 2	1.46	< 10	136	< 1	.49	< 4	3	9	.25	3	.06	177	< 4	01
012420	M	< 2	1.27	< 10	228	< 1	4.43	4	9	50	.45	6	.14	353	< 4	01
012421	M	< 2	.55	< 10	129	< 1	.28	< 4	5	8	.17	3	.06	135	5	01
012422	M	< 2	.55	< 10	156	< 1	.38	< 4	4	12	.20	3	.07	146	< 4	01
012423	M	< 2	.85	10	157	< 1	.13	< 4	5	12	.26	4	[illegible]	78	< 4	01
012424	M	< 2	[illegible]	< 10	109	< 1	.08	< 4	4	9	.18	3	[illegible]	57	< 4	01
012425	M	< 2	.82	< 10	139	< 1	.11	< 4	6	9	.29	4	.09	76	< 4	01
012426	M	< 2	.92	10	164	< 1	.10	5	7	10	.28	4	[illegible]	77	6	01
012427	M	< 2	.95	< 10	168	< 1	.37	5	8	10	.42	4	[illegible]	165	< 4	01
012428	M	< 2	1.27	12	198	< 1	.68	5	9	11	.51	5	.2[illegible]	282	< 4	01
012429	M	< 2	1.00	11	178	< 1	.18	< [illegible]	7	10	.34	4	[illegible]	92	< 4	01
012430	M	< 2	2.22	17	302	1	.68	8	17	12	.97	8	.2[illegible]	421	< 4	01
012431	M	< 2	1.88	14	337	1	2.25	8	14	12	.86	9	[illegible]30	1170	< 4	01
012432	M	< 2	2.19	13	279	1	.45	8	16	15	.91	10	.19	186	< 4	01
012434	M	< 2	.65	< 10	172	< 1	.18	< 4	4	9	.20	3	.06	86	< 4	01
012435	M	< 2	.78	< 10	178	< 1	.11	4	6	16	.22	4	.05	145	< 4	01
012436	M	< 2	.53	< 10	132	< 1	.45	< 4	4	16	.16	3	.06	123	< 4	01
012437	M	< 2	.71	10	164	< 1	.10	< 4	6	133	.23	4	.06	75	< 4	01
012438	M	< 2	.96	< 10	167	< 1	.07	< 4	7	51	.29	4	.09	51	< 4	01
012439	M	< 2	1.49	14	159	< 1	.68	4	13	220	.51	6	[illegible]7	107	< 4	01
012440	M	< 2	.95	10	159	< 1	.34	4	7	17	.26	4	.07	214	< 4	01
012441	M	< 2	2.17	17	269	< 1	1.43	6	17	19	.82	10	.26	398	< 4	01
012442	M	< 2	1.08	< 10	225	< 1	.13	< 4	6	20	.29	5	.07	127	< 4	01
012443	M	< 2	2.05	22	289	< 1	6.02	8	17	20	.92	10	.25	1171	< 4	01
012444	M	< 2	1.24	10	229	< 1	.29	4	10	16	.50	7	.09	497	< 4	01
012445	M	< 2	2.84	25	273	1	1.69	12	30	23	1.45	22	.30	324	4	01
012447	M	< 2	1.40	12	182	< 1	.44	7	13	19	.66	10	.13	393	< 4	01
012448	M	< 2	3.31	22	305	1	.56	14	31	31	1.58	22	.31	494	< 4	01
012449	M	< 2	1.33	12	147	< 1	.17	6	14	18	.71	9	.11	174	< 4	01
012450	M	< 2	1.07	< 10	248	< 1	.29	4	9	15	.41	6	.08	116	< 4	01
012451	M	< 2	.93	10	470	< 1	.18	4	9	8	.50	6	.07	266	< 4	01
012452	M	< 2	.98	< 10	149	< 1	.12	4	9	16	.43	7	.07	107	< 4	01
012453	M	< 2	1.70	13	179	< 1	.30	9	18	28	.91	12	.16	295	< 4	01
012454	M	< 2	2.38	15	169	1	.13	9	24	15	1.22	18	.17	182	< 4	01
012456	M	< 2	2.86	18	193	1	.20	15	29	25	1.51	18	.19	414	< 4	01
012457	M	< 2	2.59	17	178	1	.19	13	27	26	1.36	17	.17	270	< 4	01
012458	M	< 2	2.23	19	283	1	2.37	11	24	22	1.29	15	.23	654	< 4	01
012459	M	< 2	2.78	20	311	1	1.94	15	31	23	1.41	20	.28	659	< 4	01
012460	M	< 2	1.93	15	260	1	.59	10	19	19	.94	14	.16	435	< 4	01
012461	M	< 2	2.30	17	217	1	.71	10	23	13	1.13	17	.20	437	< 4	01
012462	M	< 2	2.06	14	225	1	.63	13	21	12	1.14	14	.19	588	< 4	01
012463	M	< 2	2.12	16	176	1	.73	7	22	11	.97	16	.20	213	< 4	01
012464	M	< 2	1.22	11	140	< 1	.35	< 4	13	8	.72	9	.09	301	< 4	01
012465	M	< 2	1.05	< 10	122	< 1	.43	< 4	13	8	.59	8	.08	224	< 4	01

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
012408	M	.09	< 4	5	109			1	2	688		12	5	14	35	
012410	M	.12	6	7	155			3	7	1280		27	10	19	68	
012411	M	.10	7	< 2	136			4	7	944		21	11	12	58	
012412	M	.18	4	4	73			2	5	992		15	7	14	72	
012413	M	.23	4	5	72			3	5	1230		21	7	16	53	
012414	M	.17	4	4	82			2	4	1030		19	6	31	47	
012415	M	.17	4	6	42			2	2	900		13	5	23	37	
012416	M	.06	< 4	8	30			1	< 2	768		8	4	20	55	
012417	M	.09	< 4	6	32			1	< 2	559		7	3	18	27	
012418	M	.05	< 4	4	35			1	< 2	683		10	5	21	34	
012419	M	< .05	5	5	33			4	3	1082		7	8	11	42	
012420	M	.12	5	11	78			2	3	896		14	7	22	53	
012421	M	.05	< 4	2	26			1	5	488		7	3	17	23	
012422	M	.05	< 4	3	26			1	< 2	823		7	3	23	24	
012423	M	.09	< 4	3	36			1	3	823		8	4	19	57	
012424	M	< .05	< 4	5	20			1	2	655		6	3	18	36	
012425	M	.07	< 4	4	42			1	2	623		9	4	19	30	
012426	M	.09	5	5	33			1	6	568		9	4	20	23	
012427	M	.07	5	4	53			4	8	673		10	9	25	48	
012428	M	.10	5	6	54			2	5	922		13	7	22	54	
012429	M	.12	< 4	5	86			1	5	805		10	5	24	46	
012430	M	.16	6	8	74			3	5	1210		24	9	31	60	
012431	M	.16	4	6	151			3	8	1157		23	8	33	59	
012432	M	.21	7	4	121			3	8	1455		28	10	34	59	
012434	M	.06	< 4	5	36			1	< 2	616		6	4	10	41	
012435	M	.07	< 4	2	28			1	4	815		8	4	20	37	
012436	M	.06	< 4	7	20			1	< 2	700		5	4	11	51	
012437	M	.05	< 4	5	36			1	7	950		7	6	22	75	
012438	M	.06	< 4	11	34			1	2	475		9	3	20	20	
012439	M	.10	4	11	91			2	5	802		16	5	42	36	
012440	M	.14	< 4	5	54			1	4	784		7	4	16	47	
012441	M	.13	6	13	75			3	6	1086		22	7	20	41	
012442	M	.10	< 4	8	33			1	< 2	1033		11	5	16	42	
012443	M	.13	5	8	208			3	5	1368		29	9	35	77	
012444	M	.13	4	12	152			2	4	1028		15	6	18	59	
012445	M	.14	8	20	195			5	11	1549		43	10	42	71	
012447	M	.12	4	8	99			2	5	834		19	5	26	34	
012448	M	.27	6	19	182			5	5	1714		46	12	42	76	
012449	M	.09	6	8	103			2	6	934		21	6	34	53	
012450	M	.09	4	6	48			1	6	911		14	4	16	40	
012451	M	.07	8	< 2	54			2	8	2130		16	8	14	81	
012452	M	.09	< 4	2	51			1	2	857		12	4	15	38	
012453	M	.13	6	10	116			3	7	1246		27	8	29	68	
012454	M	.13	5	13	134			4	5	1324		34	9	42	69	
012456	M	.15	8	20	178			5	7	1440		43	10	43	62	
012457	M	.15	7	16	162			4	8	1352		39	10	38	57	
012458	M	.24	4	9	227			3	8	1281		34	10	36	63	
012459	M	.25	7	16	213			4	11	1511		41	12	37	69	
012460	M	.19	6	7	126			3	8	988		27	8	27	46	
012461	M	.22	4	8	119			4	5	1436		32	9	36	75	
012462	M	.22	5	16	136			3	8	1243		30	9	31	64	
012463	M	.19	5	9	108			3	3	1225		27	7	27	57	
012464	M	.13	6	5	93			2	4	1350		17	9	17	127	
012465	M	.10	< 4	2	80			2	4	1070		15	7	16	101	

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SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAI
012466	M										1.1	< 0.1		0.87		01
012467	M										1.0	< 0.1		1.02	1.74	01
012468	M										1.3	< 0.1		1.05	1.66	01
012469	M										1.5	< 0.1		1.09	1.46	01
012470	M										1.4	< 0.1		1.40	2.31	01
012471	M										1.1	< 0.1		1.04	1.59	01
012472	M										1.9	0.2		1.48	2.02	01
012473	M										0.8	< 0.1		0.61	1.56	01
012474	M										2.1	< 0.1		1.03	1.89	01
012475	M										1.4	0.5		2.50	3.11	01
012476	M										1.5	< 0.1		0.98	2.04	01
012478	M										1.2	0.2		0.42	0.82	01
012479	M										3.8	0.4		1.23	2.43	01
012480	M										1.3	0.2		0.57	1.08	01
012481	M										1.5	0.2		0.78	1.96	01
012482	M										1.0	< 0.1		0.33	1.18	01
012483	M										1.7	0.2		0.84	1.27	01
012539	M													1.85	2.62	01
012540	M										1.8	< 0.1		0.97	2.00	01
012541	M										4.1	0.2		1.51	2.98	01
012542	M										3.6	0.7		0.75	2.29	01
012543	M										2.3	0.7		1.28	2.77	01
012544	M										7.0	0.4		1.77	3.05	01
012547	M										2.4	< 0.1		1.09	1.91	01
012548	M										1.0	< 0.1	< 0.25	0.98		01
012549	M										0.9	0.2	< 0.25	1.28		01
012552	M										3.9	0.1		0.47	2.01	01
012553	M										2.1	< 0.1		1.58	2.67	01
012554	M										9.2	0.7		2.24	3.47	01
012557	M										8.3	0.1		2.18	3.34	01
012558	M										4.0	0.5		1.32	2.67	01
012559	M										1.5	0.5		0.74	1.82	01
012561	M										2.6	0.6		1.31	2.82	01
012562	M										4.9	< 0.1		1.53	2.16	01
012563	M										0.9	0.2		0.61	2.05	01
012564	M										7.0	0.6		3.46	4.80	01
012565	M										10.0	0.7		1.36	3.26	01
012566	M										1.0	0.8		0.66	2.12	01
012567	M										2.0	< 0.1		0.63	1.90	01
012568	M										0.3	0.4		0.32	0.59	01
012570	M										1.0	0.6		0.58	2.48	01
012571	M										2.6	0.7		0.64		01
012572	M										3.0	0.5		1.23	2.58	01
012573	M										4.1	0.8		1.03	2.72	01
012574	M										5.1	0.4		1.99	3.16	01
012575	M										6.7	0.6		1.60	2.97	01
012576	M										5.0	0.4		0.83	2.74	01
012591	M										3.4	< 0.1		1.46	2.15	01
012592	M													1.46	2.77	01
012595	M										5.4	< 0.1		1.99	2.97	01
012597	M										3.9	0.1		1.76	2.75	01
012598	M										4.2	0.6		1.81	3.13	01
012604	M										1.1	0.2		1.02	1.58	01
012606	M										1.1	0.5		0.55	1.27	01

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 18 --SECTION 2 OF 3

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
012466	M	< 2	1.01	< 10	131	< 1	.26	5	12	8	.47	7	.09	110	< 4	01
012467	M	< 2	.81	< 10	101	< 1	.17	< 4	10	8	.36	7	.07	84	< 4	01
012468	M	< 2	1.79	948	212	1	.69	10	20	20	.89	14	.16	256	< 4	01
012469	M	< 2	1.57	925	181	1	.48	7	17	11	.76	12	.13	210	< 4	01
012470	M	< 2	2.73	1002	329	1	2.03	11	25	12	1.12	17	.29	718	< 4	01
012471	M	< 2	1.78	1087	275	< 1	2.26	6	14	17	.62	11	.28	399	< 4	01
012472	M	< 2	2.26	959	442	1	8.44	14	21	21	1.01	14	.35	2499	< 4	01
012473	M	< 2	1.12	1014	247	< 1	.42	< 4	8	17	.36	6	.08	364	< 4	01
012474	M	< 2	1.80	888	206	1	1.19	11	21	19	.96	14	.18	355	5	01
012475	M	< 2	1.78	932	196	1	19.83	6	25	12	.81	11	.48	401	< 4	01
012476	M	< 2	1.86	892	172	1	.81	6	20	19	.86	14	.17	118	< 4	01
012478	M	< 2	1.37	992	185	< 1	.24	5	11	19	.48	7	.16	280	< 4	01
012479	M	< 2	2.38	900	349	1	4.68	23	26	17	1.84	15	.38	1347	4	01
012480	M	< 2	1.67	1081	199	< 1	1.31	5	13	9	.62	9	.23	294	< 4	01
012481	M	< 2	2.03	974	194	< 1	.43	5	13	11	.68	9	.33	261	< 4	01
012482	M	< 2	1.23	988	194	< 1	.85	< 4	9	18	.35	7	.16	247	< 4	01
012483	M	< 2	1.44	932	154	1	.74	8	16	18	.80	11	.14	319	< 4	01
012539	M	< 2	3.60	224	286	6	.63	42	140	27	5.43	36	1.44	549	< 4	01
012540	M	< 2	1.30	284	115	1	.48	9	25	12	1.08	13	.13	313	< 4	01
012541	M	< 2	2.41	275	210	2	.78	11	26	11	1.38	22	.17	517	< 4	01
012542	M	< 2	2.60	12	189	1	5.20	12	27	14	1.48	22	.27	332	< 4	01
012543	M	< 2	3.62	26	230	1	5.61	17	37	18	1.83	30	.42	405	< 4	01
012544	M	< 2	3.19	25	244	5	.26	30	43	22	2.99	27	.24	995	4	01
012547	M	< 2	2.43	20	191	1	.09	20	41	26	2.15	18	.13	519	< 4	01
012548	M	< 2	.95	11	84	< 1	.14	7	16	21	.75	9	.08	130	< 4	01
012549	M	< 2	.61	< 10	62	< 1	.09	4	12	15	.58	7	.05	193	< 4	01
012552	M	< 2	3.73	27	254	1	.59	16	48	26	2.11	29	.37	330	< 4	01
012553	M	< 2	3.28	29	373	1	.76	16	42	12	1.81	22	.37	418	< 4	01
012554	M	< 2	4.64	28	422	3	.50	40	69	25	4.08	45	.55	1035	< 4	01
012557	M	< 2	4.72	26	353	1	.43	34	72	22	4.06	49	.51	870	< 4	01
012558	M	< 2	2.66	16	277	1	2.20	15	27	10	1.95	24	.20	603	< 4	01
012559	M	< 2	1.07	10	97	1	.33	10	17	12	.85	11	.06	263	< 4	01
012561	M	< 2	3.76	15	211	1	1.80	16	51	28	2.13	32	.37	301	< 4	01
012562	M	< 2	3.60	20	224	2	.45	20	53	23	2.44	35	.41	291	< 4	01
012563	M	< 2	1.01	< 10	119	< 1	.67	4	16	16	.69	10	.06	157	< 4	01
012564	M	2	4.86	39	253	6	2.49	26	58	28	2.66	46	.50	537	< 4	01
012565	M	< 2	3.06	16	259	1	.29	32	45	23	2.76	29	.27	1067	< 4	01
012566	M	< 2	1.24	12	157	2	.09	5	17	13	.77	11	.06	213	< 4	01
012567	M	< 2	1.00	< 10	105	< 1	.28	11	26	18	1.56	10	.06	288	< 4	01
012568	M	< 2	.46	< 10	59	< 1	.05	5	9	10	.36	5	< .05	79	< 4	01
012570	M	< 2	1.51	< 10	76	< 1	.25	5	17	16	.77	13	.07	80	< 4	01
012571	M	< 2	1.03	< 10	84	< 1	.12	8	17	7	1.01	10	.06	281	< 4	01
012572	M	< 2	1.43	< 10	169	< 1	.19	13	25	9	1.32	13	.12	509	< 4	01
012573	M	< 2	2.49	14	190	1	.26	12	31	22	1.54	22	.21	209	< 4	01
012574	M	< 2	3.98	20	233	2	.59	19	48	22	2.11	35	.36	356	< 4	01
012575	M	< 2	4.43	30	334	5	1.29	37	55	24	2.52	37	.40	1075	6	01
012576	M	< 2	4.13	24	277	3	.55	19	49	26	2.12	30	.37	440	< 4	01
012591	M	2	2.45	< 10	147	2	16.62	15	33	237	1.58	28	.31	789	4	01
012592	M	< 2	2.36	< 10	200	2	9.69	15	30	23	1.49	21	.27	773	< 4	01
012595	M	< 2	3.36	22	402	2	.84	26	36	24	1.61	22	.33	918	< 4	01
012597	M	< 2	3.37	17	405	2	1.85	17	38	22	1.49	23	.36	522	< 4	01
012598	M	< 2	3.10	16	397	2	.94	14	35	23	1.45	20	.30	480	< 4	01
012604	M	< 2	1.36	13	176	1	.41	4	17	16	.79	8	.18	227	< 4	01
012606	M	< 2	1.22	< 10	197	< 1	.89	5	11	6	.53	9	.12	224	< 4	01

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 18 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
012466	M	.07	4	2	61			2	5	1022		16	6	20	68	01
012467	M	.05	5 <	2	47			1	4	1107		13	6	14	90	01
012468	M	.20	5	7	107			3	6	1222		26	8	24	89	01
012469	M	.19	4	11	87			3	5	1000		21	7	20	67	01
012470	M	.31	8	15	174			4	8	1750		34	10	28	84	01
012471	M	.30	6	9	105			2	6	1137		19	7	18	65	01
012472	M	.26	7	16	373			4	6	1397		32	11	23	87	01
012473	M	.20 <	4	12	80			1	< 2	801		11	5	11	56	01
012474	M	.24	7	9	120			3	8	1192		27	8	24	78	01
012475	M	.17	7	15	320			3	8	873		29	9	20	54	01
012476	M	.21	6	17	106			3	5	1169		27	7	23	75	01
012478	M	.22 <	4	10	49			2	4	843		16	6	11	52	01
012479	M	.27	5	15	261			4	8	1293		42	16	107	77	01
012480	M	.24 <	4	10	79			2	3	983		18	7	13	60	01
012481	M	.33	4	10	102			2	< 2	1254		18	9	12	70	01
012482	M	.23 <	4 <	2	51			1	4	665		11	5	10	40	01
012483	M	.21	6	18	118			2	6	983		22	7	21	59	01
012539	M	.17	74	55	1021			18	14	9986		221	15	67	175	01
012540	M	.11	13	9	163			3	4	1916		37	6	17	68	01
012541	M	.27	14	12	164			4	9	1973		41	11	23	86	01
012542	M	.19	7	11	196			5	6	1776		36	11	220	70	01
012543	M	.18	8	15	431			6	10	1906		61	14	245	86	01
012544	M	.15	22	19	421			8	12	3401		86	15	262	100	01
012547	M	.08	15	15	243			6	10	2820		71	12	329	86	01
012548	M <	.05	8	13	129			2	3	1439		23	4	307	38	01
012549	M <	.05	6	4	177			1	2	1194		17	3	296	25	01
012552	M	.19	29	21	382			8	10	3154		64	15	351	120	01
012553	M	.22	29	17	263			6	13	2959		54	10	36	111	01
012554	M	.14	60	26	790			11	16	6842		123	17	264	195	01
012557	M	.17	57	24	761			11	12	6491		123	16	60	185	01
012558	M	.28	7	12	228			5	6	1830		42	11	29	72	01
012559	M	.05	6	6	92			2	4	1229		24	6	228	53	01
012561	M	.28	22	18	361			9	10	2828		63	14	295	108	01
012562	M	.09	36	19	482			8	11	4548		82	16	310	138	01
012563	M	.09	6	5	86			2	7	1584		21	7	308	74	01
012564	M	.19	45	32	558			10	17	3807		107	15	267	166	01
012565	M	.08	33	20	454			7	10	3674		73	12	326	124	01
012566	M	.12	7	5	104			2	5	1318		25	6	237	58	01
012567	M <	.05	7	8	136			3	< 2	1388		31	6	300	49	01
012568	M <	.05	4	3	38			1	< 2	769		11	3	221	28	01
012570	M <	.05	5	6	72			3	< 2	1339		26	6	283	46	01
012571	M	.05	7	7	161			2	2	1276		27	5	15	36	01
012572	M	.11	14	9	216			3	9	2226		38	9	22	82	01
012573	M	.12	22	12	210			5	6	2876		51	12	310	113	01
012574	M	.18	30	22	260			8	11	3135		76	14	254	128	01
012575	M	.22	31	31	388			9	16	2990		88	17	265	123	01
012576	M	.26	28	18	304			9	18	3347		68	21	340	141	01
012591	M	.08	16	18	396			5	11	1868		72	14	352	84	01
012592	M	.10	13	15	282			5	12	2153		54	16	309	105	01
012595	M	.28	10	16	257			5	15	2091		68	15	392	81	01
012597	M	.32	9	13	330			5	13	2177		60	15	391	86	01
012598	M	.29	8	13	312			5	12	2176		56	15	407	89	01
012604	M	.22	6	7	198			2	4	1125		24	6	37	45	01
012606	M	.15	4	4	100			2	3	767		17	6	14	33	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAI
012607	M										2.8	0.2		1.48	2.34	01
012610	M										5.0	< 0.1		1.60	3.25	01
012612	M										5.0	0.3		1.78	2.97	01
012614	M										3.1	0.4		1.71	3.09	01
012615	M										3.0	0.7		1.86	3.14	01
012616	M										1.4	0.3		1.54	3.25	01
012617	M										2.5	0.5		1.04	2.72	01
012619	M										6.6	0.8		2.65	3.81	01
012622	M										3.3	0.7		2.18	2.92	01
012624	M										5.9	0.8		3.66	4.00	01
012627	M										11.5	0.5		3.38	3.44	01
012638	M										1.3	0.2		1.56	2.63	01
012639	M										3.8	0.7		1.93	3.16	01
012640	M										2.4	0.5		2.81	3.55	01
012642	M										3.5	0.5		2.61	3.27	01
012645	M										1.8	0.3		1.46	2.71	01
012648	M										4.2	0.3		1.97	3.06	01
012649	M										2.7	0.2		1.34	2.14	01
012650	M										2.3	0.2		1.47	2.66	01
012652	M										2.7	0.5		1.71	2.54	01
012654	M										1.3	< 0.1		1.28	2.08	01
012655	M										0.9	< 0.1		0.99	2.21	01
012658	M										1.3	< 0.1		0.87	1.96	01
012661	M										1.0	< 0.1		0.81	2.00	01
012662	M										2.2	< 0.1		1.06	2.12	01
012663	M										1.0	< 0.1		1.11	2.07	01
012666	M										2.7	< 0.1		1.89	2.86	01
012668	M										1.7	< 0.1		1.17	1.94	01
012671	M										1.5	< 0.1		0.88	2.19	01
012672	M										1.6	< 0.1		1.08	2.19	01
012675	M										1.2	< 0.1		1.23	2.35	01
012676	M										1.3	< 0.1		1.09	1.93	01
012684	M										3.0	0.5		1.88	2.66	01
012690	M										1.1	< 0.1		1.09	1.75	01
012693	M										1.8	< 0.1		1.66	2.54	01
012694	M										1.0	< 0.1		0.79	1.97	01
012700	M										2.5	< 0.1		1.24	2.66	01
012702	M										0.2	< 0.1		0.51	1.34	01
012707	M										5.6	0.4		1.03	2.70	01
012723	M										3.0	0.9		0.95	2.42	01
012724	M										2.1	0.6		1.03	1.74	01
012729	M										3.8	0.2		1.62	3.85	01
012730	M										2.7	0.2		1.45	2.00	01
012731	M										4.8	0.5		1.52	2.15	01
012732	M										0.8	0.2		0.69	1.34	01
012733	M										2.0	< 0.1		2.40	2.78	01
012734	M										0.8	< 0.1		0.50	0.67	01
012736	M										3.2	0.5		1.70	2.05	01
012737	M										1.5	< 0.1		1.72	2.42	01
012738	M										1.0	< 0.1		0.85	1.31	01
012739	M										2.5	0.5		1.48	2.52	01
012740	M										1.4	< 0.1		1.61	2.76	01
012741	M										2.4	0.5		1.40	2.93	01
012742	M										3.5	0.5		1.07	2.49	01

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SAI
012607	M	< 2	3.22	< 10	197	2	12.53	13	42	26	1.65	34	.38	380	< 4	01
012610	M	< 2	2.96	15	259	2	1.92	14	36	26	1.50	21	.28	519	< 4	01
012612	M	< 2	3.51	16	346	2	5.47	25	45	23	2.07	24	.44	1057	< 4	01
012614	M	< 2	3.59	20	371	2	.61	14	37	98	1.46	24	.30	344	< 4	01
012615	M	< 2	2.94	20	300	2	.35	12	29	19	1.21	18	.26	258	5	01
012616	M	7	2.68	18	311	1	.24	4	29	25	.92	19	.18	131	< 4	01
012617	M	< 2	1.83	12	255	1	.23	4	19	19	.69	13	.12	187	< 4	01
012619	M	< 2	4.90	11	257	1	1.07	10	36	15	1.86	27	.45	411	< 4	01
012622	M	< 2	3.48	21	337	1	6.37	14	38	11	1.80	22	.43	542	< 4	01
012624	M	< 2	3.41	16	452	1	9.60	21	42	12	2.14	23	.43	1288	< 4	01
012627	M	< 2	4.51	20	571	1	7.45	59	30	15	2.45	23	.55	2820	6	01
012638	M	< 2	2.81	17	192	1	4.72	9	29	15	1.35	23	.29	452	< 4	01
012639	M	< 2	3.46	18	247	1	5.94	13	36	11	1.70	27	.35	638	< 4	01
012640	M	< 2	2.75	18	191	1	7.55	9	28	9	1.26	23	.31	410	< 4	01
012642	M	2	3.43	23	258	1	13.46	15	38	13	1.80	27	.45	919	< 4	01
012645	M	< 2	2.93	22	229	1	12.45	8	33	13	1.52	20	.37	633	< 4	01
012648	M	< 2	3.22	21	346	2	2.64	16	35	11	1.66	21	.34	693	< 4	01
012649	M	< 2	2.29	< 10	169	2	12.35	11	28	10	1.35	21	.29	490	7	01
012650	M	< 2	2.44	< 10	181	2	9.70	11	29	19	1.33	23	.25	684	5	01
012652	M	< 2	1.73	< 10	170	1	10.37	7	18	14	.93	12	.24	454	8	01
012654	M	< 2	1.40	< 10	140	1	7.72	6	15	9	.75	11	.20	284	6	01
012655	M	< 2	.93	< 10	120	1	9.89	4	10	5	.53	8	.15	296	6	01
012658	M	< 2	2.30	15	210	1	3.48	7	20	7	1.08	12	.32	362	7	01
012661	M	< 2	1.42	< 10	174	1	1.28	< 4	11	5	.58	9	.16	151	< 4	01
012662	M	< 2	2.28	10	243	1	2.91	8	18	7	1.02	13	.30	446	< 4	01
012663	M	< 2	1.52	< 10	178	1	3.84	7	12	6	.66	10	.20	724	< 4	01
012666	M	< 2	3.26	15	240	2	5.66	11	32	11	1.59	24	.37	506	4	01
012668	M	< 2	2.34	11	174	1	2.51	8	21	7	1.14	15	.27	366	5	01
012671	M	< 2	1.72	< 10	174	1	1.69	6	15	6	.86	11	.19	375	< 4	01
012672	M	< 2	1.54	< 10	204	1	2.84	7	14	6	.73	10	.21	751	6	01
012675	M	< 2	1.83	< 10	193	1	2.14	7	17	6	.83	12	.19	357	5	01
012676	M	< 2	2.00	< 10	192	1	3.20	7	17	7	.94	14	.22	343	< 4	01
012684	M	< 2	2.25	< 10	168	1	11.15	9	25	8	1.31	18	.32	466	4	01
012690	M	< 2	2.22	13	215	1	.35	7	21	8	1.12	15	.22	183	< 4	01
012693	M	< 2	2.47	10	224	1	.19	9	22	11	1.18	17	.21	326	< 4	01
012694	M	< 2	1.42	< 10	162	1	.09	6	15	7	.89	10	.11	133	< 4	01
012700	M	< 2	2.60	11	267	1	.19	5	17	7	1.00	14	.22	205	< 4	01
012702	M	< 2	1.20	< 10	236	1	1.41	< 4	8	4	.36	6	.10	300	6	01
012707	M	< 2	4.46	22	272	3	.39	28	54	26	2.77	34	.32	687	5	01
012723	M	3	3.12	< 10	159	2	25.29	17	52	25	1.84	16	.56	339	10	01
012724	M	< 2	1.08	< 10	99	1	.08	9	17	13	1.04	8	.09	507	< 4	01
012729	M	< 2	2.05	< 10	162	2	.47	17	27	11	1.97	15	.19	640	< 4	01
012730	M	< 2	2.17	< 10	193	1	6.50	8	19	8	1.16	15	.29	328	< 4	01
012731	M	< 2	3.03	< 10	205	2	11.63	14	30	60	1.88	18	.40	594	5	01
012732	M	< 2	1.13	11	165	< 1	1.58	< 4	7	14	.41	6	.13	103	< 4	01
012733	M	< 2	1.81	< 10	150	1	17.01	7	19	7	.96	13	.33	242	5	01
012734	M	< 2	.56	< 10	131	< 1	1.21	< 4	5	12	.23	4	.06	111	4	01
012736	M	< 2	2.51	< 10	213	1	16.08	13	26	12	1.55	14	.40	850	5	01
012737	M	< 2	1.27	< 10	171	1	6.71	5	11	18	.59	8	.20	286	< 4	01
012738	M	< 2	.71	< 10	145	< 1	2.73	< 4	5	4	.34	5	.11	354	< 4	01
012739	M	< 2	2.29	< 10	215	1	3.94	11	22	9	1.51	16	.24	443	< 4	01
012740	M	< 2	1.27	< 10	154	1	2.90	4	11	5	.68	9	.15	217	< 4	01
012741	M	< 2	1.84	< 10	175	1	2.06	10	22	13	1.34	13	.16	383	< 4	01
012742	M	< 2	1.86	< 10	130	1	.12	19	25	9	1.95	12	.08	672	< 4	01

[redacted] L 4 [redacted]

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SAI
012607	M	.11	17	16	412			6	10	2248		68	15	350	88	01
012610	M	.22	9	12	340			5	14	2352		61	16	380	98	01
012612	M	.20	12	18	646			6	12	2194		82	17	361	85	01
012614	M	.30	10	11	176			5	12	2425		56	15	387	94	01
012615	M	.26	10	9	174			4	14	2139		46	13	334	89	01
012616	M	.31	8	6	352			3	11	2075		35	11	379	83	01
012617	M	.18	6	7	149			2	8	1683		28	9	370	69	01
012619	M	.22	10	14	508			7	10	2350		59	20	60	92	01
012622	M	.31	9	17	592			6	11	1953		68	16	46	78	01
012624	M	.19	11	22	2265			7	11	1995		91	29	47	80	01
012627	M	.24	11	39	553			6	18	2053		96	19	52	88	01
012638	M	.19	7	12	273			5	7	1533		47	11	22	70	01
012639	M	.24	7	16	398			6	7	1779		58	15	31	80	01
012640	M	.18	6	11	362			4	6	1443		49	11	27	74	01
012642	M	.14	6	18	476			6	7	1413		63	15	30	64	01
012645	M	.16	7	13	412			5	6	1539		46	14	25	58	01
012648	M	.27	10	16	366			5	12	2201		68	16	41	90	01
012649	M	.11	12	13	362			5	9	1854		55	14	29	86	01
012650	M	.12	14	15	288			5	9	2047		59	14	32	98	01
012652	M	.09	5	8	231			3	9	1013		34	12	14	52	01
012654	M	.09	5	6	174			3	8	952		28	10	9	47	01
012655	M	.07	4	4	194			2	5	650		18	8	6	37	01
012658	M	.18	8	9	170			4	8	1396		27	10	20	66	01
012661	M	.12 <	4	4	149			2	5	991		19	8	12	49	01
012662	M	.16	5	8	114			4	7	1318		31	11	15	58	01
012663	M	.13 <	4	7	171			2	4	894		20	8	10	44	01
012666	M	.18	8	14	394			6	10	1767		55	16	31	74	01
012668	M	.12	7	9	189			4	9	1326		37	9	24	59	01
012671	M	.12 <	4	7	201			3	7	1173		25	8	16	58	01
012672	M	.12	4	6	152			3	8	1034		24	11	11	53	01
012675	M	.14	5	6	171			3	8	1179		28	9	15	60	01
012676	M	.12	4	7	160			3	5	1084		31	8	17	49	01
012684	M	.09	4	11	365			4	6	1056		44	12	25	50	01
012690	M	.14 <	4	8	104			4	6	1181		31	9	21	51	01
012693	M	.30	5	10	157			4	9	1477		35	11	27	73	01
012694	M	.18 <	4	6	104			2	8	1037		24	7	14	60	01
012700	M	.33	6	7	71			4	10	1679		30	11	17	84	01
012702	M	.16 <	4	4	61			1	6	813		12	5	6	40	01
012707	M	.19	20	21	591			9	18	3179		89	26	330	132	01
012723	M	.10	15	21	635			6	10	2004		98	8	288	50	01
012724	M	.05	11	7	147			3	3	1688		30	6	13	58	01
012729	M	.05	17	15	324			5	10	2561		54	11	29	107	01
012730	M	.09	5	9	232			4	6	1284		33	10	16	53	01
012731	M	.10	8	14	417			6	10	1688		48	14	23	61	01
012732	M	.09 <	4	3	89			1	2	697		12	5	7	35	01
012733	M	.06	4	8	265			4	7	976		35	9	8	46	01
012734	M	< .05 <	4	2	52			1	3	360		8	3	8	19	01
012736	M	.07	6	13	422			5	7	1318		43	12	21	50	01
012737	M	.08	5	6	159			2	7	919		19	8	10	55	01
012738	M	.06 <	4	3	62			1	2	585		10	4	4	24	01
012739	M	.15	5	12	362			4	9	1646		37	12	22	73	01
012740	M	.08 <	4	5	128			2	7	1058		18	8	9	69	01
012741	M	.13	11	9	262			4	9	1865		34	11	18	77	01
012742	M	< .05	7	13	153			4	5	1446		51	7	23	56	01

[redacted] M 4 [redacted]

ANALYTICAL RESULTS - STREAM SEDIMENT PAGE 20 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SAM
012743	M										1.3	< 0.1		1.11	2.42	01
012744	M										0.6	0.2		2.65	10.80	01
012745	M										0.8	0.5		1.31	2.74	01
012746	M										1.1	0.5		0.82	1.96	01
012747	M										1.3	0.2		0.74	1.73	01
012748	M										1.1	0.2		0.81	2.11	01
012749	M										1.3	0.7		0.99	2.55	01
012750	M										1.6	0.2		0.92	1.66	01
012751	M										1.3	1.0		1.07	3.77	01
012752	M										3.8	0.5		1.90	2.71	01
012753	M										1.3	1.0		0.52	1.74	01
012754	M										1.4	0.1		0.58	1.83	01
012755	M										3.2	0.5		0.85	2.14	01
012756	M										1.6	0.5		0.70	1.70	01
012757	M										1.0	0.1		0.77	1.78	01
012759	M										0.5	< 0.1		1.08		01
012760	M										2.0	< 0.1		1.21	2.14	01
012761	M										0.4	< 0.1		0.62	0.95	01
012762	M										0.3	< 0.1		0.57	1.45	01
012763	M										1.2	< 0.1		1.72	2.43	01
012781	M										0.4	< 0.1		0.92	2.07	01
012782	M										0.5	0.2		0.70	1.21	01
012783	M										2.0	< 0.1		0.67	1.29	01
012786	M										1.8	< 0.1		1.57	2.11	01
012788	M										0.8	< 0.1		0.69	2.20	01
012795	M										0.8	< 0.1		0.98		01
012796	M										0.5	< 0.1		0.77	1.85	01
012797	M										1.2	< 0.1		0.78	1.75	01
012798	M									<	0.1	< 0.1		0.49	1.58	01
012810	M										5.9	0.2		1.45	2.50	01
012811	M										6.0	< 0.1		1.18	2.24	01
012812	M										7.4	0.2		1.39	2.38	01
012814	M										4.6	0.6		1.70	2.70	01
012815	M										7.2	0.2		1.33	2.51	01
012817	M										4.9	0.2		1.57	2.02	01
012818	M										6.2	0.3		1.13	1.75	01
012820	M										5.8	0.1		1.49	2.42	01
012821	M										3.5	0.1		1.65	2.82	01
012822	M										4.9	0.2		1.79	2.71	01
012823	M										7.5	0.2		1.68	2.39	01
012824	M										4.7	0.4		1.43	2.48	01
012826	M										3.5	0.4		1.61	2.49	01
012827	M										2.5	< 0.1		1.04	2.02	01
012828	M										2.8	0.2		1.39	2.33	01
012829	M										2.6	0.2		1.30	2.55	01
012830	M										2.8	0.5		2.42	3.72	01
012831	M										5.2	0.4		1.12	1.90	01
012832	M										4.9	< 0.1		1.31	2.47	01
012833	M										3.1	0.1		1.09	2.14	01
012834	M													1.43	3.55	01
012837	M										5.6	0.2		1.52	2.19	01
012887	M										2.5	< 0.1		0.80	3.32	01
012889	M										2.1	0.3		1.42	3.11	01
012891	M										1.0	0.5		0.42	1.05	01

[redacted] N 4 [redacted]

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
012743	M	< 2	1.45	< 10	163	1	3.77	4	12	5	.71	9	.20	337	< 4
012744	M	< 2	.52	< 10	107	1	4.37	< 4	8	3	.37	4	.08	301	5
012745	M	< 2	.76	< 10	134	1	3.26	4	8	3	.41	5	.12	250	5
012746	M	< 2	1.52	10	270	< 1	1.82	< 4	10	4	.44	9	.12	327	< 4
012747	M	< 2	2.30	14	277	< 1	.46	6	17	20	.81	12	.22	395	< 4
012748	M	< 2	.70	< 10	144	< 1	1.13	4	7	3	.23	4	.14	132	< 4
012749	M	< 2	.60	< 10	139	< 1	1.49	< 4	5	3	.26	5	.07	133	< 4
012750	M	< 2	2.50	15	251	1	.48	8	20	9	1.07	14	.27	303	< 4
012751	M	< 2	.89	< 10	172	< 1	.45	< 4	7	5	.31	5	.09	331	< 4
012752	M	< 2	3.61	22	322	1	.76	15	36	14	1.88	30	.35	482	< 4
012753	M	< 2	1.48	12	175	< 1	.40	4	11	6	.52	10	.15	117	< 4
012754	M	< 2	1.29	11	167	< 1	.90	< 4	11	5	.49	8	.17	284	< 4
012755	M	< 2	1.30	11	340	< 1	1.43	5	14	7	.78	10	.13	4777	< 4
012756	M	< 2	1.65	14	170	< 1	.53	4	13	6	.58	9	.21	262	< 4
012757	M	< 2	1.53	11	197	< 1	.56	< 4	12	5	.51	10	.13	192	< 4
012759	M	< 2	.94	< 10	184	< 1	1.79	< 4	6	3	.37	5	.12	238	< 4
012760	M	< 2	2.05	13	216	1	.33	6	14	7	.78	9	.30	110	< 4
012761	M	< 2	.98	< 10	175	< 1	.71	< 4	6	3	.31	5	.11	97	< 4
012762	M	< 2	1.03	< 10	162	1	.27	< 4	7	4	.30	5	.12	151	< 4
012763	M	< 2	2.07	12	279	1	2.40	8	15	7	.81	10	.32	1378	< 4
012781	M	< 2	1.01	< 10	182	< 1	.67	< 4	6	4	.30	5	.15	219	< 4
012782	M	< 2	1.03	< 10	165	< 1	.09	< 4	6	4	.32	5	.11	103	< 4
012783	M	< 2	1.23	< 10	231	1	.48	4	9	4	.72	6	.12	543	4
012786	M	< 2	2.22	13	310	1	.33	8	25	8	1.59	17	.20	310	< 4
012788	M	< 2	1.26	< 10	196	1	.94	6	11	6	.55	8	.15	244	< 4
012795	M	< 2	1.90	10	267	1	3.40	6	14	7	.72	11	.21	304	6
012796	M	< 2	1.54	< 10	229	1	.61	< 4	8	6	.46	7	.16	142	< 4
012797	M	< 2	2.19	16	295	1	.43	7	14	8	.76	10	.28	219	< 4
012798	M	< 2	.83	< 10	176	< 1	.08	< 4	4	4	.21	4	.06	111	< 4
012810	M	< 2	2.92	18	222	1	6.89	12	29	10	1.51	20	.33	561	4
012811	M	< 2	2.55	16	185	1	8.37	9	26	9	1.26	20	.29	339	< 4
012812	M	< 2	3.36	22	280	2	2.33	20	36	13	2.43	32	.30	890	< 4
012814	M	< 2	1.80	16	146	1	.95	13	27	11	1.50	23	.21	372	< 4
012815	M	< 2	3.30	17	251	2	5.11	18	34	13	1.89	27	.34	704	< 4
012817	M	2	2.25	21	141	1	19.46	10	25	10	1.19	14	.39	870	< 4
012818	M	< 2	2.81	< 10	336	1	15.41	17	32	12	1.72	16	.37	1174	< 4
012820	M	< 2	3.27	27	295	1	6.21	15	34	12	1.94	23	.38	728	< 4
012821	M	< 2	2.51	22	247	1	2.83	13	32	17	1.58	22	.30	407	< 4
012822	M	< 2	2.73	29	246	1	1.17	18	41	12	2.06	25	.27	530	< 4
012823	M	2	2.67	32	282	1	3.85	24	36	16	3.31	26	.31	1101	< 4
012824	M	< 2	3.43	33	274	1	3.27	16	36	14	1.89	32	.39	551	< 4
012826	M	< 2	2.99	27	216	1	2.65	15	38	13	1.77	30	.32	518	< 4
012827	M	< 2	1.54	13	124	1	.22	9	23	9	1.09	18	.14	285	< 4
012828	M	< 2	1.92	15	149	1	.18	11	33	11	1.86	18	.18	226	< 4
012829	M	< 2	1.75	14	201	1	.85	8	30	11	1.41	15	.17	265	< 4
012830	M	< 2	4.53	< 10	257	2	.45	18	46	21	2.21	32	.28	505	< 4
012831	M	< 2	3.35	< 10	196	1	16.40	14	36	11	1.75	19	.45	1153	< 4
012832	M	< 2	2.40	16	178	1	6.32	14	37	14	1.66	18	.34	1028	< 4
012833	M	< 2	3.82	< 10	250	2	8.91	15	39	17	1.96	28	.41	677	< 4
012834	M	< 2	1.89	< 10	198	1	.18	20	29	11	1.43	16	.12	1818	< 4
012837	M	< 2	3.33	252	276	2	12.59	16	36	15	1.78	22	.43	1103	< 4
012887	M	< 2	2.25	16	192	2	1.03	9	25	16	1.15	16	.19	329	< 4
012889	M	< 2	2.32	16	181	1	1.05	7	25	14	1.13	17	.20	333	< 4
012891	M	< 2	1.28	< 10	220	< 1	.18	< 4	9	3	.35	7	.06	134	< 4

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
012743	M	.08 <	4	7	163			3	4	955		21	8	14	54
012744	M	< .05	6	3	93			2	11	1842		14	13	4	181
012745	M	.05	5	3	82			2	7	1108		14	8	5	68
012746	M	.23 <	4	3	75			2	5	963		14	6	9	55
012747	M	.26	4	31	250			3	9	1183		23	8	20	50
012748	M	.23 <	4	2	33			1	8	719		8	5	4	39
012749	M	.07 <	4	2	121			1	4	556		7	4	5	40
012750	M	.19	4	10	138			4	3	1219		29	9	23	47
012751	M	.11	4	4	87			1	5	970		10	6	8	76
012752	M	.39	6	17	233			6	7	1959		52	13	48	81
012753	M	.22	4	4	67			2	4	832		16	6	12	37
012754	M	.13 <	4	3	73			2	3	818		14	6	11	43
012755	M	.19 <	4	6	349			2	6	895		19	8	17	58
012756	M	.18	4	5	67			2	5	944		17	6	12	41
012757	M	.23 <	4	4	114			2	5	965		15	6	15	48
012759	M	.14 <	4	2	67			1	4	697		10	5	5	47
012760	M	.23	5	7	46			3	7	1262		23	9	10	66
012761	M	.10 <	4	2	40			1	2	567		10	4	4	26
012762	M	.11 <	4 <	2	29			1	4	629		11	6	7	38
012763	M	.20	4	8	161			3	8	1166		24	11	12	58
012781	M	.15 <	4	2	51			1	3	754		9	5	4	46
012782	M	.10 <	4	2	38			1 <	2	646		9	5	6	32
012783	M	.17 <	4	3	169			1	6	675		12	5	8	34
012786	M	.16 <	4	9	121			4	7	1167		40	9	20	57
012788	M	.16 <	4	4	103			2	8	813		16	7	9	45
012795	M	.17	5	5	131			3	7	1120		21	9	14	65
012796	M	.20 <	4	4	83			2	3	940		15	7	10	40
012797	M	.22 <	4	5	207			3	5	1168		21	9	15	48
012798	M	.12 <	4 <	2	41			1 <	2	755		6	4	5	45
012810	M	.18	7	14	283			5	6	1813		42	12	28	69
012811	M	.13	4	15	224			4	5	1316		36	9	18	49
012812	M	.19	5	19	325			6	7	1811		49	11	38	63
012814	M	.17	6	13	252			4	6	1703		39	5	32	59
012815	M	.21	8	16	302			6	10	2036		49	13	28	77
012817	M	.08	7	10	375			4	7	1077		34	9	13	38
012818	M	.11	8	14	391			5	6	1399		50	14	21	52
012820	M	.20	8	17	334			5	4	2042		56	12	31	68
012821	M	.24	11	14	306			4	6	2184		47	10	37	84
012822	M	.26	12	20	207			4	7	2375		61	8	35	83
012823	M	.21	10	26	547			4	4	1961		58	10	42	69
012824	M	.27	10	19	245			6	5	2160		54	11	36	80
012826	M	.24	10	15	419			3	5	2130		55	8	34	74
012827	M	.12	7	10	151			2	5	1637		34	6	20	58
012828	M	.11	8	13	194			3	3	1907		56	6	30	65
012829	M	.16	11	11	155			3	6	1977		44	8	27	77
012830	M	.28	20	23	417			9	15	3138		77	21	34	108
012831	M	.14	9	14	505			6	10	1539		47	15	33	56
012832	M	.19	9	18	519			4	2	1887		55	5	46	63
012833	M	.23	12	19	817			7	9	2145		52	15	45	73
012834	M	.11	17	16	234			5	10	2379		49	11	20	103
012837	M	.16	11	14	432			6	8	1599		49	13	29	60
012887	M	.17	14	8	192			4	15	2721		41	15	267	122
012889	M	.20	13	8	197			4	9	2289		41	13	234	109
012891	M	.29 <	4	3	60			1	4	838		11	4	9	33

ANALYTICAL RESULTS - STREAM SEDIMENT

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SI
012892	M										0.6	0.4		0.35	0.96	0
012893	M										0.8	0.1		0.27		0
012894	M										4.3	0.5		1.47	2.50	0
012896	M										0.9	0.4		0.54	1.37	0
012897	M										< 0.1	0.4		0.66	1.24	0
012916	M										6.6	0.4		1.58	3.39	0
012917	M										4.5	0.1		1.79	2.90	0
012918	M										6.9	0.8		1.46	3.00	0
012919	M										7.5	0.4		1.23	2.28	0
012920	M										4.8	0.2		1.40	2.87	0
012921	M										3.9	0.9		1.11	2.87	0
012922	M										2.9	< 0.1		1.39	3.07	0
012923	M										8.8	0.4		1.62	2.66	0
012924	M										4.2	0.7		1.34	2.18	0
012925	M										0.7	0.1	< 0.25		1.46	0
012926	M										1.3	0.1		0.42	2.30	0
012927	M										1.0	0.1	< 0.25		1.12	0
012928	M										0.7	0.1		0.28	2.32	0
012929	M										0.5	0.1	< 0.25		0.82	0
012930	M										2.1	0.5		1.05	2.19	0
012932	M										4.3	0.5		1.78	2.83	0
012941	M										7.3	0.4		1.44	2.97	0
012942	M										3.9	0.3		1.50	2.80	0
012943	M										2.6	0.9		1.69	2.69	0
012944	M										7.0	0.4		1.45	2.72	0
012945	M										5.5	0.6		1.96	2.75	0
012946	M										2.6	0.5		1.98	2.68	0
012947	M										8.2	0.9		2.46	3.03	0
012948	M										6.0	0.5		1.24	2.76	0
012949	M										10.3	0.4		1.95	2.82	0
012951	M										2.4	0.5		1.38	2.24	0
012952	M										2.8	0.1		1.42	1.97	0
012953	M										1.7	0.4		1.29	1.72	0
012954	M										0.8	0.5		1.04	1.56	0
012955	M										1.4	0.6		1.14	1.96	0
012956	M													0.92	1.87	0
012957	M										4.7	0.1		1.49	2.17	0
012958	M										5.0	0.2		1.56	2.79	0
012959	M										4.9	0.1		1.53	2.83	0
012960	M										5.8	0.3		1.48	3.35	0
012961	M										5.4	0.4		1.35	3.63	0
012962	M										5.1	0.5		1.37	2.59	0
012963	M										3.5	0.3		1.14	2.35	0
012987	M													0.87	1.82	0
012994	M										0.4	< 0.1		0.72	1.45	0
012995	M										0.8	< 0.1		0.49	1.82	0
013001	M										5.3	0.2		1.47	2.61	0
013002	M										6.1	0.5		1.57	2.38	0
013003	M										4.6	1.7		1.66	2.53	0
013006	M										3.0	1.2		1.75	2.39	0
013007	M										2.4	0.6		1.73	2.38	0
013008	M										3.6	0.8		1.39	2.08	0
013014	M										3.6	0.6		0.26	1.52	0
013017	M										4.2	0.4		1.19	2.76	0

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	S
012892	M	< 2	1.18	< 10	210	< 1	.18	< 4	8	10	.39	6	.05	219	4	0
012893	M	< 2	1.25	< 10	229	< 1	.09	< 4	8	3	.37	7	.05	310	< 4	0
012894	M	< 2	3.91	26	400	1	.51	14	31	12	1.80	30	.53	1323	< 4	0
012896	M	< 2	1.04	< 10	177	< 1	.07	< 4	10	3	.55	8	.05	267	< 4	0
012897	M	< 2	1.18	< 10	236	< 1	.06	< 4	6	9	.29	6	< .05	112	< 4	0
012916	M	< 2	2.91	15	491	2	3.21	30	41	22	1.92	22	.28	1495	< 4	0
012917	M	< 2	2.31	< 10	238	2	8.22	16	41	20	1.80	17	.31	670	< 4	0
012918	M	< 2	2.44	< 10	356	2	10.26	28	46	22	2.14	20	.33	1492	< 4	0
012919	M	< 2	2.52	< 10	434	1	13.42	32	34	25	2.20	31	.28	2484	< 4	0
012920	M	< 2	2.99	< 10	342	2	10.77	33	41	24	2.21	34	.33	1689	< 4	0
012921	M	< 2	2.76	20	350	2	3.88	33	40	21	2.10	27	.29	1237	< 4	0
012922	M	< 2	2.60	19	300	3	1.30	26	34	18	1.78	21	.23	1035	< 4	0
012923	M	2	3.15	< 10	753	3	10.03	84	48	26	3.40	37	.37	3769	< 4	0
012924	M	< 2	2.61	19	188	2	.92	14	39	19	1.81	24	.25	299	< 4	0
012925	M	< 2	.87	12	163	1	.11	5	7	13	.37	5	< .05	124	< 4	0
012926	M	< 2	2.06	15	231	1	.18	< 4	18	19	.82	15	.15	212	< 4	0
012927	M	< 2	1.16	11	211	1	.13	< 4	10	15	.44	7	.07	109	< 4	0
012928	M	< 2	1.42	11	235	1	.10	< 4	9	16	.42	9	.07	184	< 4	0
012929	M	< 2	.87	13	174	1	.07	4	4	14	.23	4	< .05	69	< 4	0
012930	M	< 2	2.20	17	337	1	.19	9	20	19	1.01	14	.13	589	< 4	0
012932	M	< 2	4.79	33	449	2	.55	20	46	29	2.39	43	1.13	648	< 4	0
012941	M	< 2	2.40	< 10	757	2	10.72	58	30	24	2.12	19	.30	4335	< 4	0
012942	M	< 2	3.05	< 10	224	2	7.07	18	36	23	1.76	24	.35	601	< 4	0
012943	M	< 2	3.39	22	238	2	5.46	13	40	45	1.60	27	.36	491	< 4	0
012944	M	< 2	3.02	20	314	2	4.66	18	32	14	1.48	19	.58	478	< 4	0
012945	M	< 2	3.44	14	334	2	6.35	25	40	24	2.01	24	.45	713	< 4	0
012946	M	< 2	3.70	26	324	2	2.59	12	40	23	1.55	25	.45	211	< 4	0
012947	M	< 2	3.92	29	506	2	5.71	49	48	26	2.43	27	.53	1330	< 4	0
012948	M	< 2	2.79	< 10	581	1	7.80	45	34	24	1.93	20	.35	2561	< 4	0
012949	M	< 2	2.85	< 10	935	2	8.48	78	36	26	2.75	24	.35	5695	5	0
012951	M	< 2	2.14	< 10	171	2	14.47	18	27	21	1.45	21	.28	917	< 4	0
012952	M	< 2	2.20	< 10	179	2	17.27	17	27	21	1.58	22	.31	854	< 4	0
012953	M	< 2	1.97	< 10	135	1	18.20	12	22	20	1.11	17	.34	647	< 4	0
012954	M	2	1.88	< 10	122	1	18.76	9	24	22	.96	16	.31	563	6	0
012955	M	< 2	2.16	< 10	156	1	15.23	11	25	20	1.17	16	.33	630	< 4	0
012956	M	< 2	1.55	< 10	239	1	18.27	23	19	21	1.42	14	.24	2206	< 4	0
012957	M	< 2	2.36	< 10	295	2	15.19	22	28	22	1.55	23	.30	1340	< 4	0
012958	M	< 2	2.72	< 10	368	2	8.77	21	33	23	1.64	22	.32	1371	< 4	0
012959	M	< 2	2.25	< 10	225	2	5.78	13	29	21	1.21	18	.25	632	< 4	0
012960	M	< 2	2.66	18	329	2	3.18	31	32	21	1.78	18	.28	1695	< 4	0
012961	M	< 2	2.54	14	404	2	3.18	33	29	22	1.70	19	.24	2151	< 4	0
012962	M	< 2	2.69	< 10	240	3	9.30	17	31	20	1.62	23	.29	1085	< 4	0
012963	M	< 2	2.29	< 10	277	1	12.35	23	29	23	1.52	22	.28	1439	< 4	0
012987	M	< 2	2.00	< 10	247	1	17.74	22	26	22	1.42	19	.30	3508	5	0
012994	M	< 2	1.54	< 10	196	1	.16	< 4	10	6	.50	7	.15	103	< 4	0
012995	M	< 2	.94	12	175	< 1	.31	< 4	6	3	.27	4	.09	146	< 4	0
013001	M	< 2	2.40	17	173	1	6.22	12	31	11	1.61	19	.23	587	< 4	0
013002	M	2	2.30	< 10	144	1	14.55	14	31	19	1.61	18	.30	908	< 4	0
013003	M	2	2.54	14	183	1	16.29	15	40	14	1.63	16	.41	832	< 4	0
013006	M	2	2.21	11	141	1	18.94	13	37	11	1.44	14	.39	475	< 4	0
013007	M	< 2	1.96	< 10	121	2	17.94	12	33	20	1.41	11	.39	342	< 4	0
013008	M	2	1.96	< 10	122	2	18.65	11	31	16	1.42	15	.38	548	< 4	0
013014	M	< 2	1.70	18	115	1	1.16	10	23	16	1.21	16	.15	187	< 4	0
013017	M	< 2	3.40	26	227	2	.95	15	41	17	1.71	31	.26	221	< 4	0

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SA
012892	M	.18	4	3	56			1	6	850		11	4	221	36	01
012893	M	.24 <	4	4	65			1	2	515		11	3	8	21	01
012894	M	.51	13	14	563			6	8	2200		49	15	44	96	01
012896	M	.18	10	4	74			1	4	1462		14	5	10	52	01
012897	M	.21 <	4	2	48			1	3	686		9	3	223	31	01
012916	M	.20	17	20	433			5	14	2878		75	7	382	112	01
012917	M	.12	15	15	862			5	13	2076		68	12	300	95	01
012918	M	.11	13	20	1217			5	12	2160		80	20	302	97	01
012919	M	.10	16	30	372			5	9	2029		101	16	362	91	01
012920	M	.12	22	25	350			6	11	2772		99	15	374	118	01
012921	M	.18	28	18	336			6	15	3738		82	14	365	124	01
012922	M	.21	26	13	266			5	12	3839		65	12	327	118	01
012923	M	.13	35	41	518			7	16	3987		134	16	356	127	01
012924	M	.18	25	12	380			5	11	3201		70	11	404	92	01
012925	M	.12 <	4	2	37			1	5	901		12	4	311	32	01
012926	M	.25	4	6	102			3	4	1614		26	8	365	79	01
012927	M	.15	4	3	55			1	3	1208		15	4	356	44	01
012928	M	.21	4	2	87			1	3	1118		13	5	357	49	01
012929	M	.11 <	4	2	24			1	2	753		7	2	318	27	01
012930	M	.40	11	7	217			3	6	1709		28	9	370	74	01
012932	M	.47	11	20	449			8	14	2440		69	17	415	89	01
012941	M	.13	11	39	346			5	13	2020		92	17	299	101	01
012942	M	.16	10	16	334			6	10	2277		70	15	307	96	01
012943	M	.22	12	15	350			6	10	2442		66	14	356	100	01
012944	M	.31	7	13	612			5	10	1511		51	14	238	65	01
012945	M	.23	10	20	374			6	14	2284		77	15	324	89	01
012946	M	.31	7	13	331			5	10	1949		59	12	376	71	01
012947	M	.30	10	31	417			7	15	2157		90	15	361	78	01
012948	M	.21	11	31	381			6	13	1979		85	15	379	84	01
012949	M	.14	12	56	309			6	14	2167		128	18	306	93	01
012951	M	.08	9	17	389			4	9	1613		58	14	282	78	01
012952	M	.07	11	16	372			5	8	1681		62	14	285	74	01
012953	M	.08	5	12	457			4	7	1202		40	11	279	53	01
012954	M	.08	7	12	566			4	9	1124		36	11	344	47	01
012955	M	.08	7	15	453			4	7	1409		40	12	285	64	01
012956	M	.06	5	20	416			3	6	1107		55	13	321	53	01
012957	M	.07	12	19	291			5	8	1735		62	13	283	75	01
012958	M	.14	12	18	283			5	12	2188		66	19	346	98	01
012959	M	.14	10	12	337			4	13	2103		47	17	341	100	01
012960	M	.14	12	16	382			5	16	2582		68	18	310	122	01
012961	M	.13	11	20	261			5	18	2516		64	19	311	132	01
012962	M	.11	10	18	344			5	12	1894		61	16	230	87	01
012963	M	.09	11	19	306			5	9	1807		62	15	349	87	01
012987	M	.06	8	15	415			4	11	1442		50	13	278	68	01
012994	M	.17 <	4	5	111			2	3	860		15	6	11	42	01
012995	M	.12 <	4	5	46			1	2	644		8	4	9	43	01
013001	M	.14	14	16	923			4	6	1952		70	19	35	78	01
013002	M	.10	10	23	721			5	8	1452		84	16	220	65	01
013003	M	.12	12	25	529			5	4	1809		90	12	45	64	01
013006	M	.11	12	19	493			5	6	1670		73	11	31	57	01
013007	M	.07	10	19	493			5	8	1758		63	11	185	68	01
013008	M	.10	10	15	583			5	7	1440		60	12	218	55	01
013014	M	.07	18	8	488			3	7	1819		39	13	299	64	01
013017	M	.19	27	15	420			6	13	2696		60	14	250	115	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SR
013018	M										5.8	0.6		1.03	2.90	01
013019	M										5.9	0.6		0.60	2.64	01
013022	M										2.6	0.4		< 0.25	1.75	01
013024	M										5.9	0.7		1.07	2.57	01
013025	M										7.5	0.5		2.06	3.53	01
013026	M										13.1	0.3		1.55	3.20	01
013027	M										7.7	< 0.1		2.20	3.14	01
013030	M										3.7	1.0		1.54	2.31	01
013036	M										1.6	0.6		1.75	2.19	01
013037	M										4.5	0.4		1.39	2.60	01
013039	M										4.9	0.8		1.07	2.41	01
013041	M										14.7	0.7		2.11	3.56	01
013042	M										9.9	0.6		2.02	3.02	01
013046	M										6.6	0.5		2.13	3.09	01
013048	M										10.8	1.0		1.70	3.00	01
013049	M										3.2	0.4		1.35	2.43	01
013050	M										3.4	0.7		1.50	2.56	01
013051	M										4.2	1.0		1.54	2.75	01
013052	M										5.4	0.5		1.52	2.93	01
013053	M										3.7	1.4		1.81	2.59	01
013054	M										10.2	0.7		1.07	3.14	01
013055	M										5.3	0.5		1.24	2.29	01
013056	M										4.5	0.7		1.51	2.27	01
013057	M										5.7	1.2		2.02	3.24	01
013072	M										5.0	1.0		1.96	2.91	01
013073	M										6.7	0.5		1.67	2.28	01
013074	M										2.4	0.5		2.04	2.76	01
013075	M										8.4	0.6		1.83	2.72	10
013088	M										4.5	0.3		1.57	2.22	10
013089	M										3.8	0.7		1.51	1.97	10
013090	M										5.0	0.4		1.45	2.20	10
013091	M										6.9	< 0.1		1.55	2.22	10
013092	M										5.7	0.2		1.91	2.82	10
013093	M										3.5	0.1		1.67	2.66	10
013096	M										3.7	0.3		1.31	1.75	10
013097	M										3.4	< 0.1		1.07	2.42	10
013098	M										6.0	0.2		1.32	2.48	10
013100	M										3.6	0.2		1.21	2.41	10
013101	M										5.1	0.2		1.77	3.39	10
013102	M										6.4	< 0.1		1.89	2.08	10
013113	M										4.3	< 0.1		1.57	2.48	10
013116	M										2.7	< 0.1		1.32	2.14	10
013118	M										3.7	< 0.1		1.37	2.35	10
013122	M										3.5	0.2		1.76	2.38	10
013123	M										2.5	0.1		1.54	2.50	10
013125	M										1.7	< 0.1		1.12	2.39	10
013154	M										4.0	0.1		0.46	1.94	10
013155	M													2.02	2.91	10
013156	M										9.4	0.8		1.61	2.74	10
013157	M										10.7	0.2		1.00	2.76	10
013158	M										8.0	0.4		1.81	3.03	10
013161	M										3.7	0.2		1.11	2.40	10
013162	M										4.0	0.1		1.13	2.26	10
013163	M										3.2	0.6		1.39	2.42	10

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SR
013018	M	< 2	2.53	< 10	189	1	11.53	15	37	22	1.54	18	.32	763	< 4	01
013019	M	< 2	2.40	16	171		.55	10	30	18	1.28	19	.25	125	< 4	01
013022	M	< 2	2.30	28	169	2	[illegible]	9	30	18	1.31	17	.26	127	< 4	01
013024	M	< 2	1.90	16	191	2	1.72	16	24	18	1.50	16	.15	644	< 4	01
013025	M	2	2.90	< 10	234	1	14.62	21	29	25	1.71	17	.30	1093	< 4	01
013026	M	< 2	3.42	28	456	2	1.41	44	39	25	3.19	28	.30	1901	< 4	01
013027	M	< 2	4.66	40	363	6	.81	60	59	23	3.30	39	.47	1635	< 4	01
013030	M	< 2	2.20	< 10	157	2	18.16	11	39	30	1.56	14	.41	494	< 4	01
013036	M	< 2	2.24	< 10	202	2	16.04	12	25	17	1.32	16	.38	331	< 4	01
013037	M	< 2	2.87	< 10	229	1	8.09	11	28	16	1.27	18	.39	290	< 4	01
013039	M	< 2	2.74	< 10	239	2	11.27	12	29	20	1.45	17	.43	437	< 4	01
013041	M	< 2	3.53	< 10	438	2	5.52	45	27	19	1.92	21	.45	2214	< 4	01
013042	M	< 2	3.55	12	465	3	5.44	36	27	18	1.69	25	.39	2096	6	01
013046	M	< 2	3.74	24	402	1	3.20	30	26	11	1.70	22	.42	1174	< 4	01
013048	M	< 2	3.19	10	1015	2	4.85	68	37	20	2.30	22	.35	3941	< 4	01
013049	M	< 2	2.58	< 10	263	2	12.78	15	33	16	1.42	19	.38	615	13	01
013050	M	< 2	3.09	22	333	1	3.16	11	33	8	1.24	19	.40	345	< 4	01
013051	M	< 2	3.11	18	292	1	4.55	15	34	11	1.54	22	.36	540	< 4	01
013052	M	< 2	2.78	16	337	1	1.91	21	22	9	1.22	17	.28	1085	< 4	01
013053	M	< 2	3.29	27	312	1	3.52	13	35	8	1.38	21	.57	329	< 4	01
013054	M	2	3.42	18	540	1	6.45	55	40	15	2.26	25	.39	2622	< 4	01
013055	M	2	2.71	< 10	331	1	12.41	29	32	12	1.77	22	.34	1782	< 4	01
013056	M	< 2	3.06	< 10	349	1	13.57	28	36	12	1.92	25	.38	1602	< 4	01
013057	M	< 2	2.82	12	285	1	6.34	17	33	11	1.82	20	.29	994	< 4	01
013072	M	< 2	3.84	15	265	1	7.33	17	40	13	2.02	30	.43	793	< 4	01
013073	M	< 2	2.24	< 10	312	1	11.37	20	26	10	2.02	17	.28	1509	< 4	01
013074	M	< 2	2.33	< 10	200	1	8.77	10	25	9	1.26	19	.26	389	< 4	01
013075	M	< 2	2.52	13	287	2	5.73	19	32	11	1.74	18	.29	983	4	10
013088	M	< 2	3.61	14	265	1	11.79	13	33	14	2.14	30	1.08	608	< 4	10
013089	M	2	2.46	< 10	144	1	18.45	11	26	12	1.55	18	.50	754	7	10
013090	M	< 2	2.79	17	207	1	4.41	11	29	9	1.77	26	.37	371	< 4	10
013091	M	< 2	2.74	< 10	197	1	10.48	16	30	10	2.12	25	.36	609	< 4	10
013092	M	< 2	2.97	12	229	1	3.66	12	29	11	1.90	22	.28	431	< 4	10
013093	M	< 2	2.70	12	225	1	1.57	8	24	9	1.50	23	.21	448	< 4	10
013096	M	2	2.61	< 10	194	1	18.30	10	26	10	1.54	17	.40	905	4	10
013097	M	< 2	1.72	14	169	1	.47	10	18	6	1.24	17	.14	299	< 4	10
013098	M	< 2	2.79	18	211	1	.79	14	28	10	1.94	28	.24	471	< 4	10
013100	M	< 2	2.20	12	164	1	.35	12	23	8	1.49	20	.17	432	< 4	10
013101	M	< 2	3.45	< 10	227	1	5.79	15	31	11	1.92	24	.35	609	4	10
013102	M	< 2	5.03	31	232	2	6.11	19	49	13	2.70	47	.59	457	< 4	10
013113	M	< 2	2.89	< 10	209	1	9.04	11	28	10	1.64	18	.34	707	< 4	10
013116	M	< 2	1.83	11	148	1	.16	8	19	7	1.36	14	.10	170	< 4	10
013118	M	< 2	2.32	10	195	1	.85	11	24	7	1.65	22	.18	587	< 4	10
013122	M	2	3.45	< 10	198	1	11.21	13	35	13	1.78	25	.43	579	< 4	10
013123	M	< 2	2.80	12	290	1	1.71	10	19	9	1.09	10	.47	2101	< 4	10
013125	M	< 2	1.72	< 10	249	< 1	2.74	5	11	6	.65	9	.24	761	< 4	10
013154	M	2	2.29	< 10	174	1	15.81	14	28	23	1.47	16	.36	1164	< 4	10
013155	M	2	1.96	< 10	188	1	16.61	21	35	23	1.45	14	.34	1109	< 4	10
013156	M	< 2	2.46	< 10	279	2	13.95	23	35	28	1.96	16	.33	1734	< 4	10
013157	M	2	2.23	< 10	265	1	13.41	25	34	27	2.11	16	.30	1650	6	10
013158	M	< 2	2.31	< 10	239	1	12.82	22	35	29	1.80	17	.31	1414	< 4	10
013161	M	2	2.45	< 10	170	1	15.19	11	40	22	1.41	16	.38	536	< 4	10
013162	M	< 2	2.26	< 10	163	1	15.48	9	38	22	1.34	15	.36	491	< 4	10
013163	M	2	2.40	< 10	163	2	15.60	12	38	21	1.51	15	.38	527	< 4	10

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SE
013018	M	.13	12	17	423			5	6	2135		71	19	309	107	01
013019	M	.12	23	11	335			5	7	2276		41	11	339	54	01
013022	M	.10	21	10	318			5	8	2364		41	11	309	87	01
013024	M	.11	15	12	865			4	10	2118		51	19	317	75	01
013025	M	.11	11	22	1313			6	10	1340		77	24	367	59	01
013026	M	.17	23	25	2128			6	14	2312		92	33	442	104	01
013027	M	.22	41	40	624			10	18	3362		87	16	270	144	01
013030	M	.09	13	18	544			5	7	1797		72	11	301	62	01
013036	M	.15	7	11	443			5	8	1181		43	12	214	45	01
013037	M	.20	7	10	579			5	9	1641		42	16	224	72	01
013039	M	.19	6	10	624			5	8	1765		49	17	271	82	01
013041	M	.22	8	30	296			5	16	2021		81	18	235	95	01
013042	M	.23	8	25	400			5	15	1894		68	17	246	80	01
013046	M	.36	9	18	360			5	13	1961		57	15	38	89	01
013048	M	.23	11	45	283			6	18	2100		110	20	234	92	01
013049	M	.18	8	14	576			5	11	1490		53	14	226	59	01
013050	M	.37	8	10	474			4	10	1626		46	13	37	69	01
013051	M	.28	10	13	393			5	10	2035		63	15	39	88	01
013052	M	.26	7	13	242			4	12	1796		46	14	28	77	01
013053	M	.36	8	12	486			5	9	1650		53	12	36	67	01
013054	M	.27	12	39	342			6	14	2332		109	16	45	101	01
013055	M	.14	11	23	450			5	10	1856		73	15	37	81	01
013056	M	.15	9	22	403			6	8	1969		75	15	38	83	01
013057	M	.22	5	15	306			5	7	1774		52	15	28	81	01
013072	M	.23	7	17	412			6	8	1950		64	16	39	83	01
013073	M	.20	5	16	371			4	8	1346		47	14	19	65	01
013074	M	.14 <	4	9	434			4	3	1159		41	11	24	58	01
013075	M	.18	5	15	262			5	11	1732		51	15	27	75	10
013088	M	.21	7	17	382			7	7	1599		51	13	35	61	10
013089	M	.11	6	13	428			5	7	1093		43	12	18	48	10
013090	M	.18	7	12	261			5	10	1841		43	11	25	65	10
013091	M	.16	7	16	323			6	8	1557		44	12	25	63	10
013092	M	.24	8	14	340			5	11	1926		45	13	55	83	10
013093	M	.25	6	11	221			5	7	1766		38	11	30	74	10
013096	M	.08	6	13	515			5	7	1235		44	11	24	48	10
013097	M	.14	5	8	146			3	10	658		28	9	19	62	10
013098	M	.18	6	14	193			5	8	1686		45	10	26	62	10
013100	M	.12	6	10	153			4	9	1671		36	9	22	59	10
013101	M	.19	7	15	442			6	10	1864		50	14	33	70	10
013102	M	.17	9	25	322			10	11	2178		74	14	37	71	10
013113	M	.15	7	12	384			5	8	1543		45	14	29	68	10
013116	M	.15	7	7	192			3	5	1542		31	9	18	71	10
013118	M	.12	5	12	209			4	6	1541		39	9	22	56	10
013122	M	.14	5	19	486			6	10	1410		61	14	30	64	10
013123	M	.16	4	8	110			4	7	1309		30	11	16	55	10
013125	M	.19 <	4	5	90			2	5	958		19	8	11	47	10
013154	M	.08	6	21	425			5	7	1373		62	13	362	62	10
013155	M	.09	9	25	483			4	9	1527		80	14	329	59	10
013156	M	.09	11	34	407			5	9	1734		110	15	296	74	10
013157	M	.09	9	37	427			5	9	1566		104	15	389	66	10
013158	M	.09	10	32	392			5	7	1785		103	15	343	75	10
013161	M	.09	12	14	574			5	8	1896		70	13	361	70	10
013162	M	.09	12	16	546			5	9	1800		67	13	366	67	10
013163	M	.08	11	15	530			5	10	2069		71	13	286	78	10

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
013164	M										3.1	0.5		1.37	2.31	10
013165	M										7.5	0.8		0.82	1.68	10
013167	M										1.1	0.4		1.31	1.87	10
013168	M										2.3	0.7		1.67	2.01	10
013169	M										2.0	0.2		1.58	2.04	10
013175	M										5.0	0.9		1.86	2.45	10
013213	M										14.1	0.5		3.03	4.03	10
013214	M										6.9	0.5		2.21	3.14	10
013215	M										4.6	0.5		1.66	3.26	10
013216	M										1.3	0.3		0.62	2.62	10
013217	M										8.8	0.3		2.56	4.09	10
013218	M										5.4	0.5		2.20	3.10	10
013220	M										12.8	0.1		2.14	3.15	10
013221	M										2.7	0.5		1.38	2.34	10
013222	M										6.4	0.1		1.02	2.34	10
013223	M										14.9	0.5		2.68	3.69	10
013224	M										8.1	0.5		2.97	4.17	10
013225	M										4.0	0.5		1.61	2.52	10
013226	M										4.2	0.5		1.28	2.75	10
013227	M										3.9	0.1		1.62	2.86	10
013228	M										5.1	0.5		1.62	2.55	10
013229	M										6.2	0.5		2.03	3.30	10
013230	M										10.6	0.7		2.03	3.30	10
013231	M										5.8	1.0		2.15	3.00	10
013232	M										4.5	0.5		1.74	2.67	10
013234	M										6.9	0.1		1.91	2.81	10
013250	M										1.5	< 0.1		0.84	1.66	10
013253	M										1.0	< 0.1		0.79		10
013254	M										2.2	< 0.1		1.13		10
013255	M										3.2	< 0.1		1.54	2.70	10
013256	M										1.8	< 0.1		0.70		10
013257	M										1.3	< 0.1		0.62	2.23	10
013258	M										5.1	< 0.1		1.73	2.47	10
013259	M										6.9	< 0.1		1.00	2.40	10
013264	M										4.8	0.2		1.46	2.40	10
013265	M										6.9	0.1		1.47	2.47	10
013266	M										8.0	0.1		1.38	2.52	10
013267	M										5.8	< 0.1		1.36	2.31	10
013268	M										8.0	0.2		1.35	2.76	10
013269	M										3.1	0.4		1.25	1.95	10
013270	M										4.0	0.3		0.93	1.82	10
013273	M										2.9	0.3		0.86	1.67	10
013274	M										3.2	< 0.1		0.69	1.16	10
013276	M										4.6	0.3		1.50	2.35	10
013287	M										3.2	0.5		1.04	2.28	10
013289	M										7.8	0.5		1.53	2.29	10
013296	M										4.8	0.5		2.36	2.89	10
013298	M										0.9	< 0.1		1.01		10
013300	M										0.2	< 0.1		0.36		10
013303	M										5.8	0.5		2.23	3.02	10
013305	M										7.9	0.5		2.37	3.10	10
013307	M										10.0	1.1		2.96	3.60	10
013309	M										4.4	0.2		1.32	2.83	10
013310	M										8.1	0.5		1.80	2.97	10

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
013164	M	< 2	2.27	< 10	236	2	15.34	16	30	21	1.56	17	.36	1180	< 4	10
013165	M	2	1.27	< 10	369	1	19.76	28	24	22	1.46	11	.27	2289	< 4	10
013167	M	2	1.91	< 10	128	1	18.57	12	23	23	1.30	14	.37	783	< 4	10
013168	M	< 2	2.34	< 10	162	1	16.69	11	28	22	1.26	19	.35	837	< 4	10
013169	M	< 2	2.31	< 10	172	1	16.78	12	26	26	1.23	19	.34	1009	5	10
013175	M	2	2.09	< 10	273	2	15.78	22	33	22	1.74	13	.37	1127	< 4	10
013213	M	2	3.91	25	674	2	8.32	71	49	19	3.34	27	.46	4084	9	10
013214	M	< 2	4.07	22	267	1	4.48	16	45	14	2.02	34	.39	381	< 4	10
013215	M	< 2	3.20	19	241	1	.94	18	37	12	1.91	30	.28	414	< 4	10
013216	M	< 2	.47	< 10	60	< 1	.11	< 4	17	3	.47	6	< .05	112	< 4	10
013217	M	< 2	3.70	21	405	1	1.25	44	40	17	2.24	34	.34	1684	< 4	10
013218	M	< 2	3.81	19	245	1	4.13	14	43	13	1.87	31	.36	300	< 4	10
013220	M	< 2	1.97	10	1149	2	.23	124	49	23	6.40	16	.13	6892	< 4	10
013221	M	< 2	1.84	13	167	1	.81	17	23	9	1.71	16	.10	497	< 4	10
013222	M	< 2	1.35	10	342	1	.10	48	30	12	3.26	11	.08	2163	< 4	10
013223	M	< 2	3.24	13	481	1	8.86	43	39	15	2.63	24	.37	2291	< 4	10
013224	M	< 2	3.94	18	409	2	1.34	45	40	18	2.32	36	.37	1645	< 4	10
013225	M	< 2	3.56	24	271	1	.66	23	50	14	2.18	29	.35	573	< 4	10
013226	M	< 2	3.19	18	199	1	1.29	12	37	11	1.57	28	.25	220	< 4	10
013227	M	< 2	3.15	23	365	1	3.32	36	37	13	2.11	27	.27	1532	< 4	10
013228	M	< 2	3.62	21	210	1	1.62	12	39	13	1.77	32	.28	270	< 4	10
013229	M	< 2	3.46	23	417	1	5.24	50	43	17	2.61	29	.34	2130	< 4	10
013230	M	< 2	3.91	22	711	2	5.94	107	50	23	3.67	31	.40	4516	< 4	10
013231	M	2	2.56	< 10	442	1	16.17	40	40	13	1.88	16	.39	2359	< 4	10
013232	M	< 2	2.31	< 10	160	1	15.64	13	38	10	1.53	15	.35	475	< 4	10
013234	M	< 2	3.42	13	209	1	6.46	20	46	15	2.29	29	.31	525	< 4	10
013250	M	< 2	.79	10	132	1	.84	9	25	12	.89	9	.09	281	< 4	10
013253	M	< 2	.42	< 10	64	1	.07	6	20	7	.79	7	.07	158	< 4	10
013254	M	< 2	.90	16	122	2	.55	11	30	8	1.34	11	.14	486	< 4	10
013255	M	< 2	.98	30	101	3	.10	16	39	13	2.01	19	.20	220	< 4	10
013256	M	< 2	.77	< 10	92	1	2.01	6	12	5	.65	8	.07	210	< 4	10
013257	M	< 2	.41	< 10	76	1	.09	7	16	5	.66	10	.06	167	< 4	10
013258	M	< 2	1.88	54	225	2	3.09	15	37	14	1.67	28	.20	366	< 4	10
013259	M	< 2	1.47	11	173	2	1.74	13	19	8	1.29	13	.11	2047	< 4	10
013264	M	< 2	1.79	12	216	1	.27	16	27	12	1.55	20	.18	721	< 4	10
013265	M	< 2	3.61	21	377	2	3.01	20	35	14	2.21	29	.36	612	< 4	10
013266	M	< 2	3.84	24	270	2	2.65	19	38	27	2.45	35	.38	524	< 4	10
013267	M	< 2	2.76	31	279	1	3.83	18	37	12	2.18	30	.31	632	< 4	10
013268	M	< 2	3.58	20	216	2	3.20	20	37	66	2.1[illegible]	34	.35	541	< 4	10
013269	M	< 2	2.07	25	186	1	4.86	12	30	15	1.39	17	.23	449	< 4	10
013270	M	< 2	1.09	11	129	1	.33	11	18	29	1.07	12	.09	486	< 4	10
013273	M	< 2	2.50	< 10	171	1	3.60	13	28	9	1.46	[illegible]	.22	582	< 4	10
013274	M	< 2	1.15	< 10	119	1	.40	5	17	8	.71	12	.09	227	< 4	10
013276	M	< 2	5.24	< 10	327	2	6.08	20	50	14	2.47	43	.50	675	< 4	10
013287	M	< 2	2.65	269	168	2	3.81	12	29	14	1.49	22	.22	454	< 4	10
013289	M	< 2	4.48	293	435	2	7.90	23	45	53	2.65	42	.47	1005	< 4	10
013296	M	< 2	5.08	332	275	3	5.93	28	73	24	2.96	41	.51	912	< 4	10
013298	M	< 2	.68	309	65	1	.13	5	12	7	.54	7	.05	169	< 4	10
013300	M	< 2	.38	300	45	1	.05	< 4	14	6	.36	6	< .05	90	< 4	10
013303	M	< 2	5.76	327	281	4	4.86	25	78	25	3.11	45	.56	588	< 4	10
013305	M	< 2	6.63	290	421	4	4.28	45	95	28	3.84	54	.75	1428	< 4	10
013307	M	< 2	4.56	311	354	3	10.26	25	53	21	2.51	35	.41	1274	< 4	10
013309	M	< 2	4.60	291	263	3	2.49	15	59	19	2.49	35	.45	339	< 4	10
013310	M	< 2	4.98	326	390	4	2.92	37	62	22	3.98	39	.54	815	4	10

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 23 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	SR
013164	M	.09	7	17	453			5	9	1611		62	14	282	78	10
013165	M	.07	6	22	578			3	8	932		63	15	312	44	10
013167	M	.08	4	15	762			4	7	1212		41	11	292	55	10
013168	M	.07	10	16	416			5	7	1444		50	13	352	57	10
013169	M	.07	8	14	408			5	8	1377		48	13	346	56	10
013175	M	.08	9	20	657			5	9	1897		74	14	282	73	10
013213	M	.18	25	60	1092			8	16	2539		157	22	47	110	10
013214	M	.23	21	20	715			7	11	2696		87	21	55	119	10
013215	M	.20	24	19	347			6	10	2772		65	14	40	111	10
013216	M	< .05	9	5	67			1	3	1990		16	4	8	41	10
013217	M	.19	26	36	222			6	13	3038		93	15	46	128	10
013218	M	.23	21	19	657			7	13	2542		79	19	52	111	10
013220	M	.07	10	45	396			6	15	1661		115	14	50	65	10
013221	M	.13	6	10	215			4	5	1394		38	8	27	58	10
013222	M	.08	7	20	221			4	9	1442		62	8	29	54	10
013223	M	.21	17	38	971			6	11	2068		116	20	40	93	10
013224	M	.20	29	39	238			7	14	3081		97	15	48	132	10
013225	M	.21	26	23	255			7	13	2804		69	13	44	118	10
013226	M	.17	21	17	399			6	11	2374		61	13	35	97	10
013227	M	.17	21	33	496			6	12	2289		78	16	43	103	10
013228	M	.20	22	18	520			6	8	2482		67	15	40	105	10
013229	M	.17	25	49	588			7	13	2636		84	15	42	121	10
013230	M	.16	27	89	596			8	16	2637		113	17	58	122	10
013231	M	.12	11	36	683			6	8	2004		95	14	38	72	10
013232	M	.12	11	18	491			5	7	1927		71	13	33	75	10
013234	M	.21	24	22	438			7	12	2884		95	13	48	116	10
013250	M	.11	8	8	394			1	4	1251		23	5	53	44	10
013253	M	.06	16	7	181			1	3	2125		32	2	15	65	10
013254	M	.06	24	11	343			3	3	3027		49	5	25	107	10
013255	M	.07	38	16	508			2	3	3867		80	2	35	110	10
013256	M	.06	7	7	118			2	2	1108		18	4	13	42	10
013257	M	.09	7	7	125			1	4	1228		25	2	14	48	10
013258	M	.13	13	22	279			3	6	2541		69	7	35	59	10
013259	M	.07	6	10	212			3	7	1377		28	8	18	64	10
013264	M	.12	10	14	222			3	7	1862		46	7	28	66	10
013265	M	.29	7	19	369			7	9	2132		49	14	36	81	10
013266	M	.20	7	22	257			7	7	2104		55	12	36	72	10
013267	M	.16	8	19	256			4	6	1794		53	11	35	63	10
013268	M	.18	6	17	373			6	10	2078		51	13	35	73	10
013269	M	.17	6	14	355			3	6	1615		42	8	44	49	10
013270	M	.05	5	11	130			2	4	1093		27	6	21	38	10
013273	M	.12	9	12	240			5	9	1648		36	11	21	60	10
013274	M	.07	4	5	129			3	4	1368		22	8	15	55	10
013276	M	.23	13	22	353			10	11	2497		65	16	38	81	10
013287	M	.15	10	14	233			4	9	1643		41	11	31	63	10
013289	M	.20	10	23	387			7	8	1959		63	14	36	66	10
013296	M	.25	45	28	564			9	15	3230		97	16	57	127	10
013298	M	.07	12	3	98			2	6	1227		18	4	11	37	10
013300	M	< .05	11	< 2	78			1	5	1589		13	3	9	31	10
013303	M	.27	50	41	592			10	14	3569		113	18	65	147	10
013305	M	.28	61	53	690			13	15	4087		137	17	80	158	10
013307	M	.21	42	29	800			8	12	2630		107	20	56	130	10
013309	M	.28	40	24	589			8	11	3183		84	17	52	133	10
013310	M	.25	48	35	876			10	15	3552		111	20	69	151	10

[redacted] J 5 [redacted]

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	SA
013319	M										5.1	0.4		1.18	3.32	10
013321	M										4.3	0.6		1.14	2.62	10
013325	M										1.1	0.1		1.44	3.04	10
013327	M										4.1	0.7		1.25	2.41	10
013328	M										5.3	0.5		0.70	2.23	10
013329	M										3.1	0.8		1.25	1.83	10
013330	M										10.6	1.2		1.29	1.73	10
013331	M										3.3	0.5		0.96	1.99	10
013333	M										3.8	0.4		1.27	2.61	10
013341	M										3.5	1.2		2.19	2.69	10
013346	M										1.6	< 0.1		0.62	1.35	10
013347	M										2.6	< 0.1		1.26	2.29	10
013348	M										1.6	0.4		1.21	2.57	
013350	M										1.8	0.2		1.07	3.32	
013353	M										1.4	0.4		0.88	1.70	
013355	M										3.7	< 0.1		1.44	2.56	
013356	M										2.2	0.5		1.21	2.40	
013368	M										2.3	0.5		1.54	2.67	
013369	M										5.5	0.1		1.47	3.47	
013380	M										2.9	0.6		1.84	2.80	
013384	M										10.2	0.6		1.40	3.09	
013386	M										9.0	0.6		1.67	3.21	
013387	M										5.4	< 0.1		1.83	2.87	
013388	M										5.2	< 0.1		1.87	3.35	
013390	M										3.9	< 0.1		1.69	3.10	
013391	M										2.1	0.7		1.55	2.58	
013392	M										3.1	0.7		1.33	2.33	
013393	M										1.3	0.3		0.93	2.10	
013394	M										3.3	0.4		0.95	2.40	
013395	M										7.2	0.4		2.32	3.39	
013396	M										4.0	0.3		1.25	2.59	
013397	M										5.4	0.2		1.25	3.62	
013398	M										4.6	0.7		1.22	3.33	
013399	M										5.3	0.8		1.77	2.90	
013403	M										2.9	0.6		1.05	3.00	
013405	M										2.7	< 0.1		1.60	2.71	
013406	M										4.3	< 0.1		1.26	2.22	
013407	M										2.0	< 0.1		0.80	1.76	
013410	M										2.8	< 0.1		1.26	2.61	
013411	M										12.2	< 0.1		1.78	3.07	
013420	M										6.1	< 0.1		2.39	3.16	
013428	M										0.5	< 0.1		0.64	1.04	
013429	M										0.7	< 0.1		0.66	1.13	
013430	M										0.5	< 0.1		0.75	1.38	
013431	M										1.0	< 0.1		1.09	1.94	
013432	M										0.7	< 0.1	<	0.25	0.66	
013433	M										0.3	< 0.1		0.53	1.01	
013434	M										3.0	< 0.1		1.40	2.76	
013435	M										1.2	0.3		0.73	1.84	
013436	M										0.6	< 0.1		1.25	1.76	
013437	M										1.0	< 0.1		1.07	1.93	
013440	M										14.4	< 0.1		1.16	2.66	
013441	M										1.6	< 0.1		1.42	2.14	
013442	M										1.9	< 0.1		1.28	2.46	

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	SA
013319	M	< 2	2.53	19	227	2	1.67	19	33	18	1.76	21	.24	530	< 4	10
013321	M	< 2	2.47	10	185	2	4.69	13	38	18	1.61	18	.27	369	< 4	10
013325	M	< 2	2.52	20	222	4	.35	11	28	15	1.33	22	.20	428	< 4	10
013327	M	2	2.23 <	10	171	1	16.10	15	33	17	1.51	15	.37	645	4	10
013328	M	< 2	2.07 <	10	132	2	8.29	11	27	16	1.50	15	.25	221	< 4	10
013329	M	2	1.46 <	10	107	1	20.45	13	26	17	1.26	12	.32	574	< 4	10
013330	M	2	1.35 <	10	81	1	22.32	12	27	8	1.37	10	.35	400	< 4	10
013331	M	2	1.51 <	10	112	1	19.50	10	26	14	1.15	12	.31	469	< 4	10
013333	M	< 2	1.81 <	10	153	1	10.71	12	30	15	1.33	14	.26	524	< 4	10
013341	M	2	2.08 <	10	118	1	17.12	13	31	12	1.48	13	.35	360	< 4	10
013346	M	< 2	1.27	13	176	1	.11	8	18	6	.97	11	.09	266	< 4	10
013347	M	< 2	2.16	17	172	1	.18	14	32	9	1.65	20	.19	327	< 4	10
013348	M	< 2	2.97	26	205	3	3.04	15	38	19	1.87	24	.30	387	< 4	
013350	M	< 2	1.76	16	176	2	.12	9	19	11	1.08	14	.12	285	< 4	
013353	M	< 2	1.86	14	216	1	.20	9	21	12	.98	13	.13	205	< 4	
013355	M	< 2	2.79	16	183	1	4.01	13	36	9	1.65	20	.30	299	< 4	
013356	M	< 2	2.58	20	169	2	2.22	13	33	16	1.42	19	.27	242	< 4	
013368	M	< 2	1.90 <	10	148	2	7.77	11	33	22	1.37	15	.23	366	< 4	
013369	M	< 2	3.03	13	264	2	2.79	16	34	22	1.87	22	.21	557	< 4	
013380	M	< 2	2.02 <	10	144	2	16.84	16	30	21	1.46	14	.33	717	4	
013384	M	< 2	2.84	15	632	2	2.20	53	20	16	1.70	18	.31	3366	< 4	
013386	M	< 2	3.45	29	443	2	.99	34	35	17	2.10	21	.37	1259	< 4	
013387	M	< 2	2.79	11	409	1	2.38	25	20	9	1.33	17	.29	1205	< 4	
013388	M	< 2	2.29	13	292	1	.54	13	17	10	.98	15	.20	788	< 4	
013390	M	< 2	2.84	16	354	1	.43	10	18	9	1.13	19	.24	356	< 4	
013391	M	< 2	2.89	14	311	1	.37	8	19	16	1.03	18	.23	140	< 4	
013392	M	< 2	3.21	20	390	2	.41	12	19	16	1.30	19	.26	261	< 4	
013393	M	< 2	1.80	13	257	1	.16	6	17	13	.80	13	.15	115	< 4	
013394	M	< 2	3.53	23	421	2	.86	11	19	25	1.44	18	.27	311	< 4	
013395	M	< 2	3.69	14	293	2	.51	13	24	15	1.58	23	.31	347	< 4	
013396	M	< 2	3.04	22	356	2	3.19	25	25	15	1.56	18	.33	1057	< 4	
013397	M	< 2	2.59	19	349	2	.57	19	22	13	1.35	16	.24	765	5	
013398	M	< 2	2.22	16	411	2	2.20	20	17	13	1.09	14	.23	1311	< 4	
013399	M	< 2	2.98	16	364	1	1.29	19	31	14	1.40	20	.31	816	< 4	
013403	M	< 2	2.72	19	250	1	.63	7	18	17	1.01	17	.24	246	< 4	
013405	M	< 2	3.64	16	321	2	.46	7	30	14	1.37	24	.30	293	< 4	
013406	M	< 2	1.83 <	10	282	1	.18	5	16	6	.69	14	.12	153	< 4	
013407	M	< 2	1.35 <	10	275	1	.12 <	4	10	5	.38	12	.07	48	< 4	
013410	M	< 2	2.66	13	302	1	.52	10	18	8	.99	18	.23	169	< 4	
013411	M	< 2	2.92	12	434	2	1.00	43	20	10	1.55	18	.28	2159	< 4	
013420	M	< 2	3.82	19	374	2	.94	15	23	12	1.60	22	.36	635	< 4	
013428	M	< 2	.91 <	10	185 <	1	.31 <	4	6	6	.27	5	.10	90	< 4	
013429	M	< 2	.69 <	10	181 <	1	.52 <	4	6	4	.21	4	.06	125	8	
013430	M	< 2	.68 <	10	86 <	1	.57 <	4	4	26	.15	4	.05	163	5	
013431	M	< 2	.81 <	10	169 <	1	1.54 <	4	5	13	.28	5	.10	209	< 4	
013432	M	< 2	.74 <	10	151 <	1	.36 <	4	3	11	.17	3	.06	138	< 4	
013433	M	< 2	.70 <	10	181 <	1	.37	4	4	4	.16	4	.06	166	< 4	
013434	M	< 2	1.35 <	10	244	1	2.80	13	13	12	.75	10	.14	840	5	
013435	M	< 2	1.61 <	10	166	1	.81	6	13	6	.69	11	.17	203	4	
013436	M	< 2	1.06 <	10	204	1	1.99 <	4	7	5	.47	7	.16	126	< 4	
013437	M	< 2	.88 <	10	131 <	1	4.60 <	4	8	4	.47	7	.11	237	< 4	
013440	M	< 2	3.20	25	282	1	4.73	10	27	12	1.44	22	.42	260	4	
013441	M	< 2	1.92	11	194	1	2.48	6	15	6	.78	13	.20	184	< 4	
013442	M	< 2	2.65	10	217	1	2.03	7	25	9	1.08	19	.23	333	< 4	

[redacted] L 5 [redacted]

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
013319	M	.13	26	14	290			5	12	3218		54	15	278	137
013321	M	.13	22	14	340			5	11	3130		63	15	280	114
013325	M	.22	22	10	183			4	14	2769		41	12	255	124
013327	M	.09	10	17	447			5	10	1636		66	14	217	70
013328	M	.09	18	10	383			4	8	1823		56	12	263	78
013329	M	.07	7	13	426			4	6	1156		50	12	238	47
013330	M	.09	9	13	606			4	6	1019		54	11	18	42
013331	M	.11	9	11	563			4	8	1293		47	12	206	58
013333	M	.10	8	11	696			4	8	1646		49	17	215	85
013341	M	.09	10	18	434			5	7	1441		72	13	28	59
013346	M	.16	11	8	130			2	4	1632		28	5	26	45
013347	M	.13	29	11	217			4	8	3051		50	9	27	111
013348	M	.13	15	15	360			6	12	2504		59	13	208	94
013350	M	.17	15	6	143			3	10	2434		30	10	142	118
013353	M	.19	16	7	120			3	7	2278		37	8	174	84
013355	M	.16	22	13	328			5	8	2573		58	12	32	105
013356	M	.13	18	10	336			5	10	2416		56	13	144	96
013368	M	.11	16	14	529			4	10	2399		49	14	297	94
013369	M	.15	25	15	371			6	11	3145		58	16	390	106
013380	M	.06	7	21	437			5	10	1482		69	13	138	62
013384	M	.18	7	30	197			4	18	1784		76	16	142	79
013386	M	.28	8	14	276			5	16	2101		55	16	163	92
013387	M	.25	8	15	206			4	13	1963		51	14	27	87
013388	M	.24	7	9	158			3	11	1795		38	12	24	93
013390	M	.36	7	6	200			3	7	1831		36	12	27	81
013391	M	.40	7	4	143			3	6	1942		29	10	185	80
013392	M	.33	6	5	132			4	9	2030		35	11	265	73
013393	M	.18	5	4	124			3	6	1911		29	8	263	61
013394	M	.46	7	12	186			4	10	2214		38	12	297	74
013395	M	.36	8	7	204			5	10	2482		46	14	192	99
013396	M	.21	7	15	376			4	11	1743		52	14	147	71
013397	M	.18	9	11	175			4	15	1956		47	13	143	90
013398	M	.16	5	12	193			3	12	1532		40	11	135	65
013399	M	.28	8	15	275			4	11	1947		54	13	177	83
013403	M	.24	6	6	167			4	10	2014		31	13	288	97
013405	M	.41	8	7	420			5	8	2200		44	13	52	83
013406	M	.24	6	4	121			2	5	1605		26	7	16	49
013407	M	.22	4	< 2	70			1	4	1200		16	4	10	33
013410	M	.32	6	5	160			3	8	1846		32	11	24	73
013411	M	.25	8	17	218			4	15	1864		61	16	30	81
013420	M	.37	9	13	254			5	13	2145		51	15	40	97
013428	M	.10	< 4	2	28			1	3	542		9	4	6	22
013429	M	.09	4	< 2	26			1	8	517		7	4	3	38
013430	M	.10	< 4	< 2	26			1	5	482		5	4	16	33
013431	M	.10	< 4	3	38			1	3	503		8	5	12	32
013432	M	.10	< 4	< 2	19			1	< 2	365		5	3	8	19
013433	M	.11	< 4	3	21			1	3	430		5	3	4	24
013434	M	.12	5	9	77			2	9	909		26	9	11	53
013435	M	.13	4	7	81			2	6	969		23	7	11	43
013436	M	.10	< 4	4	77			2	3	718		13	8	6	36
013437	M	.10	< 4	3	133			1	2	662		15	7	5	38
013440	M	.25	5	13	323			5	8	1511		47	13	22	70
013441	M	.23	4	6	176			3	6	1186		26	9	13	61
013442	M	.22	7	9	118			4	10	1670		37	11	22	77

[redacted] M 5 [redacted]

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT
013445	M										2.4	0.3		1.69	2.51
013449	M										0.5	< 0.1		0.50	1.50
013451	M										1.0	< 0.1		0.82	3.04
013454	M										0.8	< 0.1		1.16	3.11
013457	M										0.4	< 0.1		0.65	2.82
013458	M										1.5	< 0.1		1.24	1.34
013459	M										2.2	0.2		2.23	2.10
013460	M										1.4	< 0.1		1.18	2.54
013462	M										1.4	< 0.1		1.17	4.52
013463	M										1.4	< 0.1		1.70	2.26
013466	M										1.0	< 0.1		0.95	3.00
013471	M										1.2	0.2		1.20	1.41
013473	M										1.3	< 0.1		1.90	3.93
013476	M										1.6	< 0.1		1.42	8.30
013477	M										2.9	0.6		1.40	2.51
013481	M										0.4	< 0.1		0.59	1.79
013484	M										1.7	0.3		1.09	1.38
013485	M										1.4	< 0.1		0.98	1.95
013488	M										1.6	< 0.1		1.50	3.66
013501	M										5.3	0.5		1.25	2.08
013502	M										6.4	0.4		1.62	2.18
013504	M										5.9	< 0.1		2.09	2.63
013507	M										3.2	< 0.1		0.96	1.54
013508	M										2.6	0.2		1.14	2.04
013509	M										3.2	0.4		2.21	3.17
013510	M										2.5	< 0.1		2.61	2.95
013513	M										3.3	< 0.1		1.81	2.90
013515	M										2.1	0.5		1.63	2.39
013516	M										1.6	0.2		1.49	2.26
013517	M										6.5	< 0.1		1.30	2.00
013522	M										1.1	0.4		0.85	2.64
013523	M										1.4	0.5		1.27	2.44
013524	M										1.9	0.4		1.14	3.60
013526	M										0.9	< 0.1		1.03	2.67
013527	M										1.6	< 0.1		0.62	2.18
013528	M										2.5	0.4		1.26	2.64
013531	M										1.0	< 0.1		0.59	1.95
013533	M										1.2	< 0.1		0.53	1.58
013536	M										2.2	0.4		1.58	2.44
013537	M										2.1	0.2		1.62	2.15
013539	M										2.1	0.4		1.91	2.45
013540	M										2.1	0.2		2.37	2.54
013541	M										1.5	0.1		1.81	2.37
013543	M										1.3	0.2		1.43	2.67
013545	M										1.9	< 0.1		2.48	3.17
013547	M										1.2	0.4		4.91	2.04
013548	M										1.4	0.3		1.51	2.10
013551	M										2.5	0.5		2.07	2.97
013552	M										5.8	0.9		2.04	2.94
013553	M										4.7	1.6		1.59	2.30
013554	M										5.7	0.4		1.60	2.55
013555	M										2.1	0.9		1.60	2.24
013556	M										3.3	1.3		1.75	2.61
013557	M										4.4	1.4		1.95	2.64

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	FIE
013445	M	< 2	2.18	13	173	1	6.59	6	21	9	1.12	17	.25	410	6	
013449	M	< 2	1.04	< 10	216	< 1	.55	< 4	4	6	.28	5	.11	157	< 4	012
013451	M	< 2	1.56	< 10	260	1	.48	4	10	5	.64	8	.16	182	< 4	
013454	M	< 2	1.08	< 10	128	< 1	.14	5	11	5	.65	8	.08	101	< 4	
013457	M	< 2	1.21	< 10	190	< 1	.53	< 4	7	4	.38	6	.11	123	< 4	
013458	M	< 2	2.15	10	212	1	2.13	6	15	6	.89	11	.32	559	< 4	
013459	M	< 2	3.56	18	249	1	2.33	11	25	10	1.48	17	.84	424	< 4	
013460	M	< 2	1.19	10	196	< 1	1.20	5	9	5	.65	6	.19	589	< 4	
013462	M	< 2	1.99	11	227	1	.64	6	15	7	.89	12	.23	258	< 4	
013463	M	< 2	2.76	12	222	1	.17	11	24	11	1.26	18	.22	180	< 4	
013466	M	< 2	2.07	11	279	1	1.83	6	14	6	.79	9	.28	181	< 4	
013471	M	< 2	1.47	10	151	1	.12	6	16	6	.77	11	.13	255	< 4	012
013473	M	< 2	1.20	< 10	197	1	1.44	5	13	4	.83	8	.12	1432	< 4	
013476	M	< 2	2.98	16	237	1	.38	11	28	10	1.56	20	.29	272	< 4	
013477	M	< 2	4.38	30	440	2	2.20	14	36	15	2.00	34	1.29	512	6	
013481	M	< 2	1.09	< 10	204	< 1	.24	< 4	6	3	.32	5	.10	118	< 4	
013484	M	< 2	1.41	< 10	164	1	.38	7	15	6	.99	9	.19	142	< 4	
013485	M	< 2	1.22	< 10	187	1	.58	8	15	6	1.10	9	.13	196	< 4	
013488	M	< 2	3.49	18	274	1	.26	14	31	12	1.70	23	.33	399	< 4	
013501	M	2	2.71	< 10	279	1	14.51	14	31	11	1.49	16	.36	1357	< 4	
013502	M	< 2	4.36	< 10	295	2	14.85	16	39	13	1.95	22	.47	1426	< 4	
013504	M	< 2	3.05	19	198	2	14.50	12	35	13	1.62	21	.43	758	< 4	012
013507	M	< 2	.77	< 10	141	< 1	2.41	< 4	7	4	.31	5	.10	300		
013508	M	< 2	2.18	10	206	1	5.00	9	17	7	.81	13	.23	969	< 4	
013509	M	< 2	2.92	263	197	2	13.32	9	30	12	1.41	20	.40	968	< 4	
013510	M	2	2.82	281	174	2	14.03	9	30	12	1.37	19	.39	471	< 4	
013513	M	2	3.76	291	305	2	10.39	19	41	16	1.87	24	.47	599	13	
013515	M	< 2	4.12	267	275	2	8.78	16	43	16	1.75	28	.46	539	6	
013516	M	< 2	1.86	281	167	1	7.80	7	19	9	.91	13	.24	415	< 4	
013517	M	< 2	3.75	249	342	2	10.81	21	37	15	2.09	22	.46	955	< 4	
013522	M	< 2	1.78	275	200	1	.86	8	15	10	.74	11	.15	356	< 4	
013523	M	< 2	1.78	257	161	1	9.85	8	18	10	.89	12	.27	426	< 4	
013524	M	< 2	1.80	277	194	1	3.20	7	17	8	.81	11	.21	309	4	012
013526	M	< 2	1.27	288	186	1	3.54	4	10	8	.53	8	.16	429	4	
013527	M	< 2	1.34	292	177	1	2.98	8	11	7	.51	8	.14	242	8	
013528	M	< 2	3.33	298	218	2	11.78	13	37	14	1.61	22	.42	468	< 4	
013531	M	< 2	.44	285	150	1	2.49	4	14	8	.66	11	.15	179	< 4	
013533	M	< 2	1.19	274	143	1	2.91	< 4	11	7	.59	9	.14	296	< 4	
013536	M	< 2	2.22	294	181	1	5.02	6	21	11	1.04	14	.27	262	< 4	
013537	M	< 2	1.87	296	162	1	9.75	8	19	9	.92	13	.25	474	< 4	
013539	M	< 2	2.62	273	165	2	9.91	10	28	11	1.23	17	.36	276	9	
013540	M	< 2	2.76	297	193	2	11.55	10	30	15	1.24	19	.34	630	< 4	
013541	M	< 2	1.94	271	151	1	12.65	9	22	11	.88	14	.26	478	< 4	012
013543	M	< 2	1.73	154	172	1	17.03	7	23	9	.88	13	.36	639	< 4	
013545	M	< 2	1.92	289	208	1	14.15	13	23	10	1.02	14	.30	1333	12	
013547	M	< 2	1.95	21	187	< 1	3.27	5	17	8	.86	12	.22	287	< 4	
013548	M	< 2	1.12	290	189	1	7.07	9	12	7	.59	8	.17	451	5	
013551	M	< 2	3.09	266	201	2	9.41	12	31	14	1.50	20	.42	322	< 4	
013552	M	2	2.45	293	160	2	18.71	16	30	55	1.60	17	.37	897	4	
013553	M	2	1.79	278	134	1	22.91	10	30	20	1.37	12	.37	885	< 4	
013554	M	2	2.65	288	177	2	15.00	16	42	16	1.70	15	.39	779	< 4	
013555	M	2	1.90	254	110	1	20.90	11	28	15	1.15	14	.35	578	7	
013556	M	2	1.81	264	119	1	22.07	12	31	19	1.28	13	.33	629	< 4	012
013557	M	2	1.93	240	158	1	21.91	17	32	20	1.46	14	.36	772	14	

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 25 --SECTION 3 OF 3

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	FIE
013445	M	.14	4	10	245			4	8	1207		39	11	17	62	
013449	M	.14 <	4	7	38			1	3	559		9	5	6	46	
013451	M	.15 <	4	4	68			2	4	960		19	7	10	64	
013454	M	.15 <	4	5	187			2	9	953		17	7	18	70	
013457	M	.14 <	4	4	46			1	3	694		12	5	6	35	
013458	M	.14 <	4	8	247			3	6	1035		28	9	18	50	012
013459	M	.44	6	11	264			5	7	1765		46	14	29	70	
013460	M	.14 <	4	4	82			2	15	881		14	8	9	85	
013462	M	.23	4	7	73			3	5	1161		26	8	17	62	
013463	M	.24	5	11	199			4	8	1521		37	11	38	83	
013466	M	.22	4	6	106			3	6	1072		23	8	16	54	
013471	M	.17	4	6	110			3	9	1165		22	9	17	96	
013473	M	.24	8	6	116			3	25	2479		21	15	23	200	
013476	M	.20	5	14	158			5	11	1516		43	11	28	71	
013477	M	.48	7	18	561			7	13	1912		55	15	47	78	
013481	M	.14 <	4	3	51			1	2	709		10	5	5	45	012
013484	M	.16	4	7	97			3	9	1213		26	9	12	107	
013485	M	.08	4	6	83			2	7	891		25	8	14	70	
013488	M	.23	5	16	167			6	10	1913		50	14	39	90	
013501	M	.14	7	14	420			5	6	1391		44	13	19	52	
013502	M	.16	10	18	400			7	9	1762		57	17	26	65	
013504	M	.09	7	17	550			5	7	1379		55	12	27	46	
013507	M	.07 <	4	3	74			1	4	562		9	4	5	29	
013508	M	.13 <	4	7	382			4	7	947		24	10	17	43	
013509	M	.15	6	13	512			5	6	1373		50	14	23	62	
013510	M	.15	6	16	346			5	7	1418		52	13	17	66	012
013513	M	.19	12	19	492			6	14	1855		64	16	33	73	
013515	M	.17	12	19	439			6	11	1789		61	14	35	66	
013516	M	.13	6	9	259			3	7	1123		31	11	14	60	
013517	M	.19	11	17	265			7	12	2059		62	15	30	70	
013522	M	.19	6	4	122			2	7	1447		25	9	14	72	
013523	M	.13	6	8	345			3	5	1019		29	9	26	52	
013524	M	.15	6	10	132			3	9	1252		27	9	13	78	
013526	M	.17	7	6	89			2	6	947		17	8	6	67	
013527	M	.16	7	6	94			2	9	1025		18	8	9	62	
013528	M	.17	10	18	390			6	9	1679		56	14	23	71	012
013531	M	.13	5	4	207			2	5	943		20	7	15	49	
013533	M	.09	4	5	88			2	5	789		18	6	9	39	
013536	M	.16	6	6	336			3	5	1464		34	10	22	69	
013537	M	.13	7	10	269			3	6	1123		31	9	15	55	
013539	M	.15	10	11	283			4	10	1413		44	11	19	62	
013540	M	.15	7	13	397			4	6	1342		42	10	29	55	
013541	M	.12	5	14	281			3	8	993		31	9	18	50	
013543	M	.10	6	12	312			4	10	916		30	14	14	49	
013545	M	.14	11	12	355			3	11	1099		38	11	14	56	
013547	M	.13	5	17	189			3	6	1172		26	10	18	56	012
013548	M	.10	5	10	188			2	8	844		19	8	9	50	
013551	M	.16	8	14	392			5	8	1524		56	14	27	65	
013552	M	.11	12	25	425			5	9	1486		80	13	48	63	
013553	M	.10	8	18	529			3	3	1093		67	8	29	34	
013554	M	.13	14	22	697			5	8	1841		86	12	41	68	
013555	M	.09	7	22	434			3	7	1107		55	8	31	34	
013556	M	.09	9	22	513			3	6	1101		66	8	30	35	
013557	M	.09	12	28	550			4	11	1135		71	10	37	45	

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 26 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT	F
013560	M										5.4	1.0		1.84	2.44	
013561	M										7.3	1.0		1.32	1.89	
013569	M										3.0	< 0.1		1.68	2.54	
013570	M										3.9	< 0.1		1.66	2.76	
013572	M										4.8	0.1		1.75	2.47	
013573	M										5.7	0.3		2.58	3.56	
013574	M										5.0	0.6		1.05	2.54	
013576	M										< 0.1	0.1		2.17	3.03	
013580	M										5.8	0.3		1.74	2.45	0
013581	M										3.5	1.0		1.02	2.28	
013585	M										2.6	0.7		1.24	2.13	
013589	M										4.1	1.1		1.28	2.64	
013596	M										3.2	< 0.1		1.81	2.32	
013597	M										5.2	< 0.1		1.42	1.57	
013600	M										5.7	< 0.1		1.13	1.96	
013601	M										6.1	0.3		1.39	2.06	
013602	M										7.4	0.1		1.13	1.88	
013604	M										6.5	0.3		1.13	1.74	
013605	M										8.2	< 0.1		1.19	2.02	0
013616	M										6.0	< 0.1		1.73		
013621	M										1.4	0.3		1.17	2.18	
013622	M										4.3	0.2		1.50	2.63	
013625	M										2.2	0.1		1.55	2.88	
013629	M										5.1	0.1		0.91		
013632	M										2.9	< 0.1		0.91	2.10	
013637	M										1.6	0.1		1.03	2.80	
013639	M										1.3	0.2		0.68	2.20	
013641	M										1.0	< 0.1		0.57	2.92	
013642	M										1.2	< 0.1		1.01	1.32	0
013643	M										1.2	< 0.1		0.90	2.18	
013644	M										2.0	< 0.1		1.34	2.22	
013646	M										1.1	< 0.1		1.12	1.75	
013648	M										0.8	< 0.1		1.77	4.79	
013653	M										2.0	< 0.1		1.80	3.26	
013654	M										2.5	0.6		1.70	2.86	
013655	M										2.2	0.5		1.40	2.33	
013656	M										1.4	< 0.1		1.57	2.02	
013657	M										1.6	< 0.1		1.84	3.60	
013671	M										2.0	0.5		1.63		0
013674	M										1.7	0.6		1.62		
013676	M										1.8	0.5		1.81		
013681	M										1.5	0.1		1.45		
013682	M										1.2	0.1		1.73		
013686	M										1.6	0.1		1.39		
013689	M										1.5	0.3		1.65		
013690	M										0.9	0.1		1.72		
013691	M										1.2	0.4		1.34		
013692	M										1.1	0.1		1.20		
013693	M										1.9	0.5		1.72		0
013694	M										1.2	0.4		1.14		
013695	M													2.01	2.89	
013700	M										2.8	0.8		1.12	1.71	
013701	M										2.7	0.2		1.26	1.88	
013702	M										3.5	0.4		1.98	2.97	

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO
013560	M	2	2.31	24	197	2	18.13	18	31	16	2.02	14	.49	1162	< 4
013561	M	< 2	2.38	19	280	2	18.01	17	29	19	1.81	14	.42	1786	< 4
013569	M	< 2	2.82	28	207	2	11.69	11	42	14	1.64	24	.36	813	5
013570	M	< 2	2.72	24	224	2	8.90	9	40	11	1.60	25	.34	483	4
013572	M	2	3.19	23	309	2	7.61	23	40	27	2.51	29	.73	656	< 4
013573	M	< 2	3.18	14	312	2	8.17	29	43	24	2.90	26	.38	1062	< 4
013574	M	< 2	2.89	12	333	1	7.78	18	31	21	1.82	25	.32	1049	< 4
013576	M	< 2	1.84	10	125	1	16.35	10	28	10	1.27	13	.31	599	4
013580	M	< 2	2.32	10	171	2	15.41	13	34	15	1.52	15	.36	1043	8
013581	M	< 2	2.16	< 10	154	2	13.84	15	24	14	1.40	15	.34	962	< 4
013585	M	< 2	2.37	< 10	152	1	16.40	12	29	15	1.32	24	.31	871	< 4
013589	M	< 2	2.67	< 10	181	1	12.27	17	38	20	1.68	18	.37	834	< 4
013596	M	< 2	2.34	10	169	1	16.61	12	28	11	1.37	22	.31	701	6
013597	M	< 2	1.72	< 10	180	1	19.44	13	18	10	1.29	13	.33	1463	< 4
013600	M	2	2.10	< 10	180	1	16.51	11	25	11	1.53	14	.40	1090	< 4
013601	M	2	2.07	< 10	185	1	17.93	13	26	11	1.56	13	.40	1182	5
013602	M	< 2	2.48	< 10	228	1	14.35	12	28	13	1.67	15	.37	1240	4
013604	M	< 2	2.19	< 10	185	1	17.07	15	27	26	1.69	15	.38	1256	9
013605	M	< 2	2.55	< 10	293	2	15.93	19	28	12	1.63	25	.31	1491	< 4
013616	M	< 2	3.05	< 10	221	2	8.49	13	32	11	1.67	26	.37	654	< 4
013621	M	< 2	1.56	< 10	161	1	5.56	4	14	6	.83	12	.24	296	< 4
013622	M	< 2	2.67	12	226	1	13.11	12	30	10	1.50	21	.37	630	10
013625	M	< 2	2.91	19	260	1	2.26	7	24	8	1.27	20	.37	288	< 4
013629	M	< 2	2.06	10	199	1	1.83	16	22	7	1.87	19	.18	630	< 4
013632	M	< 2	1.41	< 10	150	1	.78	8	18	6	1.26	13	.12	333	< 4
013637	M	< 2	1.91	< 10	181	1	.41	8	18	8	1.11	13	.18	360	< 4
013639	M	< 2	1.33	< 10	127	1	.37	7	13	7	.88	10	.14	271	< 4
013641	M	< 2	1.09	< 10	127	< 1	.24	5	10	6	.59	8	.10	126	< 4
013642	M	< 2	2.16	10	176	1	.12	7	18	10	1.08	14	.18	267	< 4
013643	M	< 2	1.49	< 10	147	1	.22	6	15	7	.80	10	.13	181	< 4
013644	M	< 2	2.28	11	188	1	.18	9	22	9	1.40	16	.20	163	< 4
013646	M	< 2	1.32	< 10	102	1	.17	5	13	8	.77	10	.12	240	< 4
013648	M	< 2	3.05	15	344	1	.36	7	19	9	1.17	16	.37	356	< 4
013653	M	< 2	3.46	18	238	1	.26	13	30	13	1.84	23	.33	358	< 4
013654	M	< 2	3.78	19	213	2	.24	14	35	12	2.12	27	.38	299	< 4
013655	M	< 2	2.13	11	151	1	.15	10	22	10	1.30	15	.19	231	< 4
013656	M	< 2	1.47	< 10	116	1	.14	7	15	7	.92	11	.13	215	< 4
013657	M	< 2	2.46	12	174	1	.22	9	23	10	1.38	17	.22	231	< 4
013671	M	< 2	2.22	15	150	1	.38	11	27	9	1.24	17	.17	202	< 4
013674	M	< 2	2.91	16	228	2	.20	14	29	13	1.30	22	.23	305	< 4
013675	M	< 2	3.69	21	276	2	.21	12	37	15	1.47	28	.27	387	< 4
013681	M	< 2	2.33	12	167	1	.11	7	25	8	1.01	16	.15	202	< 4
013682	M	< 2	2.34	13	203	2	.14	8	22	9	.97	16	.16	242	< 4
013686	M	< 2	2.43	14	250	2	.39	10	27	11	1.36	16	.20	420	< 4
013689	M	< 2	2.41	11	212	1	.13	9	23	8	1.05	17	.17	278	< 4
013690	M	< 2	2.59	12	216	2	.13	7	25	9	1.04	18	.18	187	< 4
013691	M	< 2	2.18	11	174	1	.09	9	21	10	.89	15	.14	216	< 4
013692	M	< 2	1.64	10	152	1	.15	5	18	7	.73	12	.12	228	< 4
013693	M	< 2	3.57	21	202	2	.21	16	39	13	1.79	29	.31	236	< 4
013694	M	< 2	2.61	15	225	2	.29	12	28	10	1.43	19	.25	262	< 4
013695	M														
013700	M	2	2.32	747	254	1	19.23	10	26	11	1.16	13	.31	679	< 4
013701	M	2	3.08	875	329	1	15.94	13	33	24	1.55	17	.40	724	< 4
013702	M	< 2	4.26	898	323	1	10.78	16	46	25	1.85	30	.50	668	5

ANALYTICAL RESULTS - STREAM SEDIMENT

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
013560	M	.09	10	24	611			4	10	1282		82	11	46	48
013561	M	.10	7	22	457			4	7	1314		78	13	40	50
013569	M	.17	6	16	490			6	8	1663		47	12	31	61
013570	M	.19	6	15	348			5	9	2094		42	12	37	66
013572	M	.20	6	19	789			7	9	2079		53	13	316	75
013573	M	.11	9	19	463			7	10	2027		70	14	293	76
013574	M	.17	7	15	341			5	8	1684		50	13	338	67
013576	M	.10	9	15	451			4	7	1388		61	13	28	58
013580	M	.10	9	20	530			5	10	1610		74	13	45	63
013581	M	.07	5	13	366			5	7	1560		46	14	132	70
013585	M	.09	11	13	459			5	6	1676		52	14	160	77
013589	M	.11	13	21	491			5	10	2052		72	15	176	84
013596	M	.08	10	14	372			5	7	1633		57	14	30	70
013597	M	.08	5	17	411			4	6	984		48	13	29	43
013600	M	.08	5	18	465			4	4	1223		61	12	39	49
013601	M	.08	6	19	513			4	9	1190		67	12	37	48
013602	M	.10	8	21	433			5	7	1483		71	14	37	64
013604	M	.08	6	20	416			5	7	1197		60	14	43	50
013605	M	.07	12	18	369			5	7	1722		75	15	29	72
013616	M	.14	13	16	434			6	10	2158		66	16	40	90
013621	M	.16	5	7	214			3	4	963		25	9	12	46
013622	M	.14	5	15	420			5	7	1277		48	13	23	56
013625	M	.38	6	10	292			5	9	1695		39	12	24	82
013629	M	.12	6	12	213			4	7	1616		40	10	22	59
013632	M	.09	4	8	134			3	7	1740		28	8	16	62
013637	M	.23	< 4	8	152			3	6	1170		29	9	17	70
013639	M	.16	< 4	8	117			2	4	979		23	6	15	55
013641	M	.20	< 4	5	67			2	3	788		16	5	12	38
013642	M	.22	5	10	134			4	5	1190		29	9	22	62
013643	M	.20	5	6	124			2	7	984		21	7	17	55
013644	M	.28	< 4	11	124			4	7	1343		36	9	21	71
013646	M	.18	4	7	99			3	11	1100		22	9	16	107
013648	M	.61	6	10	287			4	11	1835		33	13	25	95
013653	M	.33	6	16	195			6	10	1749		50	13	35	84
013654	M	.25	6	19	201			7	9	2067		56	14	38	96
013655	M	.24	5	9	147			4	9	1436		35	9	28	72
013656	M	.21	5	7	117			3	20	1264		23	11	15	98
013657	M	.32	4	10	144			4	8	1617		36	11	22	84
013671	M	.08	4	10	154			4	7	1282		35	8	27	66
013674	M	.22	6	11	157			5	8	1726		40	11	30	81
013676	M	.25	8	15	293			6	9	1954		47	12	40	81
013681	M	.17	5	9	130			3	5	1405		30	9	24	70
013682	M	.23	5	7	173			4	8	1486		29	9	28	78
013686	M	.18	5	10	237			4	6	1399		36	10	25	66
013689	M	.21	5	9	160			4	6	1461		31	9	26	77
013690	M	.24	4	10	182			4	6	1418		31	9	25	68
013691	M	.27	4	8	95			3	7	1294		26	8	20	70
013692	M	.21	< 4	7	96			2	10	1154		22	8	16	81
013693	M	.30	7	15	152			6	10	2157		50	13	30	112
013694	M	.19	6	11	146			4	5	1560		39	10	25	73
013695	M														
013700	M	.15	5	14	332			4	6	1069		32	9	15	54
013701	M	.17	8	14	371			5	9	1585		42	13	31	72
013702	M	.22	10	17	482			7	12	2026		64	18	32	94

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS		SE	U_MS	U_FL	U_NT	F
013705	M										5.1		0.2		1.40	2.15	
013707	M										5.3		0.3		1.48	2.30	
013708	M										2.4	<	0.1		1.88		
013709	M										2.5		0.2		3.16		0
013710	M										2.8	<	0.1		2.29	3.06	
013711	M										2.5	<	0.1		4.83	5.24	
013712	M										2.0		0.3		3.09	3.47	
013713	M										2.5		0.2		2.29	3.04	
013714	M										4.1		0.2		1.36	1.97	
013715	M										2.6	<	0.1		1.92	2.49	
013716	M										2.3	<	0.1		2.20	2.82	
013717	M										2.4		0.8		1.54	2.42	
013718	M										3.5		0.4		1.89	2.90	
013719	M									2277	1.7		0.2		1.45	2.54	
013721	M										1.8	<	0.1		1.75	1.82	0
013722	M										2.6		0.3		2.46	3.42	
013723	M										3.2		0.3		2.19	2.63	
013724	M										2.7		0.1		1.83	3.19	
013725	M										2.9	<	0.1		1.80	2.30	
013726	M										4.9		0.1		1.45	2.27	
013727	M										2.6		0.5		2.55	3.28	
013728	M										2.9		0.3		2.52	3.27	
013729	M										5.6	<	0.1		1.46	2.37	
013730	M										6.3		0.3		1.28	1.65	
013732	M										4.3	<	0.1		1.38	2.52	0
013733	M										6.0		0.4		0.97	1.80	
013734	M										2.3		0.5		1.94	2.90	
101802	M										2.8	<	0.1		1.35	1.94	
101914	M										1.4	<	0.1		0.89	2.22	
101915	M										3.4	<	0.1		1.62	2.54	
101916	M										1.5		0.2		0.67	0.83	
101917	M										1.4		0.7		0.44	1.49	
101918	M										4.5		0.8		1.04	2.21	
101919	M										3.9		0.3		1.69	3.25	
101920	M										4.3		0.6		2.10	3.41	
101923	M										1.2	<	0.1		0.57	3.18	0
101924	M										1.0	<	0.1		1.67		
101926	M										0.7	<	0.1		0.51	2.44	
101927	M										0.6	<	0.1		0.54	1.45	
101928	M										0.7	<	0.1		3.92	17.40	
101929	M										0.7	<	0.1		0.59	2.07	
101932	M										0.8	<	0.1		1.13	5.72	
101933	M										2.7		0.4		0.77		
101940	M										4.3		0.4		1.76	3.08	
101943	M										1.2	<	0.1		1.22	4.54	
101944	M										1.2	<	0.1		1.13	2.29	0
101945	M										0.7	<	0.1		1.17	2.82	
101946	M										1.3	<	0.1		1.32	1.82	
101949	M										0.7		0.2		1.44	2.88	
101950	M										0.8	<	0.1		1.44	2.66	
101953	M										0.5		0.1		0.84	1.96	
101954	M										1.1	<	0.1		1.03	1.55	
101959	M										0.5		0.1		0.57	0.87	
101960	M										1.1	<	0.1		1.63	3.06	

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	FI
013705	M	< 2	3.77	888	285		10.87	18	37	26	2.00	24	.45	871	< 4	
013707	M	< 2	3.55	921	280		7.19	15	36	24	1.79	20	.40	1296	< 4	
013708	M	2	1.56	838	156		14.88	8	17	21	.94	10	.27	390	< 4	
013709	M	2	2.71	874	162		18.17	10	30	20	1.22	18	.42	454	< 4	
013710	M	2	2.68	787	207		11.34	14	28	11	1.32	17	.37	494	5	
013711	M	3	2.41	893	109		21.04	5	27	10	1.02	14	.44	226	< 4	
013712	M	2	2.54	920	168		14.99	7	27	21	1.23	15	.44	299	< 4	
013713	M	< 2	2.97	966	190		13.10	11	30	20	1.45	18	.43	323	< 4	
013714	M	2	3.01	893	244		14.08	13	30	22	1.84	16	.44	776	< 4	01
013715	M	2	2.61	890	217		16.19	8	26	20	1.30	16	.39	659	< 4	
013716	M	2	2.13	919	229		16.96	10	23	18	1.07	13	.43	400	< 4	
013717	M	< 2	1.82	848	180		15.39	8	18	19	.96	10	.26	427	< 4	
013718	M	< 2	3.53	933	242		8.59	15	37	29	1.68	20	.43	562	5	
013719	M	< 2	1.36	824	165		9.85	7	16	17	.66	9	.20	345	7	
013721	M	< 2	1.76	896	178		7.90	9	19	18	.86	11	.27	384	< 4	
013722	M	2	2.67	865	169		15.36	8	28	19	1.35	17	.40	337	< 4	
013723	M	2	3.22	909	229		10.76	17	34	23	1.79	19	.47	647	5	
013724	M	< 2	3.35	925	210		8.02	14	36	14	1.44	25	.40	365	7	
013725	M	2	3.18	881	212		12.13	12	35	14	1.50	22	.41	480	< 4	
013726	M	2	3.21	804	233		12.17	14	35	17	1.69	20	.41	744	< 4	01
013727	M	< 2	2.98	899	197		13.48	11	31	13	1.36	22	.41	489	< 4	
013728	M	2	2.95	841	186		12.39	10	32	16	1.33	22	.40	404	< 4	
013729	M	< 2	3.24	1054	231		7.80	13	34	16	1.78	22	.35	674	< 4	
013730	M	2	2.96	897	295		16.51	11	31	14	1.59	19	.43	529	< 4	
013732	M	< 2	2.93	931	218		5.46	12	29	14	1.57	19	.31	546	< 4	
013733	M	< 2	2.79	853	240		14.89	10	29	14	1.54	18	.39	619	< 4	
013734	M	< 2	2.79	952	202		9.29	8	28	19	1.23	20	.35	395	< 4	
101802	M	< 2	1.82	25	123		6.60	9	21	20	1.01	11	.19	633	< 4	
101914	M	< 2	1.14	< 10	101		.10	7	22	9	.12	10	.07	162	< 4	
101915	M	< 2	2.04	10	151	2	.17	10	29	8	1.35	19	.17	214	< 4	01
101916	M	< 2	.68	< 10	73		.05	4	18	9	.60	9	.05	76	< 4	
101917	M	< 2	1.09	12	114		.10	12	22	14	1.17	12	.10	248	< 4	
101918	M	< 2	1.44	21	140	4	.12	17	34	13	1.62	15	.14	395	< 4	
101919	M	< 2	3.35	14	246	3	.30	16	42	15	2.16	30	.28	433	< 4	
101920	M	< 2	2.92	26	203	6	.24	11	39	18	1.98	25	.24	352	< 4	
101923	M	< 2	.64	< 10	72		.05	5	18	5	.76	< 7	.05	224	< 4	
101924	M	< 2	.76	< 10	195	3	.10	6	27	4	1.94	5	.05	758	< 4	
101926	M	< 2	1.06	< 10	207		.71	4	11	4	.56	5	.05	395	< 4	
101927	M	< 2	.90	< 10	187		.06	< 4	9	3	.51	5	< .05	223	< 4	
101928	M	2	.83	< 10	163	4	.14	< 4	24	3	1.97	5	.05	1009	< 4	01
101929	M	< 2	1.32	< 10	204		.08	4	10	3	.52	8	.07	153	< 4	
101932	M	< 2	1.18	< 10	198		.19	< 4	13	8	.78	7	.08	400	< 4	
101933	M	< 2	1.68	14	187		.34	13	20	13	1.13	14	.14	219	< 4	
101940	M	< 2	3.05	17	254	2	.27	22	37	24	2.11	26	.25	610	< 4	
101943	M	< 2	.81	< 10	163	< 1	.17	< 4	10	3	.48	6	.08	941	< 4	
101944	M	< 2	1.43	< 10	198		.22	4	12	5	.66	9	.13	171	< 4	
101945	M	< 2	1.73	< 10	267		.39	< 4	10	5	.60	8	.15	316	< 4	
101946	M	< 2	2.67	15	383		1.35	7	15	6	.85	15	.64	234	< 4	
101949	M	< 2	2.61	13	370		.25	5	15	8	.85	12	.20	396	< 4	
101950	M	< 2	3.09	20	381		.54	8	19	8	1.07	17	.49	268	< 4	01
101953	M	< 2	1.07	< 10	198	< 1	.08	< 4	6	4	.32	5	.07	152	< 4	
101954	M	< 2	1.43	< 10	181		.39	4	12	5	.57	8	.14	152	< 4	
101959	M	< 2	.85	< 10	206	< 1	.19	< 4	5	3	.28	4	.06	184	< 4	
101960	M	< 2	2.47	12	309		.23	5	15	7	.91	12	.21	292	< 4	

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	FI
013705	M	.23	9	16	334			7	6	1982		53	15	33	81	
013707	M	.22	9	17	345			6	6	1878		52	15	37	79	
013708	M	.17	4	10	367			3	5	963		28	11	34	61	
013709	M	.17	9	10	300			5	7	1244		48	13	16	75	01
013710	M	.19	7	17	328			5	11	1481		51	14	21	85	
013711	M	.13	6	13	203			4	7	1141		51	10	9	69	
013712	M	.18	8	6	1057			5	9	1534		48	13	37	90	
013713	M	.19	8	18	373			5	5	1748		50	14	25	92	
013714	M	.15	10	14	344			6	8	1755		51	15	30	78	
013715	M	.16	4	19	322			5	4	1361		42	12	21	75	
013716	M	.20	7	14	1010			4	8	1349		38	11	23	79	
013717	M	.15	5	8	238			3	5	1237		30	10	12	69	
013718	M	.23	11	24	248			6	13	2117		61	15	54	95	
013719	M	.14	7	6	191			3	10	999		24	9	12	70	01
013721	M	.15	6	12	195			3	9	1162		29	8	14	67	
013722	M	.16	7	10	335			5	8	1444		51	13	31	83	
013723	M	.17	9	18	488			6	11	1841		60	16	35	93	
013724	M	.20	11	17	316			5	13	1823		55	15	31	96	
013725	M	.16	10	15	412			5	8	1539		48	13	34	72	
013726	M	.18	11	20	399			6	9	1685		48	14	34	75	
013727	M	.17	8	17	398			5	5	1441		50	14	29	79	
013728	M	.16	11	15	380			5	8	1496		49	13	31	79	
013729	M	.20	10	17	246			6	10	2023		48	14	36	97	
013730	M	.16	8	14	321			6	6	1464		46	11	24	61	
013732	M	.18	11	11	207			5	8	1875		43	13	46	89	01
013733	M	.15	8	14	374			5	6	1272		43	10	32	59	
013734	M	.20	6	18	358			4	5	1456		43	13	49	83	
101902	M	.13	7	32	435			2	2	1418		36	4	46	29	
101914	M	.05	10	7	133			3	4	1740		41	6	18	60	
101915	M	.12	25	9	164			4	11	2506		44	9	23	101	
101916	M	< .05	10	5	101			2	4	1351		19	3	36	32	
101917	M	< .05	15	6	185			3	6	1910		35	5	236	53	
101918	M	.06	30	8	269			3	6	2430		42	7	244	72	
101919	M	.22	38	15	335			7	12	4018		74	14	38	141	01
101920	M	.18	40	12	338			6	14	3624		60	11	249	160	
101923	M	< .05	8	5	96			2	5	1385		24	6	13	53	
101924	M	.10	25	2	119			4	25	9790		57	15	20	190	
101926	M	.21	5	3	57			1	6	1952		18	6	34	68	
101927	M	.18	6	< 2	58			1	5	1560		16	5	6	58	
101928	M	.14	27	< 2	129			5	70	11616		57	34	19	467	
101929	M	.28	7	3	67			2	4	1525		17	6	9	64	
101932	M	.22	12	3	81			2	4	3597		25	10	37	149	
101933	M	.09	20	8	225			3	7	1674		31	6	255	71	
101940	M	.23	31	14	318			6	12	3364		59	12	408	138	01
101943	M	.09	4	3	104			2	4	1215		14	8	7	112	
101944	M	.14	< 4	7	83			2	4	1265		19	7	13	70	
101945	M	.30	4	4	87			2	3	1469		18	7	11	73	
101946	M	.62	4	8	262			3	9	1481		24	9	152	75	
101949	M	.59	6	7	260			3	11	1964		25	11	31	96	
101950	M	.64	5	9	303			4	9	1768		27	11	25	87	
101953	M	.17	< 4	3	77			1	2	924		11	5	11	52	
101954	M	.15	< 4	4	81			2	6	1130		18	8	10	69	
101959	M	.11	< 4	2	43			1	3	629		8	3	6	22	
101960	M	.48	4	6	196			3	10	1791		26	11	21	92	012

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 28 --SECTION 1 OF 3

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT
101963	M										0.5	< 0.1		1.53	2.99
101966	M										0.7	< 0.1		0.98	2.16
101967	M										2.2	< 0.1		1.71	3.60
101968	M										1.0	0.2		1.08	2.13
101975	M										0.9	0.3		0.89	
101976	M										1.7	< 0.1		1.55	
101978	M										2.4	< 0.1		1.63	
101979	M										1.4	0.7		1.96	
102084	M										3.5	0.3		0.80	2.41
102085	M										5.0	0.3		0.83	2.12
102086	M										5.3	< 0.1		1.27	2.80
102087	M										6.1	< 0.1		1.16	2.24
102088	M										3.9	< 0.1		1.02	2.58
102089	M										3.1	0.3		0.72	2.00
102090	M										1.9	< 0.1		1.23	2.82
102091	M										0.8	0.7		0.74	2.30
102092	M										2.3	< 0.1		1.41	2.99
102093	M										1.5	< 0.1		0.93	1.73
102094	M										1.3	< 0.1		1.15	3.91
102108	M										3.5	0.5		2.42	3.73
102109	M										3.7	0.2		1.51	2.36
102110	M										3.8	0.4		1.38	2.67
102111	M										1.8	0.2		0.96	
102112	M										2.6	0.5		1.12	2.55
102113	M										0.8	< 0.1		1.00	2.82
102114	M										1.8	< 0.1		1.24	3.46
102115	M										3.0	< 0.1		1.05	2.63
102150	M										0.6	0.1		1.11	
102154	M										0.8	< 0.1		1.08	2.31
102155	M										0.4	< 0.1		0.36	1.05
102158	M										2.6	< 0.1		0.64	1.72
102161	M										3.9	< 0.1		1.05	2.53
102163	M										7.5	0.1		1.66	2.87
102164	M										3.7	0.2		1.17	2.19
102169	M										1.3	0.1		0.80	1.47
102170	M										0.2	0.1		0.25	1.80
102174	M										0.6	< 0.1		0.47	1.04
102176	M										1.4	0.3		0.69	1.79
102178	M									<	0.1	< 0.1		0.50	1.77
102180	M										0.2	< 0.1		0.38	0.78
102182	M										0.5	0.2		0.66	2.11
102185	M										4.6	< 0.1		0.98	1.88
102187	M										7.4	0.4		1.39	2.54
102188	M										5.2	< 0.1		1.19	2.40
102190	M										4.5	< 0.1		1.58	3.02
102193	M										5.0	< 0.1		1.33	2.03
102197	M										0.6	< 0.1		0.48	3.14
102200	M										2.6	< 0.1		1.04	1.88
102201	M										0.7	< 0.1		1.13	9.88
102205	M										2.0	0.2		1.42	3.72
102206	M										2.0	0.5		1.66	2.92
102208	M										2.0	0.3		1.24	3.09
102209	M										2.7	0.5		2.00	3.20
102210	M										2.0	< 0.1		1.59	2.34

ANALYTICAL RESULTS - STREAM SEDIMENT — PAGE 28 --SECTION 2 OF 3

SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	FI
101963	M	< 2	2.03	< 10	293	1	.72	4	11	5	.66	10	.21	253	< 4	0
101966	M	< 2	1.22	< 10	202	< 1	.09	< 4	9	4	.40	6	.08	127	< 4	
101967	M	< 2	3.22	12	282	1	.28	9	28	10	1.59	23	.32	445	< 4	
101968	M	< 2	1.75	< 10	203	< 1	.14	5	15	8	.80	11	.14	148	< 4	
101975	M	< 2	1.60	10	183	1	.16	6	14	6	.87	11	.17	230	< 4	
101976	M	< 2	3.31	22	290	1	.54	13	28	11	1.71	23	.56	294	< 4	
101978	M	< 2	1.14	< 10	112	1	.35	12	22	8	2.08	9	.11	227	< 4	
101979	M	< 2	2.64	14	225	1	.31	11	23	10	1.45	18	.30	294	< 4	
102084	M	< 2	1.22	< 10	129	1	2.32	6	18	6	.95	10	.10	466	< 4	
102085	M	< 2	2.07	< 10	174	1	4.91	11	24	7	1.34	16	.19	563	5	
102086	M	< 2	2.34	13	224	2	2.03	12	27	11	1.44	17	.20	573	< 4	01
102087	M	< 2	2.22	14	184	1	6.67	11	24	8	1.48	16	.27	957	< 4	
102088	M	< 2	1.92	10	169	1	.93	7	20	7	1.07	15	.15	453	< 4	
102089	M	< 2	.93	< 10	103	1	.29	7	15	4	.85	9	.06	314	< 4	
102090	M	< 2	1.62	< 10	147	1	.20	7	19	6	.88	12	.12	322	4	
102091	M	< 2	1.44	11	121	1	.10	10	23	16	.95	11	.08	185	< 4	
102092	M	< 2	2.45	11	183	3	.19	16	45	19	2.27	18	.17	432	< 4	
102093	M	< 2	1.15	< 10	159	1	.05	7	21	5	.87	11	.06	247	< 4	
102094	M	< 2	1.39	< 10	213	1	.09	< 4	10	4	.73	8	.07	241	< 4	
102108	M	< 2	3.23	27	218	6	.24	14	44	19	1.81	28	.27	361	4	
102109	M	< 2	2.10	12	212	2	.14	15	31	7	1.67	20	.19	518	< 4	01
102110	M	< 2	2.19	19	175	4	.19	17	28	15	1.57	19	.20	369	< 4	
102111	M	< 2	2.32	18	264	3	.46	5	18	12	1.00	15	.22	552	< 4	
102112	M	< 2	2.13	< 10	196	2	.18	16	41	16	1.99	17	.20	487	< 4	
102113	M	< 2	1.96	< 10	254	1	.17	6	14	6	.74	12	.15	422	< 4	
102114	M	< 2	2.25	11	374	2	.23	14	20	8	1.08	18	.20	785	< 4	
102115	M	< 2	3.76	28	391	2	.89	12	30	11	1.63	30	.72	458	< 4	
102150	M	< 2	1.04	14	175	1	1.42	4	23	10	1.37	8	.09	735	< 4	
102154	M	< 2	1.53	< 10	221	1	.49	4	11	4	.70	8	.10	262	< 4	
102155	M	< 2	.70	< 10	168	< 1	.66	< 4	6	3	.38	5	< .05	124	< 4	
102158	M	< 2	1.17	16	167	1	1.03	22	30	20	2.18	11	.09	638	< 4	01
102161	M	< 2	3.44	25	245	2	.40	14	34	12	2.13	36	.28	545	< 4	
102163	M	< 2	3.73	15	546	2	7.63	17	39	12	2.30	29	.43	980	< 4	
102164	M	< 2	2.91	10	206	1	2.20	11	28	8	1.56	21	.26	667	4	
102169	M	< 2	1.36	18	167	1	.35	8	12	16	.66	8	.16	414	< 4	
102170	M	< 2	.80	15	183	< 1	< .05	< 4	4	15	.25	5	< .05	85	< 4	
102174	M	< 2	1.03	< 10	198	1	.18	< 4	6	3	.35	6	.05	250	< 4	
102176	M	< 2	1.84	< 10	358	1	.35	< 4	7	4	.72	9	.09	665	< 4	
102178	M	< 2	.86	< 10	213	1	.14	< 4	6	4	.33	5	< .05	146	< 4	
102180	M	< 2	.98	< 10	216	< 1	.36	< 4	6	2	.24	5	.05	161	< 4	
102182	M	< 2	1.19	< 10	203	1	.87	< 4	7	3	.44	8	.09	198	< 4	01
102185	M	< 2	2.46	23	150	1	13.47	9	27	9	1.73	23	.38	531	< 4	
102187	M	< 2	3.00	21	324	2	1.44	29	31	12	3.08	29	.27	1113	< 4	
102188	M	< 2	2.76	23	211	2	2.25	19	30	10	2.32	26	.27	508	< 4	
102190	M	< 2	2.63	12	456	2	1.07	15	23	10	1.78	18	.23	930	< 4	
102193	M	< 2	2.63	19	242	1	14.28	11	29	10	1.66	19	.34	923	< 4	
102197	M	< 2	1.17	< 10	180	< 1	.65	< 4	8	5	.47	7	.21	163	< 4	
102200	M	< 2	2.16	14	200	1	2.70	7	18	9	1.04	12	.44	366	< 4	
102201	M	< 2	.52	< 10	195	< 1	.23	< 4	5	5	.26	4	.05	295	< 4	
102205	M	< 2	2.26	10	280	< 1	3.59	6	18	6	1.01	15	.22	390	< 4	
102206	M	< 2	2.10	10	210	< 1	6.52	8	20	8	1.25	16	.22	477	< 4	01
102208	M	< 2	2.63	13	246	1	4.27	6	24	8	1.25	18	.26	407	< 4	
102209	M	< 2	3.45	18	258	1	4.84	7	31	12	1.55	26	.36	387	< 4	
102210	M	< 2	2.71	14	196	1	3.48	6	24	8	1.20	19	.30	288	< 4	

SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR	F
101963	M	.45	5	4	156			2	6	1627		20	9	18	83	
101966	M	.22	4	3	52			1	7	1358		14	7	7	82	
101967	M	.31	4	14	217			5	11	1788		44	14	29	120	
101968	M	.22	4	6	84			2	5	1101		22	8	13	70	0
101975	M	.13 <	4	7	102			3	5	1045		23	7	13	55	
101976	M	.34	6	15	207			6	7	1857		47	12	34	89	
101978	M	.16	5	6	89			3	10	1259		46	8	24	86	
101979	M	.34	7	13	130			5	7	1682		39	11	29	83	
102084	M	.08	6	5	206			2	7	1439		27	7	16	58	
102085	M	.12	15	9	302			4	7	1495		36	10	22	55	
102086	M	.17	10	11	367			4	10	2024		43	12	39	84	
102087	M	.10	7	11	388			4	9	1678		36	12	22	61	
102088	M	.17	7	8	218			3	7	1733		30	10	25	76	
102089	M	.07	6	4	122			2	11	2317		19	7	11	54	0
102090	M	.16	8	6	142			3	12	1728		28	9	18	84	
102091	M	.09	9	7	109			3	8	1813		36	8	235	75	
102092	M	.11	36	17	313			8	10	4893		96	11	29	118	
102093	M	.12	15	5	120			2	6	2106		28	6	12	72	
102094	M	.33	8	3	105			2	10	2825		20	9	12	116	
102108	M	.20	41	13	343			6	16	3906		61	12	257	171	
102109	M	.11	31	10	254			4	8	2774		48	9	40	108	
102110	M	.13	27	8	242			4	11	2597		45	8	265	107	
102111	M	.31	19	6	241			3	7	2096		32	7	245	92	
102112	M	.11	26	15	266			6	10	3738		80	10	24	98	0
102113	M	.40	7	4	180			3	9	1655		21	9	23	84	
102114	M	.33	15	10	158			4	9	2198		35	10	19	102	
102115	M	.57	10	13	299			6	12	1928		49	13	35	84	
102150	M	.13	15	3	160			3	14	5874		36	12	233	152	
102154	M	.27	7	4	83			2	8	2131		20	8	13	85	
102155	M	.09 <	4	2	57			1	< 2	666		9	3	5	23	
102158	M	.06	6	11	248			3	7	1457		42	8	322	66	
102161	M	.26	8	17	215			7	9	2130		52	12	33	71	
102163	M	.12	5	20	415			7	9	1629		76	14	31	67	
102164	M	.13	6	13	215			5	10	1533		52	11	24	63	0
102169	M	.13 <	4	6	41			2	4	983		16	7	317	46	
102170	M	.09	4 <	2	39			1	2	1287		7	4	369	56	
102174	M	.19	4	2	49			1	3	820		10	4	5	24	
102176	M	.54	4	2	237			1	5	1437		12	7	12	59	
102178	M	.09	6 <	2	33			1	5	1875		11	4	7	55	
102180	M	.20 <	4	2	62			1	3	661		7	3	6	25	
102182	M	.19 <	4	4	79			2	2	1415		13	6	8	52	
102185	M	.14	6	14	292			6	5	1363		38	11	22	50	
102187	M	.29	7	18	270			6	12	1905		50	14	28	75	
102188	M	.21	6	16	235			6	11	1963		44	13	25	73	
102190	M	.41	13	12	216			5	16	3980		47	17	28	126	01
102193	M	.17	5	15	312			5	7	1328		43	12	19	53	
102197	M	.12 <	4	3	45			2	3	788		12	6	6	43	
102200	M	.19	6	8	100			3	5	1200		26	9	11	48	
102201	M	.06 <	4	2	43			1	7	811		8	9	8	144	
102205	M	.33	6	7	178			3	6	1886		32	11	17	87	
102206	M	.23	6	10	246			4	6	2104		34	11	21	75	
102208	M	.34	8	10	382			4	7	1968		36	12	26	87	
102209	M	.35	7	14	378			5	7	1864		50	14	30	89	
102210	M	.18	5	10	204			4	7	1372		41	11	21	66	01

SAMPLE	TYPE	T_AK	M_AK	P_AK	PH	LIP	DO	CT_F	CT_L	SO4	AS	SE	U_MS	U_FL	U_NT
102215	M										1.1	< 0.1		1.20	2.37
102217	M										1.6	< 0.1		1.78	3.90
102218	M										1.6	< 0.1		1.50	2.95
102219	M										0.9	0.2		1.34	3.06
102221	M										2.2	0.7		1.72	2.21
102227	M										3.8	0.2		2.15	2.62
102229	M										3.1	< 0.1		2.06	4.42
102232	M										J.9	0.5		1.19	3.26
102540	M										0.6	< 0.1		1.38	2.87
102541	M										0.5	0.1		1.13	2.68
102542	M										< 0.1	< 0.1		0.84	1.85
102544	M										0.6	0.1		0.95	1.40

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SAMPLE	TYPE	AG	AL	B	BA	BE	CA	CO	CR	CU	FE	LI	MG	MN	MO	FI
102215	M	< 2	2.24	< 10	248	< 1	.19	6	16	7	.93	14	.15	204	< 4	0
102217	M	< 2	2.91	12	333	1	.21	6	19	8	1.08	17	.23	314	< 4	
102218	M	< 2	2.94	10	257	1	.26	7	24	9	1.36	20	.24	265	< 4	
102219	M	< 2	1.62	< 10	223	< 1	.30	5	14	7	.85	11	.13	415	< 4	
102221	M	< 2	3.87	18	339	1	.34	15	39	15	2.26	31	.47	367	< 4	
102227	M	< 2	4.02	16	227	1	.26	10	36	14	1.91	31	.36	388	< 4	
102229	M	< 2	4.04	17	294	1	.46	15	35	15	1.95	30	.41	511	< 4	
102232	M	< 2	1.12	< 10	81	< 1	.22	5	20	9	.69	10	.09	159	< 4	
102540	M	< 2	2.03	11	250	< 1	.19	5	15	24	.74	11	.13	220	< 4	
102541	M	< 2	1.87	11	234	< 1	.18	5	13	14	.63	9	.11	150	< 4	
102542	M	< 2	1.69	14	176	< 1	.21	4	9	13	.62	6	.25	82	< 4	
102544	M	< 2	1.21	< 10	149	< 1	1.34	5	9	12	.55	8	.15	188	< 4	01

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SAMPLE	TYPE	NA	NB	NI	P	PB	PT	SC	TH	TI	U	V	Y	ZN	ZR
102215	M	.45	4	7	113			3	8	1532		26	8	17	69
102217	M	.66	6	8	255			4	14	2128		33	14	25	117
102218	M	.53	6	11	169			4	10	1935		38	12	25	99
102219	M	.36	7	6	129			2	9	2299		26	9	18	90
102221	M	.30	6	21	149			7	11	1740		58	12	37	76
102227	M	.36	6	18	254			7	11	1943		53	14	43	98
102229	M	.44	8	18	178			7	14	2065		55	16	43	121
102232	M	.18	5	5	97			2	17	1033		20	10	16	117
102540	M	.29	8	5	163			3	9	1823		24	10	213	95
102541	M	.33	7	6	78			2	10	1775		22	8	213	84
102542	M	.06	8	2	33			3	6	1610		19	6	203	78
102544	M	.09	5	4	79			2	5	974		18	7	199	42

[redacted] M 6 [redacted]

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012350 SAMPLE TYPE STREAM SEDIMENT ;SITE 0005 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/02/78
AIR TEMP(C)+ 10.0 ;LAT 33.058 ;LONG 97.929 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-WH-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GIBTOWN 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 25M UPSTREAM FROM BRIDGE:

012351 SAMPLE TYPE STREAM SEDIMENT ;SITE 0006 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/02/78
AIR TEMP(C)+ 10.0 ;LAT 33.077 ;LONG 97.914 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GIBTOWN 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM BOONS CREEK:

012352 SAMPLE TYPE STREAM SEDIMENT ;SITE 0007 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/02/78
AIR TEMP(C)+ 10.4 ;LAT 33.076 ;LONG 97.912 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS MINING ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GIBTOWN 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 25M UPSTREAM FROM BOONS CREEK: I-60 POSSIBLE CONTAMINATION FROM QUARRY UPSTREAM ALONG EDGE OF BASIN:

012353 SAMPLE TYPE STREAM SEDIMENT ;SITE 0008 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/02/78
AIR TEMP(C)+ 9.0 ;LAT 33.101 ;LONG 97.885 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 GIBTOWN 7.5 QUAD, COLLECTED IN CENTER OVER 20M INTERVAL STARTING 40M UPSTREAM FROM BOONS CREEK:

012354 SAMPLE TYPE STREAM SEDIMENT ;SITE 0009 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/02/78
AIR TEMP(C)+ 9.5 ;LAT 33.055 ;LONG 97.872 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BOONSVILLE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 25M UPSTREAM FROM BRIDGE:

012356 SAMPLE TYPE STREAM SEDIMENT ;SITE 0010 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/02/78
AIR TEMP(C)+ 9.5 ;LAT 33.060 ;LONG 97.861 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BOONSVILLE 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012357 SAMPLE TYPE STREAM SEDIMENT ;SITE 0011 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/23/02/78
AIR TEMP(C)+ 15.0 ;LAT 33.050 ;LONG 97.752 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 012
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 20%
REMARKS:
I-38 BOONSVILLE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 150M UPSTREAM FROM BRIDGE:

012358 SAMPLE TYPE STREAM SEDIMENT ;SITE 0012 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/02/78
AIR TEMP(C)+ 18.0 ;LAT 33.073 ;LONG 97.861 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 012
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BOONSVILLE 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 35M UPSTREAM FROM BRIDGE:

012359 SAMPLE TYPE STREAM SEDIMENT ;SITE 0013 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/02/78
AIR TEMP(C)+ 19.0 ;LAT 33.106 ;LONG 97.867 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 012
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BOONSVILLE 7.5 QUAD; COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM WILLOW CREEK:

012360 SAMPLE TYPE STREAM SEDIMENT ;SITE 0014 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/02/78
AIR TEMP(C)+ 17.0 ;LAT 33.137 ;LONG 97.895 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-BN-BK ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 012
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012361 SAMPLE TYPE STREAM SEDIMENT ;SITE 0015 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/02/78
AIR TEMP(C)+ 18.0 ;LAT 33.149 ;LONG 97.896 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 012
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 35M UPSTREAM FROM ROAD:

012362 SAMPLE TYPE STREAM SEDIMENT ;SITE 0016 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/02/78

AIR TEMP(C)+ 18.0 ;LAT 33.184 ;LONG 97.894 ;UNIT CODE PGJC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM LAKE:

012363 SAMPLE TYPE STREAM SEDIMENT ;SITE 0017 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/02/78
AIR TEMP(C)+ 19.0 ;LAT 33.230 ;LONG 97.911 ;UNIT CODE PGDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 25M STARTING 20M UPSTREAM FROM ROAD:

012364 SAMPLE TYPE STREAM SEDIMENT ;SITE 0018 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/02/78
AIR TEMP(C)+ 19.0 ;LAT 33.223 ;LONG 97.917 ;UNIT CODE PGDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012365 SAMPLE TYPE STREAM SEDIMENT ;SITE 0019 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/02/78
AIR TEMP(C)+ 19.5 ;LAT 33.218 ;LONG 97.945 ;UNIT CODE PGDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-BK ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012366 SAMPLE TYPE STREAM SEDIMENT ;SITE 0020 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/02/78
AIR TEMP(C)+ 20.0 ;LAT 33.207 ;LONG 97.952 ;UNIT CODE PGDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012367 SAMPLE TYPE STREAM SEDIMENT ;SITE 0021 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/02/78
AIR TEMP(C)+ 20.0 ;LAT 33.211 ;LONG 97.962 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:

I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M DOWNSTREAM FROM JUNCTION OF CREEK AND PROCEEDING DOWNSTREAM:

012369 SAMPLE TYPE STREAM SEDIMENT ;SITE 0022 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/02/78
AIR TEMP(C)+ 20.0 ;LAT 33.203 ;LONG 97.969 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000 0

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M DOWNSTREAM FROM JUNCTION OF CREEKS AND PROCEEDING DOWNSTREAM:

012370 SAMPLE TYPE STREAM SEDIMENT ;SITE 0023 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/02/78
AIR TEMP(C)+ 20.4 ;LAT 33.242 ;LONG 97.977 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 0
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012371 SAMPLE TYPE STREAM SEDIMENT ;SITE 0024 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.180 ;LONG 97.978 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-36 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012373 SAMPLE TYPE STREAM SEDIMENT ;SITE 0025 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.171 ;LONG 97.977 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BEANS CREEK:

012374 SAMPLE TYPE STREAM SEDIMENT ;SITE 0026 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.157 ;LONG 97.990 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM LITTLE BEANS CREEK:

012375 SAMPLE TYPE STREAM SEDIMENT ;SITE 0027 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.157 ;LONG 97.990 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BEANS CREEK:

012376 SAMPLE TYPE STREAM SEDIMENT ;SITE 0028 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.142 ;LONG 97.945 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 30M STARTING 30M UPSTREAM FROM BRIDGE:

012377 SAMPLE TYPE STREAM SEDIMENT ;SITE 0029 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.147 ;LONG 97.933 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5 QUAD, COLLECTED IN CENTER OVER 20M INTERVAL STARTING 30M UPSTREAM FROM JASPER CREEK:

012378 SAMPLE TYPE STREAM SEDIMENT ;SITE 0030 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/28/02/78
AIR TEMP(C)+ 12.3 ;LAT 33.153 ;LONG 97.621 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 DECATUR 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 30M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING
DOWNSTREAM:

012379 SAMPLE TYPE STREAM SEDIMENT ;SITE 0031 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/28/02/78
AIR TEMP(C)+ 12.5 ;LAT 33.184 ;LONG 97.644 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 100M DOWNSTREAM FROM TRIBUTARY AND
PROCEEDING DOWNSTREAM:

012380 SAMPLE TYPE STREAM SEDIMENT ;SITE 0032 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/28/02/78
AIR TEMP(C)+ 14.8 ;LAT 33.159 ;LONG 97.647 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.40 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED ALONG WEST BANK OVER 15M INTERVAL STARTING 40M UPSTREAM FROM BRIAR BRANCH:

012381 SAMPLE TYPE STREAM SEDIMENT ;SITE 0033 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/28/02/78
AIR TEMP(C)+ 15.0 ;LAT 33.143 ;LONG 97.658 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 30M UPSTREAM FROM WEST FORK OF TRINITY RIVER: I-71 MARSH LAND UPSTREAM:

012382 SAMPLE TYPE STREAM SEDIMENT ;SITE 0034 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/28/02/78
AIR TEMP(C)+ 17.0 ;LAT 33.134 ;LONG 97.665 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-BN-BK ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 60M UPSTREAM FROM RAILROAD:

012383 SAMPLE TYPE STREAM SEDIMENT ;SITE 0035 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/28/02/78
AIR TEMP(C)+ 15.3 ;LAT 33.129 ;LONG 97.719 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 50M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012384 SAMPLE TYPE STREAM SEDIMENT ;SITE 0036 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/28/02/78
AIR TEMP(C)+ 18.0 ;LAT 33.167 ;LONG 97.682 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 6 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 20M UPSTREAM FROM TRIBUTARY:

012385 SAMPLE TYPE STREAM SEDIMENT ;SITE 0037 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/28/02/78
AIR TEMP(C)+ 18.2 ;LAT 33.172 ;LONG 97.717 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012386 SAMPLE TYPE STREAM SEDIMENT ;SITE 0038 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/28/02/78

AIR TEMP(C)+ 18.6 ;LAT 33.185 ;LONG 97.746 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT EAST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012387 SAMPLE TYPE STREAM SEDIMENT ;SITE 0039 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/01/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.103 ;LONG 97.696 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 100M UPSTREAM FROM WHERE CREEK BENDS TO FLOW ALONG ROAD:

012388 SAMPLE TYPE STREAM SEDIMENT ;SITE 0040 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/01/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.104 ;LONG 97.733 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012389 SAMPLE TYPE STREAM SEDIMENT ;SITE 0041 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/01/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.040 ;LONG 97.747 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.01
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 50%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M UPSTREAM FROM PIPELINE:

012390 SAMPLE TYPE STREAM SEDIMENT ;SITE 0042 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/01/03/78
AIR TEMP(C)+ 5.1 ;LAT 33.040 ;LONG 97.731 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012391 SAMPLE TYPE STREAM SEDIMENT ;SITE 0043 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/01/03/78
AIR TEMP(C)+ 5.2 ;LAT 33.058 ;LONG 97.707 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 25%

REMARKS:

I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012392 SAMPLE TYPE STREAM SEDIMENT ;SITE 0044 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/01/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.053 ;LONG 97.695 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012393 SAMPLE TYPE STREAM SEDIMENT ;SITE 0045 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/01/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.072 ;LONG 97.693 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012394 SAMPLE TYPE STREAM SEDIMENT ;SITE 0046 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/01/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.075 ;LONG 97.670 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 COTTONDALE 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012395 SAMPLE TYPE STREAM SEDIMENT ;SITE 0047 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/01/03/78
AIR TEMP(C)+ 10.0 ;LAT 33.084 ;LONG 97.606 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 50M UPSTREAM FROM BRIDGE:

012396 SAMPLE TYPE STREAM SEDIMENT ;SITE 0048 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.075 ;LONG 97.583 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012397 SAMPLE TYPE STREAM SEDIMENT ;SITE 0049 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.051 ;LONG 97.562 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.50

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 25%

REMARKS:

I-38 BOYD 7.5 QUAD, COLLECTED ALONG NORTH BANK OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012399 SAMPLE TYPE STREAM SEDIMENT ;SITE 0050 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/03/78

AIR TEMP(C)+ 9.0 ;LAT 33.032 ;LONG 97.560 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%

REMARKS:

I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012400 SAMPLE TYPE STREAM SEDIMENT ;SITE 0051 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/03/78

AIR TEMP(C)+ 9.0 ;LAT 33.027 ;LONG 97.550 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%

REMARKS:

I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012401 SAMPLE TYPE STREAM SEDIMENT ;SITE 0052 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/01/03/78

AIR TEMP(C)+ 8.0 ;LAT 33.027 ;LONG 97.509 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.02

WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%

REMARKS:

I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012402 SAMPLE TYPE STREAM SEDIMENT ;SITE 0053 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/01/03/78

AIR TEMP(C)+ 9.0 ;LAT 33.026 ;LONG 97.509 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.02

WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%

REMARKS:

I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M FROM OTHER CREEK:

012403 SAMPLE TYPE STREAM SEDIMENT ;SITE 0054 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/01/03/78

AIR TEMP(C)+ 9.0 ;LAT 33.068 ;LONG 97.522 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.60 ;WATER DEPTH(M) 0.60

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%

REMARKS:

I-38 BOYD 7.5 QUAD, COLLECTED ALONG EAST BANK OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012404 SAMPLE TYPE STREAM SEDIMENT ;SITE 0055 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.100 ;LONG 97.540 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012405 SAMPLE TYPE STREAM SEDIMENT ;SITE 0056 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.118 ;LONG 97.573 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM LITTLE WALNUT CREEK:

012406 SAMPLE TYPE STREAM SEDIMENT ;SITE 0057 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.118 ;LONG 97.572 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM WALNUT CREEK:

012407 SAMPLE TYPE STREAM SEDIMENT ;SITE 0058 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.123 ;LONG 97.601 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BOYD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 50M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012408 SAMPLE TYPE STREAM SEDIMENT ;SITE 0059 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/02/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.259 ;LONG 97.521 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM TRIBUTARY:

012410 SAMPLE TYPE STREAM SEDIMENT ;SITE 0060 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/02/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.264 ;LONG 97.523 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 15%
REMARKS:
1-38 PECAN CREEK 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012411 SAMPLE TYPE STREAM SEDIMENT ;SITE 0061 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.261 ;LONG 97.513 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-WH-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 PECAN CREEK 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM CATLETT CREEK:

012412 SAMPLE TYPE STREAM SEDIMENT ;SITE 0062 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.374 ;LONG 97.554 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 0.40 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 50%
REMARKS:
1-38 PECAN CREEK 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 200M DOWNSTREAM FROM COVERT:

012413 SAMPLE TYPE STREAM SEDIMENT ;SITE 0063 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.384 ;LONG 97.557 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE; I-71 CLAY BEDROCK:

012414 SAMPLE TYPE STREAM SEDIMENT ;SITE 0064 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.425 ;LONG 97.595 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 20M INTERVAL STARTING 40M DOWNSTREAM FROM JUNCTION OF TWO CREEKS:

012415 SAMPLE TYPE STREAM SEDIMENT ;SITE 0065 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.428 ;LONG 97.612 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.03
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012416 SAMPLE TYPE STREAM SEDIMENT ;SITE 0066 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.411 ;LONG 97.562 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 300M UPSTREAM FROM DENTON CREEK:

012417 SAMPLE TYPE STREAM SEDIMENT ;SITE 0067 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 22.5 ;LAT 33.399 ;LONG 97.547 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 300M UPSTREAM FROM DENTON CREEK:

012418 SAMPLE TYPE STREAM SEDIMENT ;SITE 0068 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.396 ;LONG 97.533 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 100M UPSTREAM FROM DENTON CREEK:

012419 SAMPLE TYPE STREAM SEDIMENT ;SITE 0069 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.395 ;LONG 97.515 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012420 SAMPLE TYPE STREAM SEDIMENT ;SITE 0070 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.434 ;LONG 97.578 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 300M UPSTREAM FROM TRIBUTARY:

012421 SAMPLE TYPE STREAM SEDIMENT ;SITE 0071 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/02/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.476 ;LONG 97.592 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.90 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012422 SAMPLE TYPE STREAM SEDIMENT ;SITE 0072 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/03/03/78
AIR TEMP(C)+ 2.0 ;LAT 33.292 ;LONG 97.717 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012423 SAMPLE TYPE STREAM SEDIMENT ;SITE 0073 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/03/03/78
AIR TEMP(C)+ 2.0 ;LAT 33.259 ;LONG 97.662 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 200M UPSTREAM FROM TRIBUTARY:

012424 SAMPLE TYPE STREAM SEDIMENT ;SITE 0074 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/03/78
AIR TEMP(C)+ 2.0 ;LAT 33.272 ;LONG 97.664 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012425 SAMPLE TYPE STREAM SEDIMENT ;SITE 0075 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/03/78
AIR TEMP(C)+ 2.0 ;LAT 33.274 ;LONG 97.672 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012426 SAMPLE TYPE STREAM SEDIMENT ;SITE 0076 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/03/78
AIR TEMP(C)+ 2.0 ;LAT 33.291 ;LONG 97.683 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012427 SAMPLE TYPE STREAM SEDIMENT ;SITE 0077 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/03/78
AIR TEMP(C)+ 1.0 ;LAT 33.302 ;LONG 97.695 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 ALVORD, 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM COVERT:

012428 SAMPLE TYPE STREAM SEDIMENT ;SITE 0078 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/03/78
AIR TEMP(C)+ 1.0 ;LAT 33.333 ;LONG 97.705 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.01
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 25%
REMARKS:
1-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING
DOWNSTREAM:

012429 SAMPLE TYPE STREAM SEDIMENT ;SITE 0079 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/03/78
AIR TEMP(C)+ 1.0 ;LAT 33.345 ;LONG 97.711 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS URBAN ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BK-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 25%
REMARKS:
1-38 ALVORD 7.5 QUAD, COLLECTED IN VARIOUS PARTS OF CREEK OVER 30M INTERVAL STARTING 30M UPSTREAM FROM T INTERSECTION:
1-60 POSSIBLE CONTAMINATION FROM TOWN OF ALVORD UPSTREAM:

012430 SAMPLE TYPE STREAM SEDIMENT ;SITE 0080 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/03/03/78
AIR TEMP(C)+ 4.0 ;LAT 33.347 ;LONG 97.732 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012431 SAMPLE TYPE STREAM SEDIMENT ;SITE 0081 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/03/03/78
AIR TEMP(C)+ 4.0 ;LAT 33.324 ;LONG 97.725 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BK-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 25%
REMARKS:
1-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING
DOWNSTREAM:

012432 SAMPLE TYPE STREAM SEDIMENT ;SITE 0082 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/03/03/78
AIR TEMP(C)+ 1.0 ;LAT 33.310 ;LONG 97.719 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 ALVORD 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012434 SAMPLE TYPE STREAM SEDIMENT ;SITE 0083 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/04/03/78
AIR TEMP(C)+ 2.0 ;LAT 33.377 ;LONG 97.691 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012435 SAMPLE TYPE STREAM SEDIMENT ;SITE 0084 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.385 ;LONG 97.746 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BIG SANDY CREEK: I-60 NEWLY
PLOWED FIELDS NEXT TO STREAM:

012436 SAMPLE TYPE STREAM SEDIMENT ;SITE 0085 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.405 ;LONG 97.711 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.40 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012437 SAMPLE TYPE STREAM SEDIMENT ;SITE 0086 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.415 ;LONG 97.723 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012438 SAMPLE TYPE STREAM SEDIMENT ;SITE 0087 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.434 ;LONG 97.733 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 100M UPSTREAM FROM TRIBUTARY:

012439 SAMPLE TYPE STREAM SEDIMENT ;SITE 0088 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.471 ;LONG 97.624 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 NEW HARP 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 40M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012440 SAMPLE TYPE STREAM SEDIMENT ;SITE 0089 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.489 ;LONG 97.665 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012441 SAMPLE TYPE STREAM SEDIMENT ;SITE 0090 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.465 ;LONG 97.736 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M UPSTREAM FROM BRIDGE:

012442 SAMPLE TYPE STREAM SEDIMENT ;SITE 0091 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/03/78
AIR TEMP(C)+ 20.5 ;LAT 33.469 ;LONG 97.762 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.40 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012443 SAMPLE TYPE STREAM SEDIMENT ;SITE 0092 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.470 ;LONG 97.754 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.40 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING AT FENCE AND PROCEEDING UPSTREAM:

012444 SAMPLE TYPE STREAM SEDIMENT ;SITE 0093 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.429 ;LONG 97.783 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM BIG SANDY CREEK:

012445 SAMPLE TYPE STREAM SEDIMENT ;SITE 0094 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/03/78

AIR TEMP(C)+ 22.0 ;LAT 33.407 ;LONG 97.777 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 10M UPSTREAM FROM PIPELINE:

012447 SAMPLE TYPE STREAM SEDIMENT ;SITE 0095 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.453 ;LONG 97.806 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012448 SAMPLE TYPE STREAM SEDIMENT ;SITE 0096 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.457 ;LONG 97.822 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 10M UPSTREAM FROM JONES CREEK:

012449 SAMPLE TYPE STREAM SEDIMENT ;SITE 0097 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/06/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.460 ;LONG 97.826 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012450 SAMPLE TYPE STREAM SEDIMENT ;SITE 0098 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.436 ;LONG 97.795 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BIG SANDY CREEK:

012451 SAMPLE TYPE STREAM SEDIMENT ;SITE 0099 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/06/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.435 ;LONG 97.822 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:

I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012452 SAMPLE TYPE STREAM SEDIMENT ;SITE 0100 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/06/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.456 ;LONG 97.841 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 10M UPSTREAM FROM ROAD:

012453 SAMPLE TYPE STREAM SEDIMENT ;SITE 0101 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/06/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.463 ;LONG 97.870 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM BRIDGE:

012454 SAMPLE TYPE STREAM SEDIMENT ;SITE 0102 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.476 ;LONG 97.904 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SELMA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM LAKE:

012456 SAMPLE TYPE STREAM SEDIMENT ;SITE 0103 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.485 ;LONG 97.949 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SELMA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 100M UPSTREAM FROM ROAD:

012457 SAMPLE TYPE STREAM SEDIMENT ;SITE 0104 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.487 ;LONG 97.953 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SELMA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012458 SAMPLE TYPE STREAM SEDIMENT ;SITE 0105 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.371 ;LONG 97.977 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-BK ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M UPSTREAM FROM TRIBUTARY:

012459 SAMPLE TYPE STREAM SEDIMENT ;SITE 0106 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.367 ;LONG 97.969 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-BK ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM BIG CREEK:

012460 SAMPLE TYPE STREAM SEDIMENT ;SITE 0107 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/08/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.342 ;LONG 97.947 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BIG CREEK:

012461 SAMPLE TYPE STREAM SEDIMENT ;SITE 0108 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/08/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.256 ;LONG 97.991 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM WEST FORK TRINITY RIVER:

012462 SAMPLE TYPE STREAM SEDIMENT ;SITE 0109 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.282 ;LONG 97.959 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM ROAD:

012463 SAMPLE TYPE STREAM SEDIMENT ;SITE 0110 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.266 ;LONG 97.964 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING AT END OF ROAD:

012464 SAMPLE TYPE STREAM SEDIMENT ;SITE 0111 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.257 ;LONG 97.954 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM WEST FORK TRINITY RIVER:

012465 SAMPLE TYPE STREAM SEDIMENT ;SITE 0112 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.259 ;LONG 97.925 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012466 SAMPLE TYPE STREAM SEDIMENT ;SITE 0113 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.300 ;LONG 97.902 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 20M INTERVAL STARTING 20M UPSTREAM FROM ROAD:

012467 SAMPLE TYPE STREAM SEDIMENT ;SITE 0114 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.299 ;LONG 97.889 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM BIG CREEK!

012468 SAMPLE TYPE STREAM SEDIMENT ;SITE 0115 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.324 ;LONG 97.922 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012469 SAMPLE TYPE STREAM SEDIMENT ;SITE 0116 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.311 ;LONG 97.888 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM ROAD:

012470 SAMPLE TYPE STREAM SEDIMENT ;SITE 0117 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.313 ;LONG 97.848 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM PIPELINE:

012471 SAMPLE TYPE STREAM SEDIMENT ;SITE 0118 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.314 ;LONG 97.844 ;UNIT CODE UKW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM PIPELINE:

012472 SAMPLE TYPE STREAM SEDIMENT ;SITE 0119 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/08/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.374 ;LONG 97.794 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED IN VARIOUS PARTS OVER 30M INTERVAL STARTING 20M UPSTREAM FROM BRIDGE: I-71 BEDROCK OUTCROPS IN STREAM:

012473 SAMPLE TYPE STREAM SEDIMENT ;SITE 0120 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.363 ;LONG 97.785 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING DOWNSTREAM:

012474 SAMPLE TYPE STREAM SEDIMENT ;SITE 0121 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.224 ;LONG 97.768 ;UNIT CODE PGLB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS URBAN ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE: I-60 PROBABLE CONTAMINATION FROM URBAN AREA FOR HALF MILE UPSTREAM:

012475 SAMPLE TYPE STREAM SEDIMENT ;SITE 0122 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.226 ;LONG 97.809 ;UNIT CODE PGCR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.90 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED NEAR CENTER OVER 20M INTERVAL STARTING 20M UPSTREAM FROM BRIDGE:

012476 SAMPLE TYPE STREAM SEDIMENT ;SITE 0123 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/08/03/78
AIR TEMP(C)+ 9.0 ;LAT 33.220 ;LONG 97.800 ;UNIT CODE PGLB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED IN CENTER OVER 20M INTERVAL STARTING 20M DOWNSTREAM FROM TRIBUTARY AND PROCEEDING
DOWNSTREAM:

012478 SAMPLE TYPE STREAM SEDIMENT ;SITE 0124 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.155 ;LONG 97.852 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM RAILROAD:

012479 SAMPLE TYPE STREAM SEDIMENT ;SITE 0125 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.193 ;LONG 97.799 ;UNIT CODE PPPW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM BRIDGE: I-60 POSSIBLE
CONTAMINATION FROM GAS PLANT AND RAILROAD TO NORTH OF SITE:

012480 SAMPLE TYPE STREAM SEDIMENT ;SITE 0126 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/08/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.194 ;LONG 97.781 ;UNIT CODE PPPW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM WEST FORK TRINITY RIVER:

012481 SAMPLE TYPE STREAM SEDIMENT ;SITE 0127 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/09/03/78
AIR TEMP(C)+ 9.5 ;LAT 33.131 ;LONG 97.763 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-BK-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 25%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012482 SAMPLE TYPE STREAM SEDIMENT ;SITE 0128 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/09/03/78
AIR TEMP(C)+ 9.5 ;LAT 33.139 ;LONG 97.751 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM SOUTH FORK RUSH CREEK:

012483 SAMPLE TYPE STREAM SEDIMENT ;SITE 0129 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/09/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.375 ;LONG 97.976 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SELMA 7.5 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM ROAD:

012484 SAMPLE TYPE WELL WATER ;SITE 0130 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.050 ;LONG 97.946 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3280 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 7.6 ;LQ-ION PAPER ;TOTAL ALKALINITY(PPM) 1160 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 1138
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 57 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 57 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GIBTOWN 7.5 QUAD, COLLECTED FROM HOSE ON SIDE OF WELL HOUSE:

012485 SAMPLE TYPE WELL WATER ;SITE 0131 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.041 ;LONG 97.899 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 640 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +12.0
VISIBILITY(M) CLEAR ;PH 7.1 ;LQ-ION PAPER ;TOTAL ALKALINITY(PPM) 540 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 542
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 58 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 58 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE

REMARKS:

I-38 GIBTOWN 7.5 QUAD, COLLECTED FROM KITCHEN SINK:

012486 SAMPLE TYPE WELL WATER ;SITE 0132 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/13/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.041 ;LONG 97.649 ;UNIT CODE LKTG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2090 ;DISSOLVED OXYGEN(PPM) 4.0 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 414
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BOONSVILLE 7.5 QUAD, COLLECTED FROM FAUCET ON FRONT OF HOUSE: 1-78 WILLIAM W. JONES% BOX 153% POOLVILLE, TX 76076:

012488 SAMPLE TYPE WELL WATER ;SITE 0133 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/13/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.034 ;LONG 97.771 ;UNIT CODE LKTG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2550 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 930 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 938
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 10
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 66 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 66 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BOONSVILLE 7.5 QUAD, HARRIS, COLLECTED FROM HOSE FROM WELL HOUSE:

012489 SAMPLE TYPE WELL WATER ;SITE 0134 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/13/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.089 ;LONG 97.786 ;UNIT CODE LKTG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1590 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +22.5
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 835 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 842
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GIBTOWN 7.5 QUAD, COLLECTED FROM KITCHEN SINK:

012490 SAMPLE TYPE WELL WATER ;SITE 0135 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/13/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.081 ;LONG 97.859 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2620 ;DISSOLVED OXYGEN(PPM) 6.5 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 390 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 390
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 29 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BOONSVILLE 7.5 QUAD, COLLECTED FROM FAUCET ON BACK OF HOUSE:

012491 SAMPLE TYPE WELL WATER ;SITE 0136 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/13/03/78
AIR TEMP(C)+ 29.0 ;LAT 33.086 ;LONG 97.890 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3000 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 285 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 290
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 33 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 33 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 GIBTOWN 7.5 QUAD, COLLECTED FROM KITCHEN SINK:

012492 SAMPLE TYPE WELL WATER ;SITE 0137 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/13/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.091 ;LONG 97.940 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1730 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 481 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 486
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 54 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 54 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GIBTOWN 7.5 QUAD, WORKMAN, COLLECTED FROM FAUCET ON FRONT OF HOUSE:

012493 SAMPLE TYPE WELL WATER ;SITE 0138 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/14/03/78
AIR TEMP(C)+ 14.0 ;LAT 33.136 ;LONG 97.941 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1390 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +16.2
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 395 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 396
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PGJL ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER

REMARKS:

1-38 WIZARD WELLS 7.5 QUAD, COLLECTED FROM PRESSURE TANK AT WELL HEAD:

012494 SAMPLE TYPE WELL WATER ;SITE 0139 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/14/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.198 ;LONG 97.957 ;UNIT CODE PGDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 6.4 ;WATER TEMP(C) +12.6
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 474 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 480
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PGJL ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS;
1-38 WIZARD WELLS 7.5 QUAD, COLLECTED FROM FAUCET ON EAST SIDE OF HOUSE, TAKEN WITHOUT PERMISSION:

012495 SAMPLE TYPE WELL WATER ;SITE 0140 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/14/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.201 ;LONG 97.890 ;UNIT CODE PGJC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1570 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 295 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON PGJL ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 126 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 126 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS;
1-38 WIZARD WELLS 7.5 QUAD, COLLECTED FROM PUMP ON WELL HEAD, WELL HAS NOT BEEN USED FOR SEVERAL YEARS, DO NOT RESAMPLE:

012496 SAMPLE TYPE WELL WATER ;SITE 0141 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/14/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.134 ;LONG 97.895 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1570 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +15.5
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 382 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 380
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PGJL ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 40
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 52 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 52 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS;
1-38 WIZARD WELLS 7.5 QUAD, COLLECTED FROM FAUCET ON NORTH SIDE OF HOUSE:

012497 SAMPLE TYPE WELL WATER ;SITE 0142 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/14/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.136 ;LONG 97.777 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1860 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 392 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 395
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, COLLECT FROM FAUCET IN PUMP HOUSE: I-78 V. C. DAVEY% RT. 1, BOX 216% PARIDISE, TEXAS 76073:

012498 SAMPLE TYPE WELL WATER ;SITE 0143 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/14/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.131 ;LONG 97.829 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF L ITLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1460 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 347 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 348
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTM ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 25
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 54 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 54 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT WEST 7.5 QUAD, JOHNSON, COLLECTED FROM FAUCET ON GARAGE AT FRONT OF HOUSE:

012499 SAMPLE TYPE WELL WATER ;SITE 0144 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/14/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.317 ;LONG 97.827 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1730 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +20.6
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 307 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 312
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 26 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 26 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE:

012500 SAMPLE TYPE WELL WATER ;SITE 0145 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.275 ;LONG 97.894 ;UNIT CODE UPBC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 730 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) +11.8
VISIBILITY(M) CLEAR ;PH 6.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 248 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 252
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPBC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 110
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 3 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER

REMARKS:

I-38 CRAFTON 7.5 QUAD, COLLECTED FROM FAUCET AT BACK OF TRAILER:

012501 SAMPLE TYPE WELL WATER ;SITE 0146 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/15/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.300 ;LONG 97.961 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 760 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +12.3
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED FROM FAUCET JUST WEST OF HOUSE, TAKEN WITHOUT PERMISSION:

012502 SAMPLE TYPE WELL WATER ;SITE 0147 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/15/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.347 ;LONG 97.944 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1200 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +25.7
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 359 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 360
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 24
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 CRAFTON 7.5 QUAD, TAKEN FROM FAUCET AT BACK OF HOUSE:

012503 SAMPLE TYPE WELL WATER ;SITE 0148 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/15/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.334 ;LONG 97.881 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 4.9 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 44 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 44
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 25
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CRAFTON 7.5 QUAD, COLLECTED FROM FAUCET ON FRONT OF HOUSE:

012504 SAMPLE TYPE WELL WATER ;SITE 0149 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/15/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.371 ;LONG 97.889 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1170 ;DISSOLVED OXYGEN(PPM) 5.6 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 171 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 172
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CRAFTON 7.5 QUAD, TAKEN FROM FAUCET NEXT TO WELL HEAD:

012505 SAMPLE TYPE WELL WATER ;SITE 0150 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/15/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.405 ;LONG 97.881 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1280 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +14.4
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 366 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 365
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 SELMA 7.5 QUAD, TAKEN FROM FAUCET ON EAST SIDE OF HOUSE:

012506 SAMPLE TYPE WELL WATER ;SITE 0151 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.473 ;LONG 97.953 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1430 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 254 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 256
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 52 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 52 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 SELMA 7.5 QUAD, COLLECTED FROM FAUCET NEAR WELL HEAD:

012507 SAMPLE TYPE WELL WATER ;SITE 0152 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/15/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.418 ;LONG 97.931 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2350 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +19.6
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 341 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 344
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 59 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 SELMA 7.5 QUAD, COLLECTED FROM FAUCET ON FRONT OF HOUSE:

012509 SAMPLE TYPE WELL WATER ;SITE 0153 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/03/78
AIR TEMP(C)+ 16.0 ;LAT 33.449 ;LONG 97.906 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 95 ;DISSOLVED OXYGEN(PPM) 4.9 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 6.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 171 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 172
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 SELMA 7.5 QUAD, BOY SCOUT CAMP, COLLECTED FROM FAUCET IN PUMP HOUSE:

012510 SAMPLE TYPE WELL WATER ;SITE 0154 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.467 ;LONG 97.820 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3510 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +18.4
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 420 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 426
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 19 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE, CONDUCTIVITY READING MAY BE WRONG: I-72 COLOR CHANGED FROM CL TO L-YL-BN AFTER A COUPLE OF HOURS:

012511 SAMPLE TYPE WELL WATER ;SITE 0155 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/16/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.452 ;LONG 97.788 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1280 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 348 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 352
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED FROM KITCHEN SINK: I-78 JIM T. THETFORD% RT. 1% SUNSET, TX 76270:

012512 SAMPLE TYPE WELL WATER ;SITE 0156 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.412 ;LONG 97.777 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1070 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +23.8
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 297 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UPGC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 SUNSET 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE, TAKEN WITHOUT PERMISSION:

012513 SAMPLE TYPE WELL WATER ;SITE 0157 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/15/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.413 ;LONG 97.843 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3100 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 415
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 24
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 SUNSET 7.5 QUAD, ELDER, COLLECTED FROM FAUCET ON FRONT OF HOUSE:

012514 SAMPLE TYPE WELL WATER ;SITE 0158 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.371 ;LONG 97.836 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1290 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +13.4
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 170 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 172
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED FROM FAUCET ON BACK OF HOUSE:

012515 SAMPLE TYPE WELL WATER ;SITE 0159 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.357 ;LONG 97.783 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2270 ;DISSOLVED OXYGEN(PPM) 7.3 ;WATER TEMP(C) +15.6
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 307 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 308
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 18
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:

I-38 CHICO 7.5 QUAD, RICHEY, COLLECTED FROM FAUCET ON FRONT OF HOUSE:

012516 SAMPLE TYPE WELL WATER ;SITE 0160 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/16/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.329 ;LONG 97.773 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2020 ;DISSOLVED OXYGEN(PPM) 6.6 ;WATER TEMP(C) +15.2
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 275 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 278
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 7
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CHICO 7.5 QUAD, COLLECTED FROM FAUCET AT BACK OF HOUSE:

012517 SAMPLE TYPE WELL WATER ;SITE 0161 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/03/78
AIR TEMP(C)+ 16.0 ;LAT 33.265 ;LONG 97.725 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3700 ;DISSOLVED OXYGEN(PPM) 6.2 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 234 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 240
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 14 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE:

012518 SAMPLE TYPE WELL WATER ;SITE 0162 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.274 ;LONG 97.667 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2290 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 271 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 272
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 48 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 48 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ALVORD 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE:

012519 SAMPLE TYPE WELL WATER ;SITE 0163 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.270 ;LONG 97.568 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2060 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 361 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 366
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 38 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 38 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM FAUCET ON SOUTH SIDE OF HOUSE:

012521 SAMPLE TYPE WELL WATER ;SITE 0164 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.276 ;LONG 97.524 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1430 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 237 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 238
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 24
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 50 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM FAUCET ON FRONT OF HOUSE:

012522 SAMPLE TYPE WELL WATER ;SITE 0165 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/03/78
AIR TEMP(C)+ 26.0 ;LAT 33.318 ;LONG 97.505 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1150 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +20.2
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 220 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 228
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 50 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE:

012523 SAMPLE TYPE WELL WATER ;SITE 0166 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.317 ;LONG 97.563 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2810 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 304
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:

I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM KITCHEN SINK:

Q12524 SAMPLE TYPE WELL WATER ;SITE 0167 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.366 ;LONG 97.561 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +13.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 395 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 396
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM FAUCET IN PUMP HOUSE:

Q12525 SAMPLE TYPE WELL WATER ;SITE 0168 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.369 ;LONG 97.506 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 620 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +12.9
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 302 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 304
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 35
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM FAUCET AT FRONT OF HOUSE:

Q12527 SAMPLE TYPE WELL WATER ;SITE 0169 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.413 ;LONG 97.507 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1610 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 287 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 288
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 NEW HARP 7.5 QUAD, COLLECTED FROM FAUCET NORTH OF WELL HOUSE:

Q12528 SAMPLE TYPE WELL WATER ;SITE 0170 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.433 ;LONG 97.559 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1390 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +26.3
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 501 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 506
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 NEW HARP 7.5 QUAD, COLLECTED FROM FAUCET IN KITCHEN:

012529 SAMPLE TYPE WELL WATER ;SITE 0171 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.464 ;LONG 97.558 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-YL-RD ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1730 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +15.5
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 387 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 388
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 NEW HARP 7.5 QUAD, COLLECTED FROM FAUCET NEAR PUMP HOUSE.

012530 SAMPLE TYPE WELL WATER ;SITE 0172 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.469 ;LONG 97.520 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1180 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +13.6
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 287 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 290
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 65 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 65 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 NEW HARP 7.5 QUAD, COLLECTED FROM FAUCET SOUTH OF HOUSE:

012531 SAMPLE TYPE WELL WATER ;SITE 0173 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/20/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.374 ;LONG 97.727 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 370 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 376
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 17
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:

1-38 ALVORD 7.5 QUAD, COLLECTED FROM FAUCET AT FRONT OF HOUSE:

012532 SAMPLE TYPE WELL WATER ;SITE 0174 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/20/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.414 ;LONG 97.719 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +16.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 335 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 336
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 31 ;CONFID OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SMYRNA 7.5 QUAD, COLLECTED FROM FAUCET AT WELL HEAD:

012533 SAMPLE TYPE WELL WATER ;SITE 0175 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/20/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.468 ;LONG 97.722 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 630 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 181 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 184
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 SMYRNA 7.5 QUAD, COLLECTED FROM FAUCET ON SOUTH SIDE OF HOUSE:

012534 SAMPLE TYPE WELL WATER ;SITE 0176 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/20/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.455 ;LONG 97.655 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 321 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 325
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 17
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 SMYRNA 7.5 QUAD, COLLECTED FROM FAUCET AT FRONT OF HOUSE:

012535 SAMPLE TYPE WELL WATER ;SITE 0177 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/20/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.404 ;LONG 97.667 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1310 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +20.0
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 367 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 374
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 56 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 56 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SMYRNA 7.5 QUAD, COLLECTED FROM FAUCET ON PUMP HOUSE:

012536 SAMPLE TYPE WELL WATER ;SITE 0178 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/20/03/78
AIR TEMP(C)+ 28.0 ;LAT 33.359 ;LONG 97.619 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1430 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +15.8
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 301 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 306
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PECAN CREEK 7.5 QUAD, COLLECTED FROM FAUCET ON NORTH SIDE OF HOUSE:

012537 SAMPLE TYPE WELL WATER ;SITE 0179 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/20/03/78
AIR TEMP(C)+ 28.0 ;LAT 33.426 ;LONG 97.600 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3870 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 394 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 NEW HARP 7.5 QUAD, COLLECTED FROM FAUCET ON PUMP HOUSE:

012538 SAMPLE TYPE WELL WATER ;SITE 0180 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/20/03/78
AIR TEMP(C)+ 31.0 ;LAT 33.472 ;LONG 97.597 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1330 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +15.4
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 370 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 372
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:

I-38 NEW HARP 7.5 QUAD, COLLECTED FROM FAUCET NEAR WELL HEAD:

012539 SAMPLE TYPE STREAM SEDIMENT ;SITE 0186 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE - ;TIME SAMPLE TAKEN 13/22/03/78
AIR TEMP(C)+ 31.5 ;LAT 33.816 ;LONG 96.842 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.10 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR M-GN-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN VARIOUS PARTS OF THE STREAM OVER 30M INTERVAL STARTING 20M UPSTREAM FROM LAKE:

012540 SAMPLE TYPE STREAM SEDIMENT ;SITE 0187 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/03/78
AIR TEMP(C)+ 34.0 ;LAT 33.854 ;LONG 96.902 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED ALONG BANKS OVER 30M INTERVAL STARTING 20M UPSTREAM FROM POND:

012541 SAMPLE TYPE STREAM SEDIMENT ;SITE 0188 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/03/78
AIR TEMP(C)+ 35.0 ;LAT 33.878 ;LONG 96.905 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M UPSTREAM FROM LAKE:

012542 SAMPLE TYPE STREAM SEDIMENT ;SITE 0189 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/31/03/78
AIR TEMP(C)+ 29.0 ;LAT 33.894 ;LONG 96.914 ;UNIT CODE UKFF ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15' QUAD, COLLECTED IN CENTER OF STREAM OVER 43M INTERVAL STARTING AT FENCE LINE THAT CROSSES STREAM
APPROXIMATELY 400M UPSTREAM FROM LAKE: I-60 SOME METAL AND GLASS UPSTREAM FROM SAMPLING SITE:

012543 SAMPLE TYPE STREAM SEDIMENT ;SITE 0190 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/31/03/78
AIR TEMP(C)+ 28.5 ;LAT 33.917 ;LONG 96.964 ;UNIT CODE UKPD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15' QUAD, SAMPLE COLLECTED IN CENTER OF STREAM ALONG 40M INTERVAL BEGINNING 10M UPSTREAM FROM TRIBUTARY
ON SOUTH BANK AND ENDING AT FIRST SET OF SMALL RAPIDS; I-71 BED WAS BEDROCK SAMPLE COLLECTED FROM SAND DEPOSITED
ON TOP:

012544 SAMPLE TYPE STREAM SEDIMENT ;SITE 0191 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/31/03/78

AIR TEMP(C)+ 27.0 ;LAT 33.779 ;LONG 96.847 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) ;WATER DEPTH(M) 0.00
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15' QUAD, SAMPLE COLLECTED IN CENTER OF STREAM BED BEGINNING 38M UPSTREAM FROM BRIDGE AND CONTINUING
FOR A 40M INTERVAL:

012545 SAMPLE TYPE WELL WATER ;SITE 0192 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/31/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.746 ;LONG 96.839 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1030 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +21.8
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 305
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWL ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. COPPER ;METERS FROM HEAD
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15' QUAD, CECIL, TAKEN FROM FAUCET IN PUMP HOUSE LOCATED AT NORTH EAST CORNER OF HOUSE:

012547 SAMPLE TYPE STREAM SEDIMENT ;SITE 0193 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/31/03/78
AIR TEMP(C)+ 28.8 ;LAT 33.752 ;LONG 96.902 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15' QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER 51M INTERVAL. INTERVAL BEGINS 50M UPSTREAM FROM
HIGHWAY BRIDGE AND 20M UPSTREAM FROM ABANDONED BRIDGE. INTERVAL ENDS AT BEND IN STREAM: 1-71 INTERVAL SAMPLED HAD
SANDY BED BUT THERE WERE AREAS WITH PEBBLES PREDOMINANT:

012548 SAMPLE TYPE STREAM SEDIMENT ;SITE 0194 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/03/04/78
AIR TEMP(C)+ 20.3 ;LAT 33.696 ;LONG 96.876 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND- ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15' TOPO., SAMPLE COLLECTED OVER A 59M INTERVAL IN CENTER OF STREAM GOING UPSTREAM BEGINNING 45M
UPSTREAM FROM JUNCTION OF MINERAL CREEK;

012549 SAMPLE TYPE STREAM SEDIMENT ;SITE 0195 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/04/78
AIR TEMP(C)+ 20.5 ;LAT 33.696 ;LONG 96.875 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:

1-38 WHITESBORO 15' TOPO., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM BEGINNING 29M

UPSTREAM OF JUNCTION WITH COPPER BRANCH:

012550 SAMPLE TYPE WELL WATER ;SITE 0196 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.698 ;LONG 96.900 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1300 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 286 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 262
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 83
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 78 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 100 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15' TOPO., NORMAN KINSLOW, SAMPLE COLLECTED AT FAUCET 83M. SW OF WELL HEAD: 3-19 PUMP SUBMERGED:
1-72 OWNER SAYS WATER CONTAINS IRON:

012551 SAMPLE TYPE WELL WATER ;SITE 0197 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/03/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.740 ;LONG 96.900 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1310 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +19.6
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 566 ;P ALKALINITY(PPM) 100 ;M ALKALINITY(PPM) 544
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 210 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 210 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15' TOPO., R.E. MARTIN, SAMPLE COLLECTED IN WELL HOUSE 8M EAST OF HOUSE: 3-34 OWNER SUGGESTS POSSIBILITY OF WELL DEPTH BEING 820 FT.: 1-78 R.E. MARTIN % RT. 3 % BOX 608 % WHITESBORO, TX 76273:

012552 SAMPLE TYPE STREAM SEDIMENT ;SITE 0198 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/04/04/78
AIR TEMP(C)+ 24.1 ;LAT 33.661 ;LONG 96.791 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 WHITESBORO 15 TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 29 M INTERVAL BEGGINNING APPROXIMATELY 75 METERS DOWNSTREAM FROM WOODEN BRIDGE AT LARGE STUMP IN STREAM BED APPROXIMATELY 1.5 M TALL: 1-60 BRIDGE FORMS DAM OF TREES BACKING WATER UP UPSTREAM, LOW WATER BRIDGE UPSTREAM WITH SOME EXOTIC ROCKS ACROSS STREAM SOME METAL AND PLASTIC TRASH:

012553 SAMPLE TYPE STREAM SEDIMENT ;SITE 0199 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/04/04/78
AIR TEMP(C)+ 25.1 ;LAT 33.672 ;LONG 96.781 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-BK ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WHITESBORO 15 TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 25 M INTERVAL BEGINING AT FENCE APPROXIMATELY 42 M UPSTREAM FROM BRIDGE;

012554 SAMPLE TYPE STREAM SEDIMENT ;SITE 0200 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/04/78
AIR TEMP(C)+ 26.9 ;LAT 33.710 ;LONG 96.752 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 31 M INTERVAL BEGINING APPROXIMATELY 25 M UPSTREAM FROM RAILROAD BRIDGE: I-60 SOME FERTILIZER ENTERING STREAM FROM FIELD ON EAST SIDE OF STREAM:

012555 SAMPLE TYPE WELL WATER ;SITE 0201 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/04/04/78
AIR TEMP(C)+ 28.2 ;LAT 33.692 ;LONG 96.839 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 630 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 175 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 190
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 83 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED AT THE PUMP HOUSE WHICH IS LOCATED 9 M BEHIND THE HOUSE OF J. W. POND: 2-68 ORANGE PRECIPITATE FORMED IN BOTTLES;

012556 SAMPLE TYPE WELL WATER ;SITE 0202 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/04/04/78
AIR TEMP(C)+ 30.8 ;LAT 33.644 ;LONG 96.777 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 337 ;P ALKALINITY(PPM) 39 ;M ALKALINITY(PPM) 332
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 135 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN FROM FAUCET IN WELLHOUSE APPROXIMATELY 26 M BEHIND THE HOUSE OF CARL VESSELS; 3-19 WELL HAS SUBMERGED PUMP;

012557 SAMPLE TYPE STREAM SEDIMENT ;SITE 0203 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/04/04/78
AIR TEMP(C)+ 31.3 ;LAT 33.672 ;LONG 96.839 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM AND ALONG WEST BANK FOR A 21 M
INTERVAL BEGINING APPROXIMATELY 27 M UPSTREAM FROM CULVERT:

012558 SAMPLE TYPE STREAM SEDIMENT ;SITE 0204 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/05/04/78
AIR TEMP(C)+ 25.5 ;LAT 33.899 ;LONG 96.979 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.40 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM LAKE:

012559 SAMPLE TYPE STREAM SEDIMENT ;SITE 0205 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/05/04/78
AIR TEMP(C)+ 23.5 ;LAT 33.864 ;LONG 96.996 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.90 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM TRAIL:

012561 SAMPLE TYPE STREAM SEDIMENT ;SITE 0206 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/05/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.756 ;LONG 96.761 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-BK-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING AT POND AND PROCEEDING UPSTREAM:

012562 SAMPLE TYPE STREAM SEDIMENT ;SITE 0207 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/05/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.781 ;LONG 96.766 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED FROM CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012563 SAMPLE TYPE STREAM SEDIMENT ;SITE 0208 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/05/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.805 ;LONG 96.756 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED ON SOUTH BANK OVER 25M STARTING 10M UPSTREAM FROM TRIBUTARY:

012564 SAMPLE TYPE STREAM SEDIMENT ;SITE 0209 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/06/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.662 ;LONG 96.828 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-BK-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M DOWNSTREAM FROM MUSTANG CREEK:

012565 SAMPLE TYPE STREAM SEDIMENT ;SITE 0210 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/06/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.657 ;LONG 96.846 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 100M DOWNSTREAM FROM BRIDGE AND PROCEEDING
DOWNSTREAM:

012566 SAMPLE TYPE STREAM SEDIMENT ;SITE 0211 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.636 ;LONG 96.984 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012567 SAMPLE TYPE STREAM SEDIMENT ;SITE 0212 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.629 ;LONG 96.974 ;UNIT CODE UKWR ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012568 SAMPLE TYPE STREAM SEDIMENT ;SITE 0213 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.621 ;LONG 96.985 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM PIPELINE:

012570 SAMPLE TYPE STREAM SEDIMENT ;SITE 0214 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.575 ;LONG 96.957 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%

REMARKS:

I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M UPSTREAM FROM TIMBER CREEK:

012571 SAMPLE TYPE STREAM SEDIMENT ;SITE 0215 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.542 ;LONG 96.931 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 40M UPSTREAM FROM BRIDGE:

012572 SAMPLE TYPE STREAM SEDIMENT ;SITE 0216 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/04/78
AIR TEMP(C)+ 30.0 ;LAT 33.513 ;LONG 96.906 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN VARIOUS PARTS OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012573 SAMPLE TYPE STREAM SEDIMENT ;SITE 0217 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/04/78
AIR TEMP(C)+ 32.0 ;LAT 33.507 ;LONG 96.885 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 15M INTERVAL STARTING 30M UPSTREAM FROM RANGE CREEK:

012574 SAMPLE TYPE STREAM SEDIMENT ;SITE 0218 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/04/78
AIR TEMP(C)+ 32.0 ;LAT 33.533 ;LONG 96.820 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012575 SAMPLE TYPE STREAM SEDIMENT ;SITE 0219 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/04/78
AIR TEMP(C)+ 32.0 ;LAT 33.542 ;LONG 96.787 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 100M DOWNSTREAM FROM BRIDGE AND PROCEEDING DOWNSTREAM:

012576 SAMPLE TYPE STREAM SEDIMENT ;SITE 0220 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/04/78
AIR TEMP(C)+ 32.0 ;LAT 33.548 ;LONG 96.790 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.05

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

012578 SAMPLE TYPE WELL WATER ;SITE 0221 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/11/04/78
AIR TEMP(C)+ 15.0 ;LAT 33.829 ;LONG 96.794 ;UNIT CODE LKPD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3790 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 452 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 460
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. COPPER ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE 15 QUAD, COURTNEY, COLLECTED FROM FAUCET BETWEEN PRESSURE TANK AND WATER SOFTENER IN PUMP HOUSE:
3-19 SUBMERGED:

012579 SAMPLE TYPE WELL WATER ;SITE 0222 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/11/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.788 ;LONG 96.782 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 470 ;DISSOLVED OXYGEN(PPM) 2.6 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 200 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 200
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 81 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 81 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE 15 QUAD, CHAMBER, COLLECTED FROM FAUCET IN WELLHOUSE: 1-78 W V CHAMBER & BOX 97 RT 1 & POTTSBORO,
TX 75076:

012580 SAMPLE TYPE WELL WATER ;SITE 0223 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/11/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.730 ;LONG 96.790 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1010 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +17.0
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 442 ;P ALKALINITY(PPM) 26 ;M ALKALINITY(PPM) 426
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 23
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 45 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 45 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:

1-38 WHITESBORO 15 QUAD, COLLECTED FROM FAUCET 5M SOUTHWEST OF BACK DOOR, WHEELER RESIDENCE: 3-19 SUBMERGED: 3-21

GALVANIZED PIPE, STEEL JOINT, BRASS FAUCET:

012581 SAMPLE TYPE WELL WATER ;SITE 0224 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.728 ;LONG 96.956 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 130 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 5.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 20 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 18
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWR ;CONFIDENCE PROBABLE ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15 QUAD, STUBBLEFIELD, COLLECTED FROM FAUCET AT BACK OF HOUSE: 2-74 WELL HAS SANDSTONE AS BOTTOM
AND IS FED BY THREE STREAMS: 1-78 RURAL STUBBLEFIELD % BOX 191 RT 3 % WHITESBORO, TX 76273:

012582 SAMPLE TYPE WELL WATER ;SITE 0225 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.730 ;LONG 96.957 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 380 ;DISSOLVED OXYGEN(PPM) 4.9 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 160 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 168
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15 QUAD, STUBBLEFIELD, COLLECTED FROM FAWCET AT BACK OF HOUSE: 1-78 RURAL STUBBLEFIELD% BOX 191 RT
3% WHITESBORO, TX 76273:

012583 SAMPLE TYPE WELL WATER ;SITE 0226 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/11/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.648 ;LONG 96.955 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 138 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 140
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15 QUAD, BUCANNON, COLLECTED FROM FAUCET NEAR BACKDOOR: 3-19 SUBMERGED: 3-21 GALVANIZED PIPE WITH
BRASS FAUCET:

012584 SAMPLE TYPE WELL WATER ;SITE 0227 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/12/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.685 ;LONG 96.780 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE RELIEF GENTLE

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1380 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 470 ;P ALKALINITY(PPM) 66 ;M ALKALINITY(PPM) 472
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-39 WHITESBORO 15 QUAD, COLLECTED FROM FAUCET AT WELL HEAD, BYLER RESIDENCE:

012585 SAMPLE TYPE WELL WATER ;SITE 0228 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/12/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.693 ;LONG 96.938 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 340 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +15.5
VISIBILITY(M) CLEAR ;PH 5.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 22 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 22
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWR ;CONFIDENCE PROBABLE ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 11
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15 QUAD, FOX, COLLECTED FROM FAUCET ON BACK OF TRAILER: I-78 JOHN FOX % BOX 195A RT 3 % WHITESBORO, TX 76273:

012586 SAMPLE TYPE WELL WATER ;SITE 0229 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/12/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.638 ;LONG 96.827 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1430 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 236 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 240
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 17
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 59 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED FROM FAUCET AT FRONT DOOR:

012587 SAMPLE TYPE WELL WATER ;SITE 0230 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/12/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.589 ;LONG 96.785 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2190 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 213 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 220
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 96 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 96 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED FROM FAUCET ON WELL HEAD:

012588 SAMPLE TYPE WELL WATER ;SITE 0231 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/12/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.598 ;LONG 96.843 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 480 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +15.1
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 198 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 205
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED FROM WELL NEXT TO ROAD: 3-20 BRICK: 3-21 NO PIPE:

012589 SAMPLE TYPE WELL WATER ;SITE 0232 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/12/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.602 ;LONG 96.958 ;UNIT CODE UKWR ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-OR-RD ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +15.3
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 40 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 40
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 3 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 WHITESBORO 15 QUAD, COLLECTED FROM WE[illegible] IN FRONT OF ABANDONED HOUSE: 1-60 LEAVES AND TWIGS ON WATER: 3-20 ROCK
WALLS: 3-21 NO PIPES:

012590 SAMPLE TYPE WELL WATER ;SITE 0233 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.463 ;LONG 96.164 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 665 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 226 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 226
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 15M NORTH OF M. E. MCDONALD HOUSE: 3-19 WATER
DRAWN BY BUCKET AND ROPE: 3-20 STONE AND CONCRETE: 3-21 NONE: 3-39 #3-33 LOWERED WEIGHTED BUCKET TO BOTTOM TO DETERMINE
DEPTH:

012591 SAMPLE TYPE STREAM SEDIMENT ;SITE 0234 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/04/78

AIR TEMP(C)+ 21.5 ;LAT 33.490 ;LONG 96.190 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 0.20 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM OVER A 48M INTERVAL GOING UPSTREAM BEGINNING APPROX. WHERE FARMER'S ROAD WOULD INTERSECT THE STREAM IF IT WERE CONTINUED EASTWARD TO THE STREAM: I-60 CROP FIELDS FERTILIZED WITH LIQUID AMMONIA. SUSPECT STREAM BED HAS BEEN CHANELED:

012592 SAMPLE TYPE STREAM SEDIMENT ;SITE 0235 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 03/17/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.480 ;LONG 96.213 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 1.40 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 25M INTERVAL GOING UPSTREAM STARTING 40M UPSTREAM OF BRIDGE. SITE INTERVAL BEGINS 8M UPSTREAM OF JUNCTION WITH TRIBUTARY ON SOUTH SIDE OF STREAM: I-60 STREAM BED HAS BEEN CHANELED SOME TIME AGO BY CORPS OF ENGINEERS:

012593 SAMPLE TYPE WELL WATER ;SITE 0236 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 05/17/04/78
AIR TEMP(C)+ 24.2 ;LAT 33.454 ;LONG 96.214 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 715 ;DISSOLVED OXYGEN(PPM) 9.2 ;WATER TEMP(C) +15.6
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 226 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 230
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL HOUSE 22M EAST OF HOUSE: I-60 #3-20 #3-21 STONE AND CONCRETE CASING: 3-33 #3-39 USED BUCKET AND BRICK AS WEIGHT TO DETERMINE WELL DEPTH: 3-19 WATER DRAWN BY BUCKET AND ROPE:

012595 SAMPLE TYPE STREAM SEDIMENT ;SITE 0237 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/04/78
AIR TEMP(C)+ 16.9 ;LAT 33.255 ;LONG 96.172 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-BK-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 31M INTERVAL STARTING 57M UPSTREAM OF BRIDGE AT END OF LARGE POOL. SITE INTERVAL BEGINS 28M DOWNSTREAM OF TALL STRAIGHT TREE IN CENTER OF STREAM: I-60 STAGNANT WATER WITH MUCH ALGAE, ALSO PROBABLE SLUMPING AND ADDITION OF CLAY BANKS WITH BED MATERIAL:

012596 SAMPLE TYPE WELL WATER ;SITE 0238 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78

AIR TEMP(C)+ 23.8 ;LAT 33.365 ;LONG 96.158 ;UNIT CODE UKOZ ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 8.3 ;WATER TEMP(C) +15.5
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 52 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 50
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 24M WEST OF WHITE HOUSE, HARRIS-OWNER: 3-19
WATER DRAWN WITH BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE USED FOR SAMPLE, BUT OWNER HAS BLACK PLASTIC PIPE GOING
DOWN INTO WATER: 3-33 #3-39 USED WEIGHTED BUCKET AND ROPE FOR DEPTH INFO:

012597 SAMPLE TYPE STREAM SEDIMENT ;SITE 0239 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/04/78
AIR TEMP(C)+ 22.9 ;LAT 33.325 ;LONG 96.136 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 29M INTERVAL GOING UPSTREAM
BEGINNING 38M UPSTREAM FROM JUNCTION WITH RAINBOW CREEK:

012598 SAMPLE TYPE STREAM SEDIMENT ;SITE 0240 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/04/78
AIR TEMP(C)+ 22.9 ;LAT 33.325 ;LONG 96.136 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.01
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING UPSTREAM
STARTING 24M UPSTREAM OF JUNCTION WITH SOUTH SULPHUR RIVER: 1-60 LARGE METAL POT IN STREAM:

012599 SAMPLE TYPE WELL WATER ;SITE 0241 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.417 ;LONG 96.164 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 705 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +15.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 171 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 170
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 8M SOUTH OF WHITE HOUSE: 1-60 BLACK PLASTIC
PIPE IN WELL EXTENDS UNDER WATER: 3-19 WATER DRAWN BY HAND AND PLASTIC BUCKET: 3-20 BRICK AND MORTOR: 3-21 NONE:
3-33 #3-39 DEPTH INF. DETERMINED WITH WEIGHTED BUCKET AND ROPE:

012600 SAMPLE TYPE WELL WATER ;SITE 0265 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/23/02/78
AIR TEMP(C)+ 4.8 ;LAT 33.233 ;LONG 97.560 ;UNIT CODE LKGW ;VEGETATION GRASS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1365 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 775 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 782
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 44 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 44 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DECATUR 7.5' QUAD OF SHERMAN. SAMPLE COLLECTED FROM LINE FROM WELL HEAD TO HOLDING TANK VIA HOSE TO STOCK TANK:
3-19 SUBMERSABLE PUMP: 2-69 DISCHARGE DROPS OFF WITH PUMPING AFTER 5MIN: I-38 CONT. WELL IS 21M NORTH OF NORTHWEST
CORNER OF HOUSE. OWNER QUILLA WALLACE 6273255:

012602 SAMPLE TYPE WELL WATER ;SITE 0266 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/02/78
AIR TEMP(C)+ 9.3 ;LAT 33.240 ;LONG 97.502 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1175 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 804 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 800
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DECATUR 7.5' QUAD OF SHERMAN SAMPLE COLLECTED IN WELL HOUSE 21 M EAST OF MR WALKERS' HOUSE-OWNER W.I. WALKER:
3-19 SUBMERSABLE PUMP AT 90 FEET: I-38 CONT DAIRY WELL:

012603 SAMPLE TYPE WELL WATER ;SITE 0267 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/02/78
AIR TEMP(C)+ 14.0 ;LAT 33.230 ;LONG 97.628 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1070 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +21.2
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 870 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 1000
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 97 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 97 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT EAST 7.5' QUAD OF SHERMAN SAMPLE TAKEN FROM PRESSURE TANK HYDRANT: 3-21 SAMPLE HAD TO BE TAKEN BY
HOOKING UP A 50FT PLASTIC GARDEN HOSE: I-38- OWNER:

012604 SAMPLE TYPE STREAM SEDIMENT ;SITE 0268 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/02/78
AIR TEMP(C)+ 15.7 ;LAT 33.217 ;LONG 97.673 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR D-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT EAST 7.5' QUAD OF SHERMAN. SAMPLE COLLECTED OVER A 12M INTERVAL, GOING DOWNSTREAM FROM MID CHANNEL STARTING 225M DOWNSTREAM FROM PIPELINE RIGHT OF WAY CROSSING CONFLUENCE OF ROSEBUD AND WAGGONER BRANCHES. WAGGONER BRANCH: I-60 VARIOUS BITS OF TRASH-OIL PIPE LINE RIGHT-OF-WAY (DIGGING ACTIVITY UPSTREAM:

012605 SAMPLE TYPE WELL WATER ;SITE 0269 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 16.0 ;LAT 33.232 ;LONG 97.669 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1190 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 462 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 466
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 35 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 BRIDGEPORT EAST 7.5' QUAD OF SHERMAN. SAMPLE COLLECTED FROM WELL HEAD 27 M NORTH OF NE CORNER BLUE PLANT? SHOP BUILDING. OWNER MRS RANN: 3-39 INFORMATION ON DEPTH SUPPLIED BY MR ANDERSON-ANDERSON DRILLING-BRIDGEPORT, TX - NOT SURE:

012606 SAMPLE TYPE STREAM SEDIMENT ;SITE 0270 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/02/78
AIR TEMP(C)+ 14.9 ;LAT 33.223 ;LONG 97.741 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /DENSE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.20 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL PEBBLE ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRIDGEPORT EAST 7.5' QUAD OF SHERMAN. SAMPLE TAKEN OVER A 12M INTERVAL FROM MID CHANNEL, GOING UPSTREAM STARTING 54M UPSTREAM (NORTH) OF HIGHWAY 380 BRIDGE OVER CREEK. DRY CREEK (HAH):

012607 SAMPLE TYPE STREAM SEDIMENT ;SITE 0242 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/04/78
AIR TEMP(C)+ 21.9 ;LAT 33.460 ;LONG 96.249 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD.. SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 35M INTERVAL BEGINNING 42M UPSTREAM OF CONCRETE BRIDGE. SITE INTERVAL BEGINS 3M UPSTREAM OF JUNCTION WITH SMALL TRIBUTARY ON NORTH BANK AND ENDS AT JUNCTION WITH SMALL TRIB. ON SOUTH BANK: I-60 CROP FIELDS NEARBY:

012608 SAMPLE TYPE WELL WATER ;SITE 0243 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 17.1 ;LAT 33.366 ;LONG 96.213 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +16.0
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 108 ;P ALKALINITY(PPM) 4 ;M ALKALINITY(PPM) 107

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKDZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 5M FROM SOUTHEAST CORNER OF HOUSE, MCBROOM-OWNER:
3-19 WATER DRAWN BY ROPE AND BUCKET: 3-20 CONCRETE: 3-21 GALVANIZED PIPE FOR ABOVE GROUND PUMP EXTENDS INTO WELL:

012609 SAMPLE TYPE WELL WATER ;SITE 0244 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/19/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.417 ;LONG 96.227 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1055 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 191 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 196
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED 16M EAST OF GUY ROBINSON HOUSE, AT WELL: 3-19 WATER DRAWN WITH ROPE AND BUCKET: 3-20 CONCRETE: 3-21 NONE:

012610 SAMPLE TYPE STREAM SEDIMENT ;SITE 0245 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/04/78
AIR TEMP(C)+ 18.5 ;LAT 33.388 ;LONG 96.112 ;UNIT CODE UKDZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM BEGINNING 123M DOWNSTREAM OF BRIDGE AND ENDING ADJACENT TO LARGE LEANING PECAN TREE ON EAST SIDE OF STREAM: 1-60 MUCH GARBAGE (CAR PARTS, ETC.), IN ADDITION, MANY LEAVES, AND STAGNANT WATER IS PRESENT:

012611 SAMPLE TYPE WELL WATER ;SITE 0246 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/04/78
AIR TEMP(C)+ 18.8 ;LAT 33.461 ;LONG 96.122 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-BN-RD ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1070 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 361 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 362
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD, SAMPLE COLLECTED AT WELL 3M SOUTH OF RILEY GRAVES HOUSE: 3-19 WATER DRAWN BY BUCKET: 3-20 STONE AND CEMENT: 3-21 GALVANIZED PIPE EXTENDS INTO WELL: 3-33 #3-39 USED WEIGHTED BUCKET FOR DEPTH INFORMATION:

012612 SAMPLE TYPE STREAM SEDIMENT ;SITE 0247 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/04/78
AIR TEMP(C)+ 18.9 ;LAT 33.459 ;LONG 96.060 ;UNIT CODE UKAG ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF MODERATE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 54M INTERVAL IN CENTER OF STREAM GOING UPSTREAM STARTING 156M DOWNSTREAM FROM JUNCTION WITH TRIBUTARY ON EAST BANK:

012613 SAMPLE TYPE WELL WATER ;SITE 0248 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/21/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.266 ;LONG 96.121 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2370 ;DISSOLVED OXYGEN(PPM) 6.6 ;WATER TEMP(C) +15.0
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 268 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 264
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKPG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 WOLF CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 58M NORTHWEST OF RAY DAVIS HOUSE; 3-19 WATER DRAWN WITH BUCKET AND ROPE; 3-20 BRICK, CEMENT; 3-21 NONE EXCEPT FOR GALVANIZED PIPE THAT EXTENDS INTO WELL; 3-33 #3-39 DEPTH INFO. DETERMINED WITH WEIGHTED BUCKET:

012614 SAMPLE TYPE STREAM SEDIMENT ;SITE 0249 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/21/04/78
AIR TEMP(C)+ 19.2 ;LAT 33.327 ;LONG 96.117 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOLF CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER AN 85M INTERVAL GOING UPSTREAM STARTING 37M UPSTREAM FROM BRIDGE. SITE INTERVAL BEGINS 6M UPSTREAM FROM WHERE POLE LINES CROSS STREAM:

012615 SAMPLE TYPE STREAM SEDIMENT ;SITE 0250 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/21/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.331 ;LONG 96.087 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOLF CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 59M INTERVAL IN CENTER OF STREAM GOING UPSTREAM BEGINNING AT POINT DUE WEST OF HOUSE. SITE INTERVAL BEGINS WHERE WIRE FENCE INTERSECTS STREAM ON WEST BANK: 1-60 BOTTLES, CANS, POSSIBLY REDUCED SEDIMENT:

012616 SAMPLE TYPE STREAM SEDIMENT ;SITE 0251 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/21/04/78
AIR TEMP(C)+ 22.1 ;LAT 33.325 ;LONG 96.074 ;UNIT CODE UKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR D-BK-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 29M INTERVAL IN CENTER OF STREAM GOING UPSTREAM BEGINNING 70M UPSTREAM OF BRIDGE. SITE INTERVAL BEGINS WHERE LARGE PECAN TREE IS ON WEST BANK: I-60 BOTTLES, CANS, SEWAGE PONDS UPSTREAM:

012617 SAMPLE TYPE STREAM SEDIMENT ;SITE 0252 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/21/04/78
AIR TEMP(C)+ 22.6 ;LAT 33.314 ;LONG 96.064 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 57M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM OF CONCRETE BRIDGE: I-60 STAGNANT WATER, BRICKS, CONCRETE, SLUMPING, CANS, TIRES, BOTTLES, WIRE, PROBABLY REDUCED SEDIMENT IN GENERAL:

012618 SAMPLE TYPE WELL WATER ;SITE 0273 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/24/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.264 ;LONG 96.014 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 555 ;DISSOLVED OXYGEN(PPM) 1.1 ;WATER TEMP(C) +17.3
VISIBILITY(M) 0.29 ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 217 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 216
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 6.5M NORTHWEST OF HOUSE: I-60 RUSTY TIN FROM CASING; BRICK USED TO SINK BUCKET TO OBTAIN WATER: 3-19 WATER DRAWN WITH BUCKET AND ROPE: 3-20 CONCRETE, INNER CASING OF RUSTY TIN: 3-21 NONE: 3-33 #3-39 USED WEIGHTED BUCKET AND ROPE TO DETERMINE DEPTH: I-78 C.E. MAHONEY % RT. 2 % COMMERCE, TX 75428:

012619 SAMPLE TYPE STREAM SEDIMENT ;SITE 0274 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/04/78
AIR TEMP(C)+ 22.7 ;LAT 33.277 ;LONG 96.034 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR D- -GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO, OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 67M INTERVAL GOING UPSTREAM BEGINNING WHERE BARBED WIRE FENCE CROSSES STREAM: I-60 ALGAE, REDUCING CONDITIONS: I-77 SWAMPY ODOR TO SEDIMENT:

012622 SAMPLE TYPE STREAM SEDIMENT ;SITE 0277 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.442 ;LONG 96.060 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 02%

REMARKS:

1-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 96 M INTERVAL GOING UPSTREAM BEGINNING 80 M UPSTREAM FROM LARGE CONCRETE BRIDGE. SITE INTERVAL BEGINS 29M DOWNSTREAM FROM JUNCTION WITH 1ST TRIBUTARY (SMALL) ON SOUTH BANK: 1-60 CROP FIELDS UPSTREAM:

012623 SAMPLE TYPE WELL WATER ;SITE 0278 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/25/04/78
AIR TEMP(C)+ 17.1 ;LAT 33.468 ;LONG 96.012 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 735 ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) +14.5
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 163 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 161
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 46M NORTHWEST OF BARN: 1-60 RAINWATER, COKE CANS: 3-19 WATER DRAWN BY PLASTIC BUCKET AND ROPE: 3-20 STONE AND CEMENT: 3-21 NONE: 3-33 #3-39 DEPTH INFO. DETERMINED WITH WEIGHTED BUCKET: 1-60 POSSIBLY A CISTERN:

012624 SAMPLE TYPE STREAM SEDIMENT ;SITE 0279 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/25/04/78
AIR TEMP(C)+ 17.7 ;LAT 33.465 ;LONG 96.032 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 11.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL %
REMARKS:
1-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 46M INTERVAL GOING UPSTREAM STARTING 54M UPSTREAM FROM BRIDGE:

012625 SAMPLE TYPE WELL WATER ;SITE 0280 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/25/04/78
AIR TEMP(C)+ 19.6 ;LAT 33.468 ;LONG 96.071 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 870 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) +14.3
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 116 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 115
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 4.5M NORTH OF ABANDONED HOUSE: 3-19 WATER DRAWN BY BUCKET AND ROPE: 3-20 BRICK, CEMENT: 3-21 NONE: 3-33 #3-39 USED WEIGHTED BUCKET TO DETERMINE DEPTH INFO: 1-60 POSSIBLY A CISTERN:

012626 SAMPLE TYPE WELL WATER ;SITE 0281 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/25/04/78
AIR TEMP(C)+ 16.0 ;LAT 33.337 ;LONG 96.098 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 565 ;DISSOLVED OXYGEN(PPM) 1.0 ;WATER TEMP(C) +14.1
VISIBILITY(M) 2.00 ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 43 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 42
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 2M WEST OF ELECTRIC FENCE AND 21M SOUTH OF ROAD ALONG ELECTRIC FENCE THAT IS PERPENDICULAR TO ROAD: 3-19 WATER DRAWN WITH ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE: 3-33 #3-39 DEPTH INFO. DETERMINED WITH WEIGHTED BUCKET:

012627 SAMPLE TYPE STREAM SEDIMENT ;SITE 0282 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/25/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.260 ;LONG 96.060 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 41M INTERVAL GOING UPSTREAM STARTING 47M DOWNSTREAM FROM JUNCTION OF TRIBUTARYS: 1-60 ASSORTED TRASH (CANS, BOTTLES, ETC.):

012628 SAMPLE TYPE WELL WATER ;SITE 0283 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 17.0 ;LAT 33.312 ;LONG 96.164 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 1.1 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 180 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 176
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 8M NORTHWEST OF HOUSE: 3-19 WATER DRAWN WITH ROPE AND BUCKET: 3-20 STONE, CEMENT: 3-21 NONE: 3-33 #3-39 USED WEIGHTED BUCKET TO ASCERTAIN DEPTH INFORMATION:

012631 SAMPLE TYPE WELL WATER ;SITE 0284 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/27/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.290 ;LONG 96.229 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2450 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +13.0
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 176 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 178
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL AT NORTHEAST CORNER OF HOUSE: 1-60 RAINWATER,

ALGAE. POSSIBLY A CISTERN: 3-19 WATER DRAWN WITH ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE: 3-33 #3-39 DEPTH

INFORMATION DETERMINED WITH WEIGHTED BUCKET:

012632 SAMPLE TYPE WELL WATER ;SITE 0285 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/27/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.316 ;LONG 96.220 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 500 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +14.0
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 217 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 216
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD. SAMPLE COLLECTED AT WELL LOCATED 85M SOUTH OF HOUSE: I-60 RUSTY TIN SIDING
IN WATER: 3-19 WATER DRAWN WITH BUCKET AND ROPE: 3-20 STONE, BRICK, AND CEMENT: 3-21 OLD GALVANIZED PIPE EXTENDS
DOWN INTO WELL: 3-33 #3-39 WEIGHTED BUCKET USED TO DETERMINE DEPTH: I-78 A. L. COWEN % P. O. BOX 98 % CELESTE, TX
75423;

012633 SAMPLE TYPE WELL WATER ;SITE 0286 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/27/04/78
AIR TEMP(C)+ 25.3 ;LAT 33.435 ;LONG 96.056 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1550 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +25.1
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 425 ;P ALKALINITY(PPM) 10 ;M ALKALINITY(PPM) 423
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 GOBER 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET ON WEST SIDE OF HOUSE: 3-20 A CEMENT CASED WELL
3-21 PLASTIC EXTEND INTO WELL. THE REST IS GALVANIZED: 3-33 #3-39 WEIGHTED BUCKET USED TO DETERMINE DEPTH:

012634 SAMPLE TYPE WELL WATER ;SITE 0287 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/27/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.373 ;LONG 96.067 ;UNIT CODE UKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1125 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5. ;M ALKALINITY(PPM) 314
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD. SAMPLE COLLECTED AT WELL ON NORTHWEST CORNER OF HOUSE: 3-19 WATER DRAWN
WITH ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE: 3-33 #3-39 WEIGHTED BUCKET USED TO DETERMINE DEPTH:

012636 SAMPLE TYPE WELL WATER ;SITE 0289 ;MAP N1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/28/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.288 ;LONG 96.171 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CLOUDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1375 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 96 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 100
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 CELESTE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 3M EAST OF BARN: 1-60 RAINWATER, ALGAE: 3-19
WATER DRAWN WITH BUCKET: 3-20 BRICK, CEMENT: 3-21 NONE: 3-33 #3-39 WEIGHTED BUCKET USED TO DETERMINE DEPTH:

012637 SAMPLE TYPE WELL WATER ;SITE 0290 ;MAP N1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/28/04/78
AIR TEMP(C)+ 24.8 ;LAT 33.325 ;LONG 96.062 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 490 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +13.2
VISIBILITY(M) 0.50 ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 50 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 47
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 76M EAST OF BARN, 5M NORTH OF FENCE: 1-60
ALGAE, RAINWATER: 3-19 WATER DRAWN WITH ROPE AND BUCKET: 3-20 BRICK, CEMENT: 3-21 NONE: 3-33 #3-39 WEIGHTED BUCKET
USED TO DETERMINE DEPTH:

012638 SAMPLE TYPE STREAM SEDIMENT ;SITE 0291 ;MAP N1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 27.5 ;LAT 33.675 ;LONG 97.324 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 MUENSTER EAST 7 1/2' TOPO. OF SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 24M INTERVAL GOING UPSTREAM
STARTING 67M UPSTREAM FROM WHERE PIPELINE CROSSES STREAM DUE SOUTH OF LAST OIL TANK. SITE INTERVAL BEGINS 34M DOWNSTREAM
FROM CATTLE CROSSING PATH: 1-60 MUCH PLANT GROWTH IN STREAM; OIL FIELDS, AND EARTH DAMMED RESERVOIRS UPSTREAM:

012639 SAMPLE TYPE STREAM SEDIMENT ;SITE 0292 ;MAP N1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 25.0 ;LAT 33.652 ;LONG 97.284 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 MUENSTER EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 130M INTERVAL GOING UPSTREAM

STARTING 240M DOWN STREAM OF ROAD. SAMPLING INTERVAL BEGINS AT HEAD OF LONG POOL FILLED WITH CATTAILS: I-60 STAGNANT WATER MOSTLY, MUCH ALGAE ETC. RESERVOIR UPSTREAM WITH EARTH DAM, MINOR METAL TRASH: I-77 SLIGHT SWAMPY ODOR:

012640 SAMPLE TYPE STREAM SEDIMENT ;SITE 0293 ;MAP NI1409 ;SAMPLER CJS ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 09/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.603 ;LONG 97.288 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.16 ;WATER WIDTH(M) 22.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 HOOD 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 96M INTERVAL GOING UPSTREAM STARTING 40M UPSTREAM OF TRESSLE AND ENDING 3M DOWNSTREAM FROM JUNCTION OF TWO TRIBUTARYS: I-60 ASSORTED TRASH, GRAVEL PIT, SLUDGEPIT, OIL FIELDS, COMMUNITIES, AND EARTH FLOOD CONTROL DAMS UPSTREAM:

012641 SAMPLE TYPE WELL WATER ;SITE 0294 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/05/78
AIR TEMP(C)+ 12.5 ;LAT 33.598 ;LONG 97.275 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1065 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 440 ;P ALKALINITY(PPM) 154 ;M ALKALINITY(PPM) 448
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-3 HOOD 7 1/2' TOPO. OF SHERMAN QUAD, SAMPLE COLLECTED AT FAUCET 23M WEST OF HOUSE:

012642 SAMPLE TYPE STREAM SEDIMENT ;SITE 0295 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.594 ;LONG 97.353 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 80M INTERVAL GOING UPSTREAM STARTING 26M UPSTREAM FROM ROAD: I-60 OIL FIELDS, EARTH DAM UPSTREAM:

012643 SAMPLE TYPE WELL WATER ;SITE 0296 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 10.0 ;LAT 33.608 ;LONG 97.357 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 945 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 178 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 175
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 42
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 121 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

[redacted] NIO [redacted]

1-38 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET ON SOUTH SIDE OF HOUSE 42M SOUTH OF WELL HEAD.

MORRIS F. MILNER-OWNER: 3-21 STEEL, GALVANIZED, BRASS:

012644 SAMPLE TYPE WELL WATER ;SITE 0297 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/05/78
AIR TEMP(C)+ 13.0 ;LAT 33.547 ;LONG 97.342 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 945 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 218 ;P ALKALINITY(PPM) 97 ;M ALKALINITY(PPM) 220
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 29
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 178 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 178 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET IN BARN 29M SOUTHWEST OF WELL HOUSE. MR. LEWTER-OWNER:
3-2' STEEL, GALVANIZED, BRASS:

012645 SAMPLE TYPE STREAM SEDIMENT ;SITE 0298 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/05/78
AIR TEMP(C)+ 12.9 ;LAT 33.527 ;LONG 97.250 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR L-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 GAINESVILLE SOUTH 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 66M INTERVAL GOING UPSTREAM STARTING 24M UPSTREAM FROM BRIDGE. I-60 OIL WELLS UPSTREAM:

012646 SAMPLE TYPE WELL WATER ;SITE 0299 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/02/05/78
AIR TEMP(C)+ 12.8 ;LAT 33.502 ;LONG 97.329 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1430 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 312
APPEARANCE CLEAR ;DISCHARGE(L/M) 132.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 245 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 245 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET AT WELL HEAD 13M WEST OF HOUSE. 3-20 STEEL, CEMENT:
1-78 JOHN ALEXANDER % STAR ROUTE% ERA, TX. 76238:

012647 SAMPLE TYPE WELL WATER ;SITE 0300 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/03/05/78
AIR TEMP(C)+ 10.8 ;LAT 33.556 ;LONG 97.298 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 428 ;P ALKALINITY(PPM) 90 ;M ALKALINITY(PPM) 420

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON TKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 19
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 123 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 123 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-36 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET IN WELL HOUSE 14M EAST OF HOUSE. M. K. ALEXANDER-OWNER:

012648 SAMPLE TYPE STREAM SEDIMENT ;SITE 0301 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/04/05/78
AIR TEMP(C)+ 14.3 ;LAT 33.362 ;LONG 96.119 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.11 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 WOLFE CITY 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 56M INTERVAL GOING UPSTREAM
BEGINNING 43M UPSTREAM OF CONCRETE BRIDGE: 1-60 CROP FIELDS UPSTREAM:

012649 SAMPLE TYPE STREAM SEDIMENT ;SITE 0302 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/04/05/78
AIR TEMP(C)+ 14.5 ;LAT 33.471 ;LONG 96.221 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 131M INTERVAL GOING UPSTREAM
BEGINNING AT SHARP BEND IN STREAM 80M UPSTREAM FROM JUNCTION WITH BOIS DARC CREEK AND ENDING 6.5M DOWNSTREAM FROM
STEEL CONDUIT ON WEST BANK: 1-60 FERTILIZED CROP FIELDS NEARBY, SMALL AMT. OF METAL IN STREAM:

012650 SAMPLE TYPE STREAM SEDIMENT ;SITE 0303 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/04/05/78
AIR TEMP(C)+ 15.1 ;LAT 33.478 ;LONG 96.205 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 LEONARD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 48M INTERVAL IN CENTER OF STREAM GOING UPSTREAM
BEGINNING 35M DOWNSTREAM FROM POINT THAT WOULD BE MADE IF ROAD WERE EXTENDED WESTWARD AND INTERSECTED STREAM AND
ENDS AT BEGINNING OF DEEP POOL: 1-60 CROP FIELDS BOARDER STREAM: 1-71 SHALE BEDROCK IS DOMINANT:

012652 SAMPLE TYPE STREAM SEDIMENT ;SITE 0304 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/05/78
AIR TEMP(C)+ 25.9 ;LAT 33.504 ;LONG 97.379 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 74M INTERVAL GOING UPSTREAM
STARTING 32M UPSTREAM FROM BRIDGE; 1-60 OIL WELLS UPSTREAM: 1-77 SOME SEDIMENT HAS SWAMPY ODOR:

012653 SAMPLE TYPE WELL WATER ;SITE 0305 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/05/78
AIR TEMP(C)+ 26.5 ;LAT 33.505 ;LONG 97.385 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 520 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 274 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 271
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 32M WEST OF TRAILER: 1-60 POSSIBLE OIL SEEPAGE INTO WELL: 1-77 SLIGHT OIL TASTE ACCORDING TO CHILDREN, ALSO SLIGHT SWAMPY ODOR: 1-78 M. J. INGLISH % STAR ROUTE % AUSTIN, TX 76263:

012654 SAMPLE TYPE STREAM SEDIMENT ;SITE 0306 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/15/05/78
AIR TEMP(C)+ 27.9 ;LAT 33.506 ;LONG 97.386 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 6.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER AN 83M INTERVAL STARTING 40M UPSTREAM OF BRIDGE AND ENDING WHERE LARGE TREE OVERHANGS STREAM ON WEST BANK: 1-60 OIL FIELD UPSTREAM: 1-78 M. J. INGLISH STAR ROUTE % AUSTIN, TX 76263:

012655 SAMPLE TYPE STREAM SEDIMENT ;SITE 0307 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/15/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.504 ;LONG 97.406 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 29M INTERVAL GOING UPSTREAM STARTING 48M UPSTREAM OF BRIDGE. SAMPLING INTERVAL BEGINS ADJACENT TO SMALL DRY GULLY ENTERING STREAM ON EAST BANK: 1-77 SWAMPY SMELL, PEBBLES ARE RUST COLORED,POSSIBLY REDUCING CONDITIONS:

012656 SAMPLE TYPE WELL WATER ;SITE 0308 ;MAP N11409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/05/78
AIR TEMP(C)+ 32.2 ;LAT 33.508 ;LONG 97.451 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 332 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 334
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 35 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET 46M SOUTHWEST OF HOUSE. MR. FORD-OWNER: 3-20 PLASTIC CORE SURROUNDED BY STEEL: 3-21 PLASTIC, GALVANIZED:

[redacted] BIL [redacted]

012658 SAMPLE TYPE STREAM SEDIMENT ;SITE 0309 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/15/05/78
AIR TEMP(C)+ 32.9 ;LAT 33.563 ;LONG 97.478 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.14 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 54M INTERVAL STARTING AT POINT IN STREAM CLOSEST TO ROAD. SAMPLING INTERVAL BEGINS 4M DOWNSTREAM FROM MEDIUM SIZED SPREADING TREE THAT OVERHANGS STREAM ON WEST BANK:

012659 SAMPLE TYPE WELL WATER ;SITE 0310 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/15/05/78
AIR TEMP(C)+ 32.9 ;LAT 33.587 ;LONG 97.449 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 6.4 ;WATER TEMP(C) +23.6
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 338 ;P ALKALINITY(PPM) 15 ;M ALKALINITY(PPM) 340
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 7
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 152 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 152 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET IN SHED 5M SOUTH OF WELL HEAD. SAMPLE LOCATION IS 14M NORTHWEST OF OLD WHITE HOUSE. GARY HESS-OWNER:

012660 SAMPLE TYPE WELL WATER ;SITE 0311 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/15/05/78
AIR TEMP(C)+ 31.3 ;LAT 33.556 ;LONG 97.449 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM - ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +20.0
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 271 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 268
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 142 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 142 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET IN RED BRICK WELL HOUSE 18M SOUTHWEST OF HOUSE; 3-21 BLACK PLASTIC, GALVANIZED, RUBBER HOSE: 3-33#3-39 DRILLER, ALOIS ROHMER: I-78 KENNETH BIERSCHENK % ROUTE 2 % BOX 136 % MUENSTER, TX 76252:

012661 SAMPLE TYPE STREAM SEDIMENT ;SITE 0312 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.508 ;LONG 97.493 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 74M INTERVAL GOING UPSTREAM

STARTING 30M UPSTREAM OF BRIDGE:

012662 SAMPLE TYPE STREAM SEDIMENT ;SITE 0313 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/05/78
AIR TEMP(C)+ 20.9 ;LAT 33.510 ;LONG 97.490 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.14 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 67M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE. SAMPLING INTERVAL BEGINS 6M UPSTREAM FROM CONNIFER ON NORTH BANK:

012663 SAMPLE TYPE STREAM SEDIMENT ;SITE 0314 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.582 ;LONG 97.487 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DR[illegible] ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER AN 80M INTERVAL GOING UPSTREAM BEGINNING AT SHARP BEND IN STREAM DUE WEST OF BEND IN ROAD. SAMPLING INTERVAL BEGINS 9M DOWNSTREAM FROM LARGE BRANCHING TREE WITH EXPOSED ROOT SYSTEM ON SOUTH BANK: I-60 LARGE EARTH DAM UPSTREAM; WHEAT FIELDS NEARBY:

012664 SAMPLE TYPE WELL WATER ;SITE 0315 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/05/78
AIR TEMP(C)+ 21.4 ;LAT 33.604 ;LONG 97.386 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +22.9
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 272 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 266
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 95 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 95 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD, SAMPLE COLLECTED AT FAUCET IN WELL HOUSE M EAST OF HOUSE. MRS. GEORGE GEHRIG-OWNEER:

012665 SAMPLE TYPE WELL WATER ;SITE 0316 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/05/78
AIR TEMP(C)+ 20.3 ;LAT 33.649 ;LONG 97.337 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 5.6 ;WATER TEMP(C) +19.6
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 291
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:

[illegible] DU [illegible]

1-38 MUENSTER EAST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT HOSE FROM FAUCET AT REAR OF HOUSE. L. W. PERKINS-OWNER;
3
-21 PLASTIC HOSE AND GALVANIZED PIPE:

012666 SAMPLE TYPE STREAM SEDIMENT ;SITE 0317 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/16/05/78
AIR TEMP(C)+ 21.0 ;LAT 33.613 ;LONG 97.255 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 112M INTERVAL GOING UPSTREAM
STARTING 80M DOWNSTREAM OF SHARP BEND IN STREAM. SAMPLING INTERVAL BEGINS ADJACENT TO LARGE TREE ON WEST BANK: 1-60
EARTH DAMS UPSTREAM:

012667 SAMPLE TYPE WELL WATER ;SITE 0318 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/16/05/78
AIR TEMP(C)+ 19.8 ;LAT 33.650 ;LONG 97.273 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +20.2
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 358 ;P ALKALINITY(PPM) 54 ;M ALKALINITY(PPM) 360
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 90
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 214 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 214 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MUENSTER EAST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT PLASTIC FAUCET APPROX. 90M NORTH OF RED WELL
HOUSE AND 14M SOUTH OF WHITE HOUSE: 3-21 FAUCET CONNECTED BY PLASTIC PIPE TO PRESSURE TANK, GALVANIZED PIPE ALSO:

012668 SAMPLE TYPE STREAM SEDIMENT ;SITE 0319 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/17/05/78
AIR TEMP(C)+ 19.0 ;LAT 33.652 ;LONG 97.390 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 57M INTERVAL GOING
UPSTREAM STARTING 19M UPSTREAM FROM WHERE PIPE CROSSES STREAM: 1-60 OIL FIELD NEARBY, PIPE LEAKING BRINE INTO STREAM:
1-51 SURFACE CODE DETERMINED BY HAND LENS INVESTIGATION:

012670 SAMPLE TYPE WELL WATER ;SITE 0320 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/05/78
AIR TEMP(C)+ 19.0 ;LAT 33.644 ;LONG 97.396 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 690 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 303 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 304
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 37 ;CONFID. OF PROD DEPTH PROBABLE

SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 37 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE

REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET OUTSIDE WELL HOUSE 13M SOUTHWEST OF BRICK HOUSE. WALTER BARTEL-OWNER:

012671 SAMPLE TYPE STREAM SEDIMENT ;SITE 0321 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/05/78
AIR TEMP(C)+ 19.8 ;LAT 33.645 ;LONG 97.467 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 25 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 75M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE: I-60 ROAD PARRALLELS STREAM, EARTH DAM UPSTREAM:

012672 SAMPLE TYPE STREAM SEDIMENT ;SITE 0322 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/05/78
AIR TEMP(C)+ 18.4 ;LAT 33.651 ;LONG 97.488 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 64M INTERVAL GOING UPSTREAM STARTING 50M UPSTREAM FROM ROAD: I-60 CROP FIELDS NEARBY, BRUSH BURNING IN AREA, POSSIBLY REDUCING CONDITIONS IN STREAM, EARTH DAMS UPSTREAM: I-77 SEDIMENT HAS SWAMPY ODOR:

012674 SAMPLE TYPE WELL WATER ;SITE 0323 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/05/78
AIR TEMP(C)+ 22.5 ;LAT 33.637 ;LONG 97.437 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 655 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 303 ;P ALKALINITY(PPM) 17 ;M ALKALINITY(PPM) 301
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 18
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 101 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 101 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET NEAR PLUM TREE 15M WEST OF WELL HOUSE.
BILL HAVERKAMPS-OWNER:

012675 SAMPLE TYPE STREAM SEDIMENT ;SITE 0324 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/05/78
AIR TEMP(C)+ 23.0 ;LAT 33.631 ;LONG 97.440 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 75M INTERVAL GOING UPSTREAM STARTING 112M UPSTREAM FROM WHERE ROAD CROSSES STREAM. SAMPLING INTERVAL BEGINS ADJACENT TO SMALL TRIB. JUNCTION ON NORTH BANK AND ENDS NEXT TO LARGE 4 FORKED TREE ON NORTH BANK: I-60 OIL WELLS GRAVEL PIT, EARTH DAMS

UPSTREAM:

012676 SAMPLE TYPE STREAM SEDIMENT ;SITE 0325 ;MAP NI1409 ;SAMPLER CJS ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 09/18/05/78
AIR TEMP(C)+ 23.4 ;LAT 33.610 ;LONG 97.384 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 25M DOWNSTREAM FROM SHARP PART OF BEND IN STREAM: I-60 OIL FIELDS, EARTH DAMS, GRAVEL PITS, CROP FIELDS
UPSTREAM:

012677 SAMPLE TYPE WELL WATER ;SITE 0326 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/05/78
AIR TEMP(C)+ 25.3 ;LAT 33.690 ;LONG 97.401 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 710 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +20.6
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 305 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 306
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 150 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 156 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT PRESSURE TANK 3M NORTH OF WELL HEAD AND 17M EAST OF 1ST. SILVER BARN. ARNOLD KNABE-OWNER:

012678 SAMPLE TYPE WELL WATER ;SITE 0327 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.688 ;LONG 97.444 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1800 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 329 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 326
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL HEAD 16M NORTHEAST OF HOUSE AT BASE OF WINDMILL. ANTON FLEITMAN-OWNER:

012679 SAMPLE TYPE WELL WATER ;SITE 0328 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.745 ;LONG 97.426 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 970 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 388 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 376

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 38 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 38 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MUENSTER WEST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL 25M NORTH OF HOUSE: 2-68 BROWNISH ORANGE
PRECIPITATE FORMS ON SIDES OF HOLDING TANK: 1-78 A. J. TUGGLE % BOX 99 % ROUTE 1 % MUENSTER, TX 76252:

012681 SAMPLE TYPE WELL WATER ;SITE 0329 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/05/78
AIR TEMP(C)+ 28.4 ;LAT 33.735 ;LONG 97.387 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) +22.6
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 278 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 280
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 MUENSTER WEST. 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT PRESSURE TANK 24M EAST OF HOUSE AND 5M SOUTH OF WELL HEAD. STEVE FETEE-OWNER:

012682 SAMPLE TYPE WELL WATER ;SITE 0330 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/18/05/78
AIR TEMP(C)+ 30.2 ;LAT 33.696 ;LONG 97.347 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 840 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 433 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 433
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 22
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 MUENSTER EAST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET AT SOUTH SIDE OF HOUSE. FAUCET IS 19M NORTH OF WELL HOUSE:

012683 SAMPLE TYPE WELL WATER ;SITE 0331 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/18/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.685 ;LONG 97.282 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-GN-BK ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 890 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +21.4
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 411 ;P ALKALINITY(PPM) 42 ;M ALKALINITY(PPM) 408
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 165 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 165 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

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REMARKS:

I-38 MUENSTER EAST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN WELL HOUSE 30M NORTHWEST OF HOUSE. W. O. WARD-OWNER:
I-77 SMELLS LIKE ROTTEN EGGS: 2-68 GREENISH BLACK COLOR; WATER CLEARS AFTER SITTING IN HOLDING TANK FOR AWHILE:

012684 SAMPLE TYPE STREAM SEDIMENT ;SITE 0332 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.744 ;LONG 97.254 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 MUENSTER EAST 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 51M
INTERVAL STARTING 75M DOWNSTREAM FROM JUNCTION OF TWO TRIBUTARIES:

012685 SAMPLE TYPE WELL WATER ;SITE 0333 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/19/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.760 ;LONG 97.335 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 860 ;DISSOLVED OXYGEN(PPM) 0.9 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 385 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 386
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 7
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL HOUSE 10M SOUTH OF HOUSE. WALLY LAFEVER-OWNER:
I-60 OWNER REPORTS HIGH IRON CONTENT:

012686 SAMPLE TYPE WELL WATER ;SITE 0334 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/05/78
AIR TEMP(C)+ 30.6 ;LAT 33.560 ;LONG 97.380 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 382 ;P ALKALINITY(PPM) 44 ;M ALKALINITY(PPM) 380
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 56 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 56 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FREEMOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WINDMILL 28M NORTH OF HOUSE:

012687 SAMPLE TYPE WELL WATER ;SITE 0335 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/05/78
AIR TEMP(C)+ 31.1 ;LAT 33.509 ;LONG 97.304 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +22.5
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 428 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 423

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 131 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 131 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOOD 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN WELL HOUSE 3M WEST OF ALUMINUM SHED:

012688 SAMPLE TYPE WELL WATER ;SITE 0336 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/05/78
AIR TEMP(C)+ 26.5 ;LAT 33.689 ;LONG 97.792 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M) 01
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 490 ;DISSOLVED OXYGEN(PPM) 1.2 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 225 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 220
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 86 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 86 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BUZZARD ROOST KNOB, 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT PRESSURE TANK 2M SOUTH OF ROAD ALONG FENCE LINE. P.T. WHITE COTTON-OWNER: 1-60 12 FOOT SECTION OF BLACK PLASTIC HOSE USED TO TAKE SAMPLE: 01

012689 SAMPLE TYPE WELL WATER ;SITE 0337 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.691 ;LONG 97.835 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 8.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 308 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 304
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2 01
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 82 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 82 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM PRESSURE TANK IN WELL HOUSE 40M WEST OF DIRT ROAD: 1-78 MRS. A.V. CORPENING % RT 1 % BOX 26 % BOWIE, TX 76230:

012690 SAMPLE TYPE STREAM SEDIMENT ;SITE 0338 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/05/78
AIR TEMP(C)+ 28.2 ;LAT 33.711 ;LONG 97.838 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL %
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE: 1-60 OIL WELLS UPSTREAM:

012691 SAMPLE TYPE WELL WATER ;SITE 0339 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/22/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.735 ;LONG 97.835 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES 0

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +22.0
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 418 ;P ALKALINITY(PPM) 43 ;M ALKALINITY(PPM) 419
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 84 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 84 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN WELL HOUSE 6M WEST OF HOUSE: 1-78 HRS.
JOE PIPPIN % RT. 2 % BOX 84 % NOCONA, TX 76255:

012693 SAMPLE TYPE STREAM SEDIMENT ;SITE 0340 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/05/78
AIR TEMP(C)+ 28.8 ;LAT 33.735 ;LONG 97.793 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 52M INTERVAL GOING
UPSTREAM STARTING 30M UPSTREAM OF BRIDGE AND ENDING 1.5M DOWNSTREAM FROM JUNCTION WITH TRIB. ON WEST BANK: 1-60 A
FEW OIL WELLS UPSTREAM:

012694 SAMPLE TYPE STREAM SEDIMENT ;SITE 0341 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.738 ;LONG 97.864 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL 01%
REMARKS: 01
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 58M INTERVAL GOING
UPSTREAM STARTING 30M UPSTREAM FROM JUNCTION WITH BELKNAP CREEK: 1-60 OIL WELLS, GRAVEL PITS, EARTH DAMS UPSTREAM:

012695 SAMPLE TYPE WELL WATER ;SITE 0342 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/05/78
AIR TEMP(C)+ 28.7 ;LAT 33.597 ;LONG 97.844 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +21.0
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 350 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 344
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 82 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 82 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET IN SHED BEHIND HOUSE. WELL HEAD IS IN WELL HOUSE
28M WEST OF HOUSE; 3-21 GALVANIZED PIPE PLUS AT LEAST 15M OF WHITE PLASTIC PIPE:

012696 SAMPLE TYPE WELL WATER ;SITE 0343 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/22/05/78
AIR TEMP(C)+ 28.9 ;LAT 33.642 ;LONG 97.847 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 308 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 7
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM PRESSURE TANK IN WELL HOUSE NEXT TO
WINDMILL WHICH IS DUE WEST OF HOUSE:

012697 SAMPLE TYPE WELL WATER ;SITE 0344 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/22/05/78
AIR TEMP(C)+ 25.0 ;LAT 33.737 ;LONG 97.770 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 890 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 8.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 303 ;P ALKALINITY(PPM) 18 ;M ALKALINITY(PPM) 305
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE ALL TYPES ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT WINDMILL 18M WEST OF HOUSE. MAX RICE-OWNER:

012698 SAMPLE TYPE WELL WATER ;SITE 0345 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.649 ;LONG 97.801 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +22.4
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 260 ;P ALKALINITY(PPM) 6 ;M ALKALINITY(PPM) 264
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 87 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 87 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BUZZARD ROOST KNOB 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT KITCHEN SINK. WELL HOUSE IS 3M EAST OF
HOUSE, JKE SINGLETON-OWNER:

012699 SAMPLE TYPE WELL WATER ;SITE 0346 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.606 ;LONG 97.784 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 650 ;DISSOLVED OXYGEN(PPM) 6.8 ;WATER TEMP(C) +22.0
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 292 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 295

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM FAUCET IN SHED 10M SOUTH OF WELL HOUSE AND 20M WEST
OF HOUSE. J.B. POLLARD-OWNER: 3-21 GALVANIZED AND PLASTIC PIPE:

012700 SAMPLE TYPE STREAM SEDIMENT ;SITE 0347 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/05/78
AIR TEMP(C)+ 30.3 ;LAT 33.584 ;LONG 97.760 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 100M INTERVAL IN CENTER OF STREAM GOING UPSTREAM
STARTING 37M UPSTREAM FROM BRIDGE: I-60 OIL WELLS, EARTH DAMS UPSTREAM:

012702 SAMPLE TYPE STREAM SEDIMENT ;SITE 0348 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.572 ;LONG 97.751 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.22 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 70M INTERVAL GOING UPSTREAM
STARTING 30M UPSTREAM FROM WHERE DIRT ROAD CROSSES STREAM: I-60 OIL WELLS UPSTREAM:

012703 SAMPLE TYPE WELL WATER ;SITE 0349 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.555 ;LONG 97.783 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 520 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +20.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 224
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE ALL TYPES ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 25 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET AT NORTHWEST SIDE OF SHED 10M SOUTHEAST OF HOUSE.
STEVE LONG-OWNER: 3-21 GALVANIZED AND PLASTIC PIPES:

012704 SAMPLE TYPE WELL WATER ;SITE 0350 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/05/78
AIR TEMP(C)+ 30.7 ;LAT 33.508 ;LONG 97.794 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1550 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +23.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 390 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 388

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APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON TKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET OUTSIDE WELL HOUSE 4M SOUTHEAST OF HOUSE: 1-78
JACK T. BROWN % BOX 1236 % BOWIE, TX 76230:

012705 SAMPLE TYPE WELL WATER ;SITE 0351 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.597 ;LONG 97.893 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 6.7 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 289 ;P ALKALINITY(PPM) 14 ;M ALKALINITY(PPM) 290
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE ALL TYPES ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 55 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
1-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM FAUCET 3M NOTH OF STONE HOUSE AND 2M WEST OF WELL;

012706 SAMPLE TYPE WELL WATER ;SITE 0352 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/24/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.540 ;LONG 97.828 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1330 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 392 ;P ALKALINITY(PPM) 45 ;M ALKALINITY(PPM) 395
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET OUTSIDE WELL HOUSE 2M EAST OF HOUSE. SAMUEL RICHARDSON-OWNER:

012707 SAMPLE TYPE STREAM SEDIMENT ;SITE 0371 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/20/04/78
AIR TEMP(C)+ 18.8 ;LAT 33.719 ;LONG 96.572 ;UNIT CODE UKWD ;VEGETATION CONIFER /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 03%
REMARKS;
1-38 SHERMAN 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 15M INTERVAL FROM THE CENTER OF THE STREAM, BEGINNING APPROX. 20M UPSTREAM FROM WHERE THIS CREEK JOINS ORE CREEK, AND CONTINUING UPSTREAM:

012708 SAMPLE TYPE WELL WATER ;SITE 0372 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/20/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.740 ;LONG 96.501 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE

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WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 300 ;DISSOLVED OXYGEN(PPM) 8.1 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 6.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 46 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 46
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 23
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET APPROX. 8M EAST OF THE HOUSE AND 23M NORTH OF THE WELL. M. E. WHITEHEAD-OWNER: 3-21 PIPE FROM WELL IS PLASTIC, GALVANIZED AT FAUCET: 3-20 CONCRETE CASING: 1-60 WELL IS SPRING FED. TOWN OF DENISON HAS A SANITARY LANDFILL JUST SOUTH OF PROPERTY:

012709 SAMPLE TYPE WELL WATER ;SITE 0373 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/20/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.696 ;LONG 96.684 ;UNIT CODE UKT ;VEGETATION CONIFER /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 920 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 9.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 560 ;P ALKALINITY(PPM) 172 ;M ALKALINITY(PPM) 570
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWL ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 91
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 125 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN NW 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM FAUCET ON SOUTH SIDE OF HOUSE: 3-21 GALVANIZED PIPE IN HOUSE, PLASTIC PIPE FROM WELL HOUSE TO HOUSE:

012710 SAMPLE TYPE WELL WATER ;SITE 0374 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/20/04/78
AIR TEMP(C)+ 21.2 ;LAT 33.643 ;LONG 96.565 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 710 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 438
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED WITH PLASTIC BUCKET AND ROPE AT THE WELL LOCATED APPROX 50M EAST OF THE INTERSECTION AND ON THE SOUTH SIDE OF THE STREET ACROSS FROM THE HOUSE ON THE CORNER. WELL BELONGS TO THE MOBILE HOME JUST EAST OF THE WELL: 3-20 CASING IS BRICK:

012711 SAMPLE TYPE WELL WATER ;SITE 0375 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/20/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.565 ;LONG 96.661 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 690 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +17.7
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 410
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 170
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET APPROX. 13M SOUTH OF THE BARN AND 30M WEST OF THE FORD'S HOUSE: 3-20 WELL CASED IN STONE: 3-21 BRASS FAUCET: 1-60 WELL IS SPRING FED:

012712 SAMPLE TYPE WELL WATER ;SITE 0376 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/20/04/78
AIR TEMP(C)+ 16.5 ;LAT 33.540 ;LONG 96.661 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3490 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +23.7
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 556 ;P ALKALINITY(PPM) 68 ;M ALKALINITY(PPM) 554
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 218 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 218 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM FAUCET DIRECTLY OFF OF WELL. LOCATION IS APPROX. 25M SOUTH OF THE BARN;

012714 SAMPLE TYPE WELL WATER ;SITE 0377 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 19/20/04/78
AIR TEMP(C)+ 17.6 ;LAT 33.645 ;LONG 96.499 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 620 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 392 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 386
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWL ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 150 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 150 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET ON SOUTH SIDE OF HOUSE: 3-21 BRASS FAUCET:
1-78 DAVID SPRIGGS % ROUTE 1 BOX 278% SHERMAN, TX 75090:

012715 SAMPLE TYPE WELL WATER ;SITE 0378 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.504 ;LONG 96.612 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1700 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +25.2
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 1000 ;P ALKALINITY(PPM) 126 ;M ALKALINITY(PPM) 1142
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 8

[redacted] PU [redacted]

WRT PRESSURE TANK NONE ;USE MUNICIPAL ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 350 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 360 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT HOLDING TANK BY DIPPING THE BUCKET (PLASTIC) INTO THE TANK WHILE WELL WAS FLOWING. WATER FLOW WAS DIRECTLY INTO THE BUCKET:

012716 SAMPLE TYPE WELL WATER ;SITE 0379 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/21/04/78
AIR TEMP(C)+ 22.2 ;LAT 33.515 ;LONG 96.511 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +15.2
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 468 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 474
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM WELL BY USING GALVANIZED BUCKET AND A COTTON ROPE. WELL IS LOCATED ON THE SOUTH SIDE OF THE HOUSE: 3-19 WATER DRAWN BY BUCKET: 3-20 STONE CASING: 3-21 NO PIPES:

012717 SAMPLE TYPE WELL WATER ;SITE 0380 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/21/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.555 ;LONG 96.508 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 0.8 ;WATER TEMP(C) +15.9
VISIBILITY(M) 0.79 ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 390 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 410
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED BY PLASTIC BUCKET AND ROPE RIGHT AT THE WELL OWNED BY OSCAR WETZEL: 3-19 WATER DRAWN BY BUCKET: 3-20 CONCRETE AND STONE CASING: 3-21 NO PIPES: 1-60 WELL IS SPRING FED AND IS ADJACENT TO A SMALL CREEK:

012718 SAMPLE TYPE WELL WATER ;SITE 0381 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/21/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.561 ;LONG 96.554 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 760 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +17.4
VISIBILITY(M) 0.59 ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 388 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 410
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET NEXT TO WELL: 3-20 WELL LINED WITH BRICK: 3-21

PLASTIC AND GALVANIZED PIPES: 1-38 CONT. WELL IS LOCATED APPROX 50M SOUTH OF A BARN:

012719 SAMPLE TYPE WELL WATER ;SITE 0382 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/21/04/78
AIR TEMP(C)+ 22.3 ;LAT 33.578 ;LONG 96.603 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 860 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +25.1
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 432 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 432
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 310 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 312 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL HEAD: 3-21 STEEL AND GALVANIZED PIPES WITH BRASS FAUCET:

012721 SAMPLE TYPE WELL WATER ;SITE 0383 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.649 ;LONG 96.622 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2680 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +32.1
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 612 ;P ALKALINITY(PPM) 38 ;M ALKALINITY(PPM) 639
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 8
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 600 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 636 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED DIRECTLY FROM WELL APPROX 8 METERS FROM THE WELL HEAD:
1-77 SLIGHT H2S SMELL, THEY HAVE HAD SOME TROUBLE WITH IT BEFORE: 3-21 STEEL AND GALVANIZED PIPES:

012722 SAMPLE TYPE WELL WATER ;SITE 0384 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.594 ;LONG 96.489 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 730 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +17.5
VISIBILITY(M) 0.50 ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 206 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 212
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITEWRIGHT 15' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL BY DIPPING BUCKET INTO THE WATER USING A COTTON ROPE: 3-20 WELL CASED IN BRICK: 3-19 WATER OBTAINED BY DIPPING BUCKET:

012723 SAMPLE TYPE STREAM SEDIMENT ;SITE 0385 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/21/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.610 ;LONG 96.512 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 15 METER INTERVAL BEGINNING WHERE THE COW PATH CROSSES AND CONTINUING UPSTREAM:

012724 SAMPLE TYPE STREAM SEDIMENT ;SITE 0386 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 11/24/04/78
AIR TEMP(C)+ 17.5 ;LAT 33.738 ;LONG 96.852 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -RAINY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.50 ;WATER DEPTH(M) 0.15
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 WHITESBORO 15' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM OVER A 69 M INTERVAL. BEGINNING 33 M WEST OF THE ROAD AND CONTINUING UPSTREAM: 1-60 OIL AND GAS WELLS IN THE AREA:

012729 SAMPLE TYPE STREAM SEDIMENT ;SITE 0387 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 10/26/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.022 ;LONG 97.020 ;UNIT CODE UKWQ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM BEGINNING APPROX 33M WEST OF THE BRIDGE AND CONTINUING UPSTREAM FOR 27 M ENDING WHERE THE VALLEY WIDENS AND A LARGE TREE OVERHANGS THE VALLEY FROM THE SOUTH BANK: I-72 L YL BN ALSO PRESENT AT END OF INTERVAL:

012730 SAMPLE TYPE STREAM SEDIMENT ;SITE 0388 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/26/04/78
AIR TEMP(C)+ 19.2 ;LAT 33.032 ;LONG 97.212 ;UNIT CODE UKWQ ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS MINING ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM SOUTH BANK OF STREAM OVER A 110 M INTERVAL BEGINNING 115 METERS DOWNSTREAM OF WHERE THE CREEK ENTERS THE RIVER AND WORKING UPSTREAM FROM THERE TO THE JUNCTION: I-60 OLD STRIP MINE IN THE AREA, TRAIN TRACKS TO THE EAST, AND SOME TRASH IN THE WATER:

012731 SAMPLE TYPE STREAM SEDIMENT ;SITE 0389 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 13/26/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.200 ;LONG 97.214 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM BEGINNING APPROX 47 M NORTH OF THE BRIDGE AND GOING UPSTREAM 66 M ENDING 8 M DOWNSTREAM OF A LOG JAM:

012732 SAMPLE TYPE STREAM SEDIMENT ;SITE 0390 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 14/26/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.129 ;LONG 97.322 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 PONDER 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM NORTH BANK OF THE STREAM BEGINNING APPROX 60M UPSTREAM OF THE ROAD AND CONTINUING UPSTREAM FOR APPROX 50M. SEDIMENT IS REDUCED SHORTLY BELOW SURFACE:

012733 SAMPLE TYPE STREAM SEDIMENT ;SITE 0391 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 15/26/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.135 ;LONG 97.414 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 0.05
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BLUETT 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM VALLEY BEGINNING APPROX 32M UPSTREAM FROM THE ROAD AND COVERING AN INTERVAL OF APFROX 68M.:

012734 SAMPLE TYPE STREAM SEDIMENT ;SITE 0392 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 21.5 ;LAT 33.220 ;LONG 97.383 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 BLUETT 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM BEGINNING 50M UPSTREAM OF THE BRIDGE AND CONTINUING UPSTREAM FOR AN INTERVAL OF 52M:

012736 SAMPLE TYPE STREAM SEDIMENT ;SITE 0393 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 10/27/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.016 ;LONG 97.315 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL COBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 JUSTIN 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM BEGINNING 40M UPSTREAM FROM THE BRIDGE AND CONTINUING UPSTREAM FOR A 42M INTERVAL. INTERVAL BEGINS AT THE SITE OF A SMALL TREE STUMP IN THE STREAM:

012737 SAMPLE TYPE STREAM SEDIMENT ;SITE 0394 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/27/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.314 ;LONG 97.450 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 7.50 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SLIDELL 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM BEGINNING PARALLEL TO THE PROPERTY LINE FENCE WHERE A SMALL CREEK ENTERS, AND CONTINUING UPSTREAM FOR AN INTERVAL OF 46 METERS:

012738 SAMPLE TYPE STREAM SEDIMENT ;SITE 0395 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 13/27/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.459 ;LONG 97.391 ;UNIT CODE LKF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 15.00 ;WATER DEPTH(M) 0.10

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 23 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GREENWOOD 7 1/2' TOPO OF THE SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM BEGINNING AT THE FIRST LARGE COTTONWOOD TREE ON THE NORTH BANK, 25 M UPSTREAM FROM THE FARM ROAD JUST EAST OF THE MAIN ROAD, AND CONTINUING UPSTREAM FOR AN INTERVAL OF APPROX 64 METERS:

012739 SAMPLE TYPE STREAM SEDIMENT ;SITE 0396 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 15/27/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.483 ;LONG 97.099 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.45
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 MOUNTAIN SPRINGS 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM THE EAST BANK BEGINNING APPROX. 42 M UPSTREAM OF THE ROAD AND CONTINUING UPSTREAM FOR AN INTERVAL OF 30 METERS:

012740 SAMPLE TYPE STREAM SEDIMENT ;SITE 0397 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 16/27/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.281 ;LONG 97.093 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 23 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GREEN VALLEY 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM EAST BANK AND FROM CENTER OF STREAM BEGINNING 120 M UPSTREAM OF THE BRIDGE AND APPROX. 30 M PERPENDICULAR TO THE ROAD. A 99 M INTERVAL WAS TAKEN GOING UPSTREAM FROM A LARGE TREE ON THE WEST BANK, WHICH WAS ALMOST UPROOTED: I-60 SOME RUBBER TIRES AND TRASH PRESENT:

012741 SAMPLE TYPE STREAM SEDIMENT ;SITE 0398 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 18/27/04/78
AIR TEMP(C)+ 20.5 ;LAT 33.356 ;LONG 97.036 ;UNIT CODE UKW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 15.00 ;WATER DEPTH(M) 1.00
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GREEN VALLEY 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED 7 M FROM EAST BANK OVER A 25 METER INTERVAL BEGINNING 8 METERS DOWNSTREAM OF A PAIR OF CEMENT PILLARS ON THE WEST BANK AND GOING UPSTREAM:

012742 SAMPLE TYPE STREAM SEDIMENT ;SITE 0399 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 19/27/04/78
AIR TEMP(C)+ 20.2 ;LAT 33.338 ;LONG 97.015 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREEN VALLEY 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM BEGINNING 27 M FROM THE ROAD AND CONTINUING UPSTREAM FOR 30M;

012743 SAMPLE TYPE STREAM SEDIMENT ;SITE 0400 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 13/28/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.350 ;LONG 97.239 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 16.00 ;WATER DEPTH(M)

WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SANGER 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM ACROSS THE STREAM WIDTH BEGINNING APPROX 34 M UPSTREAM OF THE BRIDGE AND CONTINUING UPSTREAM FOR AN INTERVAL OF 48 M: I-72 ALSO LYLBN AND DGYBN PRESENT:

012744 SAMPLE TYPE STREAM SEDIMENT ;SITE 0401 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 15/28/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.337 ;LONG 9 182 ;UNIT CODE LKF ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.16 ;WATER WIDTH(M) 4.50 ;WATER DEPTH(M) 0.18
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 25 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 SANGER 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF CLEAR CREEK BEGINNING 75 M DOWNSTREAM OF CONFLUENCE WITH DUCK CREEK AND CONTINUING UPSTREAM FOR 108 M ENDING 33 M UPSTREAM OF THE CONFLUENCE: I-60 SMALL AMOUNTS OF TRASH PRESENT:

012745 SAMPLE TYPE STREAM SEDIMENT ;SITE 0402 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 16/28/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.407 ;LONG 97.315 ;UNIT CODE LKF ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.16 ;WATER WIDTH(M) 9.50 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 30 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 ERA 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF STREAM BEGINNING 93 M DOWNSTREAM OF CONFLUENCE WITH FLAT CREEK AND CONTINUING UPSTREAM FOR 123 M:

012746 SAMPLE TYPE STREAM SEDIMENT ;SITE 0403 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 11/01/05/78
AIR TEMP(C)+ 23.0 ;LAT 33.372 ;LONG 97.773 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 28 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CHICO 7.5' OF SHERMAN. SAMPLE TAKEN OVER 117 M STARTING 15 M UPSTREAM OF PIPE ACROSS CREEK AND GOING UPSTREAM. SAMPLES FROM MID CHANNEL AND BARS. PRINGLE CREEK: I-60 OIL AND GAS WELLS IN BASIN:

012747 SAMPLE TYPE STREAM SEDIMENT ;SITE 0404 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 13/01/05/78
AIR TEMP(C)+ 26.5 ;LAT 33.432 ;LONG 97.746 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.14 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SILT ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SMYRNA 7.5' OF SHERMAN. SAMPLE TAKEN OVER 51 M STARTING 51 M DOWNSTREAM OF CONFLUENCE WITH SMALL STREAM AND GOING UPSTREAM. BRUSHY CREEK: I-60 SOME JUNK PRESENT, ALSO, SEVERAL CHARRED-FELLED TREES IN CHANNEL:

012748 SAMPLE TYPE STREAM SEDIMENT ;SITE 0405 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 15/01/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.448 ;LONG 97.607 ;UNIT CODE LKEA ;VEGETATION GRASS /DENSE ;RELIEF GENTLE

WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR O-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 31 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 NEW HARP 7.5' OF SHERMAN. SAMPLE TAKEN OVER 150 M STARTING 150 M UPSTREAM OF CONFLUENCE AND ABOUT 15 M UPSTREAM OF COWPATH, INTO STREAM BED, FROM CORRAL-PUMP. DENTON CREEK: I-60 MINOR JUNK: I-51 BANK MATERIAL IS STRATIFIED-CROSSBEDDED SAND:

012749 SAMPLE TYPE STREAM SEDIMENT ;SITE 0406 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.368 ;LONG 97.528 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.14 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.17
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 PECAN CREEK 7.5' OF SHERMAN. SAMPLE TAKEN OVER 75 M STARTING 100 M UPSTREAM OF FARM ROAD OVER CREEK: I-60
OIL FIELD AREA: I-77 SAMPLE SEDIMENT REDUCED IMMEDIATELY BELOW SURFACE:

012750 SAMPLE TYPE STREAM SEDIMENT ;SITE 0407 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 18/01/05/78
AIR TEMP(C)+ 30.1 ;LAT 33.287 ;LONG 97.701 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS INDUSTRY ;STREAM FLOW(M/SEC) 0.02 ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 2.00
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-BK-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 ALVORD 7.5' OF SHERMAN. SAMPLE TAKEN OVER 75 M STARTING 50 M DOWNSTREAM FROM OIL FIELD ROAD OVER STREAM: I-60
OIL FIELD ROAD MUCH ORGANICS ROCK PILE BROUGHT IN FROM CHICO AREA: DALE GEORGE % RTE 1 % CHICO, TX 76030: I-38
STREAM SAMPLED FROM AS FAR FROM BANK AS POSSIBLE. BIG SANDY CREEK:

012751 SAMPLE TYPE STREAM SEDIMENT ;SITE 0408 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 17/02/05/78
AIR TEMP(C)+ 11.8 ;LAT 33.369 ;LONG 97.720 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.03
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 ALVORD 7.5' OF SHERMAN. SAMPLE TAKEN OVER 75M STARTING 30M UPSTREAM OF HIGHWAY BRIDGE OVER CREEK. BRUSHY CREEK:
I-60 SEDIMENTS REDUCED BENEATH THE SURFACE. HEAVY BOVINE TRAFFIC IN AREA:

012752 SAMPLE TYPE STREAM SEDIMENT ;SITE 0409 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 10.8 ;LAT 33.308 ;LONG 97.919 ;UNIT CODE UPGC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 30 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 CRAFTON 7.5' OF SHERMAN. SAMPLE TAKEN OVER 120M STARTING 50M UPSTREAM OF HIGHWAY BRIDGE OVER CREEK, GOING UPSTREAM IN MID BASIN. BIG CREEK: I-60 OIL AND GAS FIELD IN AREA:

012753 SAMPLE TYPE STREAM SEDIMENT ;SITE 1401 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 15/02/05/78

AIR TEMP(C)+ 17.8 ;LAT 33.174 ;LONG 97.917 ;UNIT CODE PGJL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 30 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WIZARD WELLS 7.5' OF SHERMAN. SAMPLE TAKEN OVER 156M STARTING 60M UPSTREAM OF HIGHWAY BRIDGE AND GOING UPSTREAM.
JASPER CREEK: I-60 MINOR JUNK. OIL FIELDS IN AREA:

012754 SAMPLE TYPE STREAM SEDIMENT ;SITE 1402 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 16/02/05/78
AIR TEMP(C)+ 11.5 ;LAT 33.115 ;LONG 97.885 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.20 ;WATER DEPTH(M) 0.01
WATER LEVEL LOW ;BED MATERIAL SILT ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 24 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 GIBTOWN 7.5' OF SHERMAN SAMPLE TAKEN OVER 153M STARTING 48M DOWNSTREAM FROM BRIDGE AND GOING DOWNSTREAM. BOONS
CREEK: I-60-HIGHWAY CROSSES JUST (48M) UPSTREAM. OIL FIELD AREA: I-70 WATER PONDED WITH MINOR FLOW BETWEEN PONDS
MOST PROBABLY IN SUBSURFACE:

012755 SAMPLE TYPE STREAM SEDIMENT ;SITE 1403 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 17/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.191 ;LONG 97.692 ;UNIT CODE PMC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 9.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BRIDGEPORT EAST 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM CENTER OF WEST FORK OF TRINITY RIVER OVER
A 63M INTERVAL BEGINNING DIRECTLY ACROSS FROM THE ROAD AND CONTINUING UPSTREAM TO A LARGE AREA WHERE THE BANK HAS
SLUMPED IN: I-60 GAS WELL IN AREA BUT NO CONTAMINATION OBSERVED:

012756 SAMPLE TYPE STREAM SEDIMENT ;SITE 1404 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.097 ;LONG 97.651 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.00
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 COTTONDALE 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF VALLEY BEGINNING AT THE PROPERTY LINE FENCE
APPROX. 123M UPSTREAM OF THE BRIDGE OF HWY. 114 AND CONTINUING UPSTREAM FOR AN INTERVAL OF 81M: I-60 AREA USED FOR
CATTLE GRAZING. COTTONDALE GAS FIELD IN AREA:

012757 SAMPLE TYPE STREAM SEDIMENT ;SITE 1405 ;MAP NI1409 ;SAMPLER PMP ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 13/02/05/78
AIR TEMP(C)+ 14.0 ;LAT 33.085 ;LONG 97.559 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BOYD 7.5' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED OVER A 22M INTERVAL FROM THE SOUTH BANK OF THE WEST FORK OF
THE TRINITY RIVER. SAMPLING INTERVAL BEGAN APPROX. 80M WEST OF FARM ROAD 730 AND CONTINUED UPSTREAM: I-72 LYLBN ALSO
PRESENT FROM SLUMP MATERIAL: I-77 SLIGHT ODOR IN REDUCED MATERIAL:

012759 SAMPLE TYPE STREAM SEDIMENT ;SITE 1450 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/05/78
AIR TEMP(C)+ 22.0 ;LAT 33.617 ;LONG 97.514 ;UNIT CODE LKTP ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-BK-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 10% 01
REMARKS:
I-38 FORESTBURG 7 1/2 TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM;
INTERVAL BEGINS 80M DOWNSTREAM OF FORK; I-60 #I-77 SAMPLE IS REDUCED BELOW TOP LAYER OF SEDIMENTS:

012760 SAMPLE TYPE STREAM SEDIMENT ;SITE 1451 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/16/05/78
AIR TEMP(C)+ 22.0 ;LAT 33.575 ;LONG 97.528 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.20 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL NONE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 02% 01
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE TAKEN IN CENTER OF STREAM OVER A 20M INTERVAL BEGINNING 197 M
UPSTREAM FROM BRIDGE; I-71 BEDROCK COMPOSED OF CLAYEY SAND; I-60 RUSTY PIPE, 0.2M IN DIAMETER HANGING OVER STREAM
UPSTREAM OF SAMPLE INTERVAL; RUSTY METAL SPRING IN SAMPLE INTERVAL:

012761 SAMPLE TYPE STREAM SEDIMENT ;SITE 1452 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/05/78
AIR TEMP(C)+ 21.0 ;LAT 33.566 ;LONG 97.520 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 02% 01
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 65M INTERVAL
BEGINNING APPOX, 70M UPSTREAM FROM "S" BEND IN STREAM; I-60 FORESTBURG IN UPPER PART OF DRAINAGE BASIN:

012762 SAMPLE TYPE STREAM SEDIMENT ;SITE 1453 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/16/05/78
AIR TEMP(C)+ 21.1 ;LAT 33.621 ;LONG 97.539 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 05% 01
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 65M INTERVAL BEGINNING 160M
UPSTREAM OF ROAD CROSSING STREAM:

012763 SAMPLE TYPE STREAM SEDIMENT ;SITE 1454 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/05/78
AIR TEMP(C)+ 21.9 ;LAT 33.619 ;LONG 97.566 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 20% 01
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL BEGINNING
54M UPSTREAM FROM BRIDGE; I-60 #I-77 REDUCED SEDIMENTS:

012764 SAMPLE TYPE WELL WATER ;SITE 1455 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/16/05/78
AIR TEMP(C)+ 24.5 ;LAT 33.596 ;LONG 97.561 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF MODERATE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 950 ;DISSOLVED OXYGEN(PPM) 10.4 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 540 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 537
APPEARANCE CLEAR ;DISCHARGE(L/M) 7.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 53 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 53 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FORESTBURG 7 1/2 TOPO OF SHERMAN QUAD; SAMPLE COLLECTED FROM GALVANIZED PIPE .5M FROM WELL HEAD. WELL LOCATED 6M NORTH OF HOUSE:

012765 SAMPLE TYPE WELL WATER ;SITE 1456 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/16/05/78
AIR TEMP(C)+ 23.1 ;LAT 33.553 ;LONG 97.550 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +20.0
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 506 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 509
APPEARANCE CLEAR ;DISCHARGE(L/M) 10.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 33 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 33 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM WELL WHICH IS LOCATED 10 M. SOUTH OF HOUSE:

012766 SAMPLE TYPE WELL WATER ;SITE 1457 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/17/05/78
AIR TEMP(C)+ 16.2 ;LAT 33.702 ;LONG 97.500 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) +18.7
VISIBILITY(M) 0.09 ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 377 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 381
APPEARANCE MURKY ;DISCHARGE(L/M) 10.00 ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 50 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SAINT JO 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM GALVANIZED PIPE 0.5 M. FROM WELL HEAD; WELL LOCATED 25M. NORTHWEST OF WHITE HOUSE; I-60 #I-77 SLIGHT SULPHER ODOR; RUST DEPOSITS IN PIPE OPENING; OWNER SAID OIL FILM IS SOMETIMES ON WATER SURFACE: I-78 JACK COLLIER % RT 1 % SAINT JO, TEXAS 76265:

012767 SAMPLE TYPE WELL WATER ;SITE 1458 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/05/78
AIR TEMP(C)+ 15.5 ;LAT 33.735 ;LONG 97.524 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF MODERATE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 578 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 578
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 42 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 42 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SAINT JO 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN AT WELLHEAD FROM GALVANIZED PIPE; WELL LOCATED 7M. EAST OF OLD WOODEN HOUSE: 1-60 RUST STAINS ON PLASTIC DRINKING CONTAINERS IN HOUSE; OIL WELL IN SIGHT TO THE EAST:

012768 SAMPLE TYPE WELL WATER ;SITE 1459 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/05/78
AIR TEMP(C)+ 19.0 ;LAT 33.685 ;LONG 97.556 ;UNIT CODE LKGW ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 7.0 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 364 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 382
APPEARANCE CLEAR ;DISCHARGE(L/M) 6.00 ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SAINT JO 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED .5M FROM WELL HEAD. WINDMILL LOCATED IN N.W. CORNER OF STOCKYARD, STOCKYARD LOCATED APPROX, 80M. S.W. OF HOUSE;

012769 SAMPLE TYPE WELL WATER ;SITE 1460 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/05/78
AIR TEMP(C)+ 22.5 ;LAT 33.711 ;LONG 97.623 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 524 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 512
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SAINT JO 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM GALVANIZED PIPE 1.5M. FROM WELLHEAD; WELL LOCATED 30M. NORTH OF WHITE HOUSE: 3-20 TIN:

012770 SAMPLE TYPE WELL WATER ;SITE 1461 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/05/78
AIR TEMP(C)+ 25.5 ;LAT 33.549 ;LONG 97.607 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2240 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 522 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 521
APPEARANCE CLEAR ;DISCHARGE(L/M) 14.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. STEEL ;METERS FROM HEAD 2

WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 70 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 70 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN 1.5M. FROM WELLHEAD THROUGH BRASS FAUCET; WELL LOCATED 15M. NORTHWEST OF WHITE HOUSE; I-60 OIL FIELD WITHIN 2 MILE RADIUS; 3-20 STONE LINED DUG WELL;

012771 SAMPLE TYPE WELL WATER ;SITE 1462 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/17/05/78
AIR TEMP(C)+ 24.1 ;LAT 33.511 ;LONG 97.628 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 541 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 542
APPEARANCE CLEAR ;DISCHARGE(L/M) 7.00 ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN FROM BRASS FAUCET 4M. SOUTHEAST OF WELLHEAD; WELL LOCATED 10M. NORTHWEST OF WHITE HOUSE; 3-21 BRASS PIPE;

012773 SAMPLE TYPE WELL WATER ;SITE 1463 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/18/05/78
AIR TEMP(C)+ 23.9 ;LAT 33.733 ;LONG 97.572 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER U WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1310 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 660 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 688
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 35 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SAINT JO 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM BRASS FAUCET .2M. FROM WELL HEAD; WELL LOCATED IN RED BRICK SHED 15M. SOUTH OF YELLOW BRICK HOUSE; I-60 IRON DISCOLORATION NOTED BY OWNER ON HOUSEHOLD ITEMS IN CONTACT WITH WELL WATER; 3-21 BRASS FAUCET;

012774 SAMPLE TYPE WELL WATER ;SITE 1464 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.743 ;LONG 97.641 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF MODERATE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 425 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 433
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 105 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 105 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN FROM WELL BENEATH OLD WINDMILL STRUCTURE, WELL IS LOCATED

APPOX. 60M. NORTHWEST OF BRICK HOUSE:

012775 SAMPLE TYPE WELL WATER ;SITE 1465 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/18/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.650 ;LONG 97.626 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) +24.5
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 542 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 536
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 67 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 67 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM GALVANIZED PIPE 0.3 M. FROM WELL HEAD; WELL LOCATED APPOX. 80M. WEST OF WHITE HOUSE: 1-60 OIL WELLS WITHIN ONE MILE RADIUS:

012776 SAMPLE TYPE WELL WATER ;SITE 1466 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.642 ;LONG 97.572 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF MODERATE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 790 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) +20.0
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 503 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 529
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 53 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 53 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SAINT JO 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED FROM WELLHEAD LOCATED IN WHITE SHED 5M. NORTH OF BRICK HOUSE; I-60 OIL FIELD VISIBLE IN VALLEY TO THE WEST:

012777 SAMPLE TYPE WELL WATER ;SITE 1467 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/05/78
AIR TEMP(C)+ 29.5 ;LAT 33.611 ;LONG 97.518 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +21.2
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 498 ;P ALKALINITY(PPM) 29 ;M ALKALINITY(PPM) 519
APPEARANCE CLEAR ;DISCHARGE(L/M) 10.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 45 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 45 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FORESTBURG 7 1/2' TOPO. OF THE SHERMAN QUAD., SAMPLE COLLECTED FROM BRASS FAUCET .4M.FROM WELLHEAD; WELL LOCATED IN WHITE SHED 15M. NORTH OF WHITE HOUSE:

012778 SAMPLE TYPE WELL WATER ;SITE 1468 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/05/78
AIR TEMP(C)+ 30.8 ;LAT 33.548 ;LONG 97.515 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) +20.7
VISIBILITY(M) 0.29 ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 539 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 521
APPEARANCE OTHER ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 50 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FORESTBURG 7 1/2' TOPO. OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM BRASS FAUCET 1M. FROM WELL HEAD; WELL LOCATED
5M. NORTH OF WHITE HOUSE: 1-60 OWNER SAID PIPE FROM THE PRESSURE TANK TO FAUCET BEFORE SOFTENER TANK CLOGS UP WITH
RUSTY COLORED PERCIPITATE: 1-77 METALLIC: 2-68 CLOUDY:

012779 SAMPLE TYPE WELL WATER ;SITE 0429 ;MAP NI1407 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/18/05/78
AIR TEMP(C)+ 31.5 ;LAT 33.506 ;LONG 97.513 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 740 ;DISSOLVED OXYGEN(PPM) 8.5 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 455 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 465
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 41 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 41 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FORESTBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN FROM WELL LOCATED IN WHITE BLOCK BUILDING 5M. SOUTH
OF HOUSE: 3-20 PLASTIC CASING DOWN TO 20M. STEEL CASING BETWEEN 20M. AND BOTTOM OF WELL (41M.):

012780 SAMPLE TYPE WELL WATER ;SITE 0430 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/18/05/78
AIR TEMP(C)+ 29.8 ;LAT 33.508 ;LONG 97.571 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 870 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +21.7
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 591 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 600
APPEARANCE CLEAR ;DISCHARGE(L/M) 18.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 67 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 67 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FORESTBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN FROM FAUCET 10M. SOUTHEAST OF GREY BLOCK BUILDING THAT
HOUSES WELLHEAD; WELL LOCATED 14M. NORTHWEST OF WHITE HOUSE: 1-77 OIL:

012781 SAMPLE TYPE STREAM SEDIMENT ;SITE 0431 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/19/05/78
AIR TEMP(C)+ 25.2 ;LAT 33.748 ;LONG 97.643 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.01
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 10%

REMARKS:

I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN DAMP SEDIMENTS BETWEEN SMALL STAGNANT POOLS OVER A 30M. INTERVAL, INTERVAL STARTS 65M. UPSTREAM OF ROAD: I-60 COW PATHS CROSSING STREAM ABOVE AND BELOW SAMPLE INTERVAL: I-77 ORGANIC:

012782 SAMPLE TYPE STREAM SEDIMENT ;SITE 0432 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/05/78
AIR TEMP(C)+ 25.4 ;LAT 33.738 ;LONG 97.651 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM BED OVER A 53M. INTERVAL BEGINNING 96M. UPSTREAM FROM ROAD: I-60 STREAM LOCATED IN COW PASTURE, TRACKS FREQUENTLY OCCUR IN STREAM BED: I-71 SANDSTONE BEDROCK:

012783 SAMPLE TYPE STREAM SEDIMENT ;SITE 0433 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/19/05/78
AIR TEMP(C)+ 27.4 ;LAT 33.736 ;LONG 97.665 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR D-GY-BK ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 25M. INTERVAL BEGINNING 34M. UPSTREAM OF FORK; I-60 OIL FIELD IN DRAINAGE BASIN; COW TRACKS IN STREAMBED; OIL FILM ON WATER SURFACE: I-77 REDUCED SEDIMENTS:

012784 SAMPLE TYPE WELL WATER ;SITE 0434 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/19/05/78
AIR TEMP(C)+ 29.5 ;LAT 33.724 ;LONG 97.673 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 345 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 353
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 72 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 72 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED FROM WELL IN WHIT BLOCK SHED, 0.4 M FROM WELL HEAD, 10 M WEST OF WHITE HOUSE: I-60 OIL FIELD WITHIN 1 MILE RADIUS: I-77 OILY ODOR:

012785 SAMPLE TYPE WELL WATER ;SITE 0435 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.692 ;LONG 97.678 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2000 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 466 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 484
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM WELL IN TIN SHED LOCATED 30M. NORTH OF RED ROOFED HOUSE; 1-60 OIL WELL WITHIN 1 MILE OF WELL; 1-78 C.R. KILBORN & 2112 MUSTANG RD. & ALVIN TEXAS 7751:

012786 SAMPLE TYPE STREAM SEDIMENT ;SITE 0436 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/05/78
AIR TEMP(C)+ 32.0 ;LAT 33.745 ;LONG 97.725 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN FROM CENTER OF STREAM BED GOING UPSTREAM OVER A 65M. INTERVAL BEGINNING 48M. UPSTREAM OF ROAD; I-60 OIL WELL IN DRAINAGE BASIN; COW TRACKS IN STREAMBED:

012787 SAMPLE TYPE WELL WATER ;SITE 0437 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/19/05/78
AIR TEMP(C)+ 33.1 ;LAT 33.736 ;LONG 97.745 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 920 ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 463 ;P ALKALINITY(PPM) 58 ;M ALKALINITY(PPM) 479
APPEARANCE CLEAR ;DISCHARGE(L/M) 6.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 73 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 73 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD;, WELL SAMPLE TAKEN FROM WINDMILL BEFORE HOLDING TANK; WELL LOCATED 6M. NORTH OF HOUSE:

012788 SAMPLE TYPE STREAM SEDIMENT ;SITE 0438 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/19/05/78
AIR TEMP(C)+ 32.2 ;LAT 33.724 ;LONG 97.720 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MONTAGUE 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAMBED OVER AN 80M. INTERVAL BEGINNING 104M. UPSTREAM OF FORK; I-60 OIL FIELD IN DRAINAGE BASIN; CITY OF MONTAGUE; OIL WELL WITHIN 20M. OF STREAM; COWTRACKS IN STREAMBED:

012790 SAMPLE TYPE WELL WATER ;SITE 0439 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/19/05/78
AIR TEMP(C)+ 32.1 ;LAT 33.595 ;LONG 97.652 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 970 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +21.7
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 340 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 357
APPEARANCE CLEAR ;DISCHARGE(L/M) 11.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 19 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 19 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM BRASS FAUCET COMING OUT OF NORTH SIDE OF HOUSE; WELL LOCATED 3M. NORTHWEST OF THE FAUCET: 1-60 MALLARD OIL FIELD 2 MILES TO THE SOUTHEAST:

012791 SAMPLE TYPE WELL WATER ;SITE 0440 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/20/05/78
AIR TEMP(C)+ 27.9 ;LAT 33 690 ;LONG 97.723 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +21.2
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 638 ;P ALKALINITY(PPM) 73 ;M ALKALINITY(PPM) 635
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 124 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 124 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM BRASS FAUCET ON WEST SIDE OF HOUSE; FAUCET LOCATED 3M. NORTH OF SOUTH WALL ON WEST SIDE; WELL LOCATED 7M. SOUTH OF BRICK HOUSE: 1-60 OIL WELLS WITHIN SIGHT RANGE:

012792 SAMPLE TYPE WELL WATER ;SITE 0441 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/20/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.654 ;LONG 97.700 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 8.2 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 387 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 388
APPEARANCE CLEAR ;DISCHARGE(L/M) 25.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM YELLOW BLOCK HOUSE AT IRRIGATION FAUCET; WELL HOUSE LOCATED 10M. NORTHEAST OF BRICK HOUSE: 1-77 SLIGHT SULPHER ODOR: 1-78 BILL WATSON % RT 1 BOX 23A % MONTAGUE TEXAS 76251;

012793 SAMPLE TYPE WELL WATER ;SITE 0442 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/20/05/78
AIR TEMP(C)+ 28.1 ;LAT 33.667 ;LONG 97.514 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +21.9
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 450 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 435
APPEARANCE CLEAR ;DISCHARGE(L/M) 26.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 14
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 118 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 127 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

SAINT JO 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET LOCATED IN THE PRESSURE TANK WHITE BLOCK HOUSE;

WELLHEAD LOCATED 14M. SOUTH OF PRESSURE TANK BUILDING WHICH IS 10M. SOUTH OF WHITE HOUSE: 1-60 SHORT HOSE FOR COLLECTING SAMPLE FROM FAUCET: 1-78 A.C. HUGHES % P.O. BOX 3069 % DALLAS, TEXAS 75221:

012794 SAMPLE TYPE WELL WATER ;SITE 0443 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/05/78
AIR TEMP(C)+ 27.1 ;LAT 33.570 ;LONG 97.725 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2000 ;DISSOLVED OXYGEN(PPM) 8.3 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 573 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 600
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 85 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 85 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON EAST SIDE OF TRAILER, FAUCET LOCATED 10M. WEST OF WELLHEAD: 1-60 MUELLER OIL FIELD APPROX. 1.6 KILOMETERS WEST OF WELL LOCATION: 1-78 W. A. MCLAUGHLIN % RT 4 BOX 273 % BOWIE TEXAS 76230:

012795 SAMPLE TYPE STREAM SEDIMENT ;SITE 0444 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/22/05/76
AIR TEMP(C)+ 27.2 ;LAT 33.557 ;LONG 97.734 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BK-GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 15%
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 58M. INTERVAL, INTERVAAL BEGINS 67 M. UPSTREAM OF ROAD: 1-60 OIL FIELD IN DRAINAGE PATTERN: 1-77 REDUCED SEDIMENTS:

012796 SAMPLE TYPE STREAM SEDIMENT ;SITE 0445 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.529 ;LONG 97.718 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR - -OT ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 20%
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 63M. INTERVAL BEGINNING 47M. UPSTREAM OF ROAD: 1-60 OLD OIL FIELD LOCATED IN DRAINAGE PATTERN; EARTH DAM 100 M. UPSTREAM OF SAMPLE INTERVAL: 1-72 ONE BAG M-WH-GY- ONE BAG FARTHER UPSTREAM D-GY-BK: 1-77 REDUCED:

012797 SAMPLE TYPE STREAM SEDIMENT ;SITE 0446 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/22/05/78
AIR TEMP(C)+ 29.1 ;LAT 33.526 ;LONG 97.694 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 15%
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 74M. INTERVAL BEGINNING 35M. UPSTREAM OF ROAD: 1-60 OLD OIL FIELD IN DRAINAGE BASIN: 1-77 EARTHY:

012798 SAMPLE TYPE STREAM SEDIMENT ;SITE 0447 ;MAP N1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.520 ;LONG 97.686 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SALONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 59 M. INTERVAL BEGINNING 33 M. UPSTREAM OF ROAD I-60 OIL WELLS IN DRAINAGE BASIN: I-77 SLIGHT ODOR OF REDUCED SEDIMENTS:

012799 SAMPLE TYPE WELL WATER ;SITE 0448 ;MAP N1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/05/78
AIR TEMP(C)+ 29.6 ;LAT 33.509 ;LONG 97.665 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 8.3 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 538 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 555
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 69
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE COLLECTED FROM FAUCET ON NORTH SIDE OF WHITE HOUSE, WELL HEAD LOCATED 69 M. NORTHEAST OF WHITE HOUSE BEHIND LARGE WOODEN WORKSHOP AND GARAGE:

012800 SAMPLE TYPE WELL WATER ;SITE 0458 ;MAP N1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/01/78
AIR TEMP(C)+ 2.0 ;LAT 33.827 ;LONG 96.842 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1450 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) + 7.7
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) ;P ALKALINITY(PPM) ;M ALKALINITY(PPM)
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM KITCHEN SINK, BRILEY HOME, WELL 6M WEST OF N.W. CORNER OF HOUSE: 3-20 BRICK: 3-39 LOOKED INTO WELL:

012801 SAMPLE TYPE WELL WATER ;SITE 0459 ;MAP N1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/01/78
AIR TEMP(C)+ 2.0 ;LAT 33.789 ;LONG 96.832 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L- -BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 650 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) + 7.6
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 195 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 188
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 25

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 88 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 88 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET OUTSIDE 3M. SOUTH OF SE CORNER OF HOUSE, 25M SOUTH AND 5M. WEST TO PUMP HOUSE, C. W. FINDLEY: 2-68 RED BROWN FROM IRON:

012802 SAMPLE TYPE WELL WATER ;SITE 0460 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.834 ;LONG 96.892 ;UNIT CODE UKWR ;VEGETATION CONIFER /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1300 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +13.5
VISIBILITY(M) CLEAR ;PH 10.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 550 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 566
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 267 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 267 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD. SAMPLE TAKEN FROM PUMPHOUSE ACROSS DRIVEWAY FROM TRAILOR, SAMPLE TAKEN FROM FAUCET BEFORE FILTERS, DON WILSON HOME:

012803 SAMPLE TYPE WELL WATER ;SITE 0461 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.788 ;LONG 96.899 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1020 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) + 4.2
VISIBILITY(M) CLEAR ;PH 10.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 282 ;P ALKALINITY(PPM) 46 ;M ALKALINITY(PPM) 282
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 70
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 274 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 274 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD. SAMPLE TAKEN FROM FAUCET OUTSIDE ON SOUTH SIDE OF DENNIS HOME, WELL IS IN BARN 60M NORTH AND 40M WEST ACROSS ROAD:

012804 SAMPLE TYPE WELL WATER ;SITE 0462 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/24/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.838 ;LONG 96.940 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1830 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 635 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 665
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE 10M NORTH OF HOUSE, R.C. JUNE HOME: 1-68 OWNER SAYS SOME IRON STAINING:

012805 SAMPLE TYPE WELL WATER ;SITE 0463 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.880 ;LONG 96.901 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1200 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +10.1
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 285 ;P ALKALINITY(PPM) 64 ;M ALKALINITY(PPM) 281
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE OTHER ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 109 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 109 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL #2 BEFORE CHLORINATION TANKS SHEPPARD AIR FORCE REC ANNEX:
I-26 WATER USED FOR MUNICIPAL WATER ON AIR FORCE REC. ANNEX IN SUMMER:

012806 SAMPLE TYPE SPRING WATER ;SITE 0464 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.870 ;LONG 96.940 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) + 7.1
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 95 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 102
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE
REMARKS:
I-38 SAMPLE TAKEN FROM KITCHEN SINK 45M. N.N.W. FROM SPRING: 1-78 HENRY C. WASHINGTON % RT. 3 BOX 126 % WHITESBORO, TEXAS % 76273.

012808 SAMPLE TYPE WELL WATER ;SITE 0465 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/29/01/78
AIR TEMP(C)+ 7.0 ;LAT 33.931 ;LONG 96.937 ;UNIT CODE LKFU ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 950 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) + 6.0
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 462 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 462
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. GASOLINE ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 60
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 65 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 65 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE TOPO, SHERMAN QUAD SAMPLE TAKEN FROM FAUCET IN BACK OF GARAGE INSIDE, WELL LOCATED 14M NORTH AND 54M WEST FROM N.W. CORNER OF GARAGE, WELL IS GRASSHOPPER TYPE, R. E. HENSON HOME:

012809 SAMPLE TYPE WELL WATER ;SITE 0466 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/01/78
AIR TEMP(C)+ 7.0 ;LAT 33.789 ;LONG 96.959 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1700 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 175 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 175
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE TOPO, SHERMAN QUAD. HUGH COLLUMS HOME, SAMPLE TAKEN FROM FAUCET ON PRESSURE TANK 12M EAST AND 6M SOUTH FROM S.E. CORNER OF HOUSE: I-78 HUGH COLLUMS % RT 3 WHITESBORO, OKLA, % 76273 % :

012810 SAMPLE TYPE STREAM SEDIMENT ;SITE 0467 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/14/02/78
AIR TEMP(C)+ 4.0 ;LAT 33.305 ;LONG 97.197 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.35
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CROSS-SECTION OF STREAM STARTING 85M UPSTREAM OF BRIDGE WHERE STREAM NOT AS DEEP AS NEAR HWY, COARSE GRAVEL NEAR EDGE OF STREAM MADE OBTAINING FINES DIFFICULT:

012811 SAMPLE TYPE STREAM SEDIMENT ;SITE 0468 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/02/78
AIR TEMP(C)+ 1.0 ;LAT 33.265 ;LONG 97.247 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR -OT ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 08%
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15M INTERVAL STARTING 25M UPSTREAM OF BRIDGE GOING UPSTREAM FROM CROSS-SECTION OF STREAM: I-72 2 COLORS OF SEDIMENT, BOTH DARK BROWN SEDIMENT SIMILAR TO LOCAL SOIL AND YELLOW BROWN SIMILAR TO LOCAL LIMESTONE OUTCROP:

012812 SAMPLE TYPE STREAM SEDIMENT ;SITE 0469 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/02/78
AIR TEMP(C)+ 1.0 ;LAT 33.315 ;LONG 97.125 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.35
WATER LEVEL HIGH ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SANGER TOPO; ARDMORE QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM STARTING 25M UPSTREAM OF BRIDGE FROM CENTER OF STREAM:

012814 SAMPLE TYPE STREAM SEDIMENT ;SITE 0471 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/02/78
AIR TEMP(C)+ 3.0 ;LAT 33.285 ;LONG 97.130 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 08%
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM BUT NORTH BANK OF LARGER STREAM VALLEY WHERE STREAM IS NOT DAMMED UP AND IS MOVING STARTING 52M DOWNSTREAM OF BRIDGE:

012815 SAMPLE TYPE STREAM SEDIMENT ;SITE 0472 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/16/02/78
AIR TEMP(C)+ 3.0 ;LAT 33.347 ;LONG 97.155 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR -YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM VALLEY STARTING 230M DIRECTLY EAST OF STEAL PIPE FENCE CORNER WHERE STREAM TRENDS EAST WEST APPROX. 50M OR WHERE DUE EAST TRAVERSE FROM FENCE CORNER FIRST INTERSECTS STREAM:

012817 SAMPLE TYPE STREAM SEDIMENT ;SITE 0473 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/02/73
AIR TEMP(C)+ 3.5 ;LAT 33.357 ;LONG 97.194 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR -YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CROSS-SECTION OF STREAM VALLEY STARTING 20M UPSTREAM OF ROAD: I-72 SAMPLE CONTAINS BOTH RED-BROWN SEDIMENT AND YELLOW-BROWN SEDIMENT FROM LIMESTONE BOULDERS:

012818 SAMPLE TYPE STREAM SEDIMENT ;SITE 0474 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/02/78
AIR TEMP(C)+ 3.0 ;LAT 33.426 ;LONG 97.233 ;UNIT CODE LKFU ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 0.35
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 VALLEY VIEW, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 140M UPSTREAM OF BRIDGE WHERE LESS DEEP:

012820 SAMPLE TYPE STREAM SEDIMENT ;SITE 0476 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/21/02/78
AIR TEMP(C)+ 3.0 ;LAT 33.417 ;LONG 97.130 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 1.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CROSS-SECTION OF STREAM STARTING 1M UPSTREAM OF BRIDGE:

012821 SAMPLE TYPE STREAM SEDIMENT ;SITE 0477 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/02/78
AIR TEMP(C)+ 3.0 ;LAT 33.454 ;LONG 97.119 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS SEWAGE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.25
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM STARTING 15M UPSTREAM OF BRIDGE FROM CENTER OF STREAM: I-60 RANCHER SAYS SEWAGE IN STREAM:

012822 SAMPLE TYPE STREAM SEDIMENT ;SITE 0478 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/02/78
AIR TEMP(C)+ 3.0 ;LAT 33.488 ;LONG 97.113 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD. SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE:

012823 SAMPLE TYPE STREAM SEDIMENT ;SITE 0479 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/22/02/78
AIR TEMP(C)+ 8.5 ;LAT 33.377 ;LONG 97.098 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 1.20
WATER LEVEL NORMAL ;BED MATERIAL ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 6 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD. SAMPLE TAKEN OVER 4M INTERVAL FROM CENTER OF STREAM GOING UPSTREAM STARTING 2M UPSTREAM OF BRIDGE:

012824 SAMPLE TYPE STREAM SEDIMENT ;SITE 0480 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/02/78
AIR TEMP(C)+ 4.5 ;LAT 33.395 ;LONG 97.111 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 30M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M UPSTREAM OF FORK, GOOD SAMPLE:

012826 SAMPLE TYPE STREAM SEDIMENT ;SITE 0481 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/22/02/78
AIR TEMP(C)+ 19.0 ;LAT 33.410 ;LONG 97.097 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL FROM CENTER OF STREAM GOING UPSTREAM STARTING 50M UPSTREAM OF FORK, SAMPLING INTERVAL ENDED AT LIMESTONE OUTCROP:

012827 SAMPLE TYPE STREAM SEDIMENT ;SITE 0482 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/02/78
AIR TEMP(C)+ 19.5 ;LAT 33.397 ;LONG 97.049 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM VALLEY STARTING WHERE 2-TRACK WHICH STARTS JUST NORTH OF BARN CROSSES RIVER AND WHERE N-S FENCE INTERSECTS RIVER AS SEEN ALSO ON TOPO:

012828 SAMPLE TYPE STREAM SEDIMENT ;SITE 0483 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/02/78
AIR TEMP(C)+ 20.5 ;LAT 33.395 ;LONG 97.017 ;UNIT CODE LKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.35 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-BN-RD ;SAMPLE ODOR ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER A 20M INTERVAL GOING UPSTREAM STARTING 20M UPSTREAM OF BRIDGE: I-71 STREAM ALSO IS CUTTING THROUGH A THICK CLAY BED:

012829 SAMPLE TYPE STREAM SEDIMENT ;SITE 0484 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/02/78
AIR TEMP(C)+ 21.5 ;LAT 33.419 ;LONG 97.019 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 1.00
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM STARTING 20M UPSTREAM OF BRIDGE FROM CENTER OF STREAM:

012830 SAMPLE TYPE STREAM SEDIMENT ;SITE 0485 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/02/78
AIR TEMP(C)+ 22.0 ;LAT 33.468 ;LONG 97.007 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL FROM CENTER OF STREAM VALLEY GOING UPSTREAM STARTING 200M UPSTREAM OF BRIDGE OR WHERE FENCE CORNER IS, AND FENCE RUNS PARALLEL TO STREAM OR WHERE RIVER BENDS WEST GOING UPSTREAM:

012831 SAMPLE TYPE STREAM SEDIMENT ;SITE 0486 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/02/78
AIR TEMP(C)+ 7.0 ;LAT 33.472 ;LONG 97.170 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.02 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 106M UPSTREAM OF FORK WITH SPRING CREEK OR 10M UPSTREAM OF LARGE Y-SHAPED BIRCH: I-60 PECAN TREES:

012832 SAMPLE TYPE STREAM SEDIMENT ;SITE 0487 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/23/02/78
AIR TEMP(C)+ 11.2 ;LAT 33.426 ;LONG 97.235 ;UNIT CODE LKFU ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR D- -GY ;SAMPLE ODOR ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL FROM CENTER OF STREAM VALLEY GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE: I-60 CATTLE GRAZING, USED TRAPPERS GLOVE:

012833 SAMPLE TYPE STREAM SEDIMENT ;SITE 0488 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/02/78
AIR TEMP(C)+ 13.5 ;LAT 33.348 ;LONG 97.162 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%

REMARKS:

I-38 SANGER TOPO, SHERMAN QUAD, COLLECTED CENTER OF STREAM OVER 20M INTERVAL GOING UPSTREAM STARTING 40M UPSTREAM OF WHERE PRIVATE ROAD CROSSES STREAM: I-60 ASSORTED TRASH, DEAD FISH, SANITARY LANDFILL UPSTREAM, USED SEDIMENT SCOOP ON POLE:

012834 SAMPLE TYPE STREAM SEDIMENT ;SITE 0489 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/02/78
AIR TEMP(C)+ 17.0 ;LAT 33.329 ;LONG 97.007 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 GREEN VALLEY TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL FROM CENTER OF STREAM GOING UPSTREAM STARTING 150M DOWNSTREAM OF EARTH DAM ON BRAY BRANCH CREEK: I-60 TRASH IN RIVER, DEAD TREES IN WATER, EARTH DAM UPSTREAM, CATTLE GRAZING:

012835 SAMPLE TYPE WELL WATER ;SITE 0490 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/28/02/78
AIR TEMP(C)+ 10.5 ;LAT 33.269 ;LONG 97.177 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 980 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +21.1
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 721 ;P ALKALINITY(PPM) 94 ;M ALKALINITY(PPM) 726
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 167 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 167 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 3M SOUTH OF SE CORNER OF GARAGE:

012836 SAMPLE TYPE WELL WATER ;SITE 0491 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/28/02/78
AIR TEMP(C)+ 11.0 ;LAT 33.321 ;LONG 97.176 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 920 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 665 ;P ALKALINITY(PPM) 90 ;M ALKALINITY(PPM) 648
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 305 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 305 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD SAMPLE TAKEN FROM WELL HOUSE 45M EAST OF SE CORNER OF HOUSE: I-78 JOHN C GARRISON % RT #1, BOX 715 % SANGER, TEXAS 76266:

012837 SAMPLE TYPE STREAM SEDIMENT ;SITE 0492 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/28/02/78
AIR TEMP(C)+ 11.0 ;LAT 33.383 ;LONG 97.206 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL COBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 85M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 35M UPSTREAM OF FORK:

012838 SAMPLE TYPE WELL WATER ;SITE 0493 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/28/02/78
AIR TEMP(C)+ 9.3 ;LAT 33.362 ;LONG 97.226 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 2.6 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 665 ;P ALKALINITY(PPM) 61 ;M ALKALINITY(PPM) 631
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 151 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 151 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL 20M W OF NW CORNER OF HOUSE FROM ELECTRIC PUMP ON WINDMILL
PUMP:

012839 SAMPLE TYPE WELL WATER ;SITE 0494 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/01/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.362 ;LONG 97.170 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 398
APPEARANCE CLEAR ;DISCHARGE(L/M) 120.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD TNK
WRT PRESSURE TANK FROM ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 SANGER TOPO, SAMPLE TAKEN FROM WELL NUMBER 4, CITY OF SANGER 15M NORTH OF WELL AT BASE OF STORAGE TANK WITH CHLORINATOR TURNED OFF; 1-25 FROM BOTTOM OF STORAGE TANK-WHILE PUMP WAS RUNNING BETWEEN PUMP AND TANK; 2-37 MAY CONTAIN SOME CHLORINE FROM MIXING; 1-78 CITY OF SANGER % BOX 578 % SANGER, TEXAS 76266;

012840 SAMPLE TYPE WELL WATER ;SITE 0495 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/01/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.314 ;LONG 97.064 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 910 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) + 8.7
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 498 ;P ALKALINITY(PPM) 50 ;M ALKALINITY(PPM) 506
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 40
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 153 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 158 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREEN VALLEY TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET NEAR SHED UNDER YARD LIGHT NE OF HOUSE 20M NORTH AND 30M WEST OF BRICK PUMPHOUSE, MASSEYS HOME;

012841 SAMPLE TYPE WELL WATER ;SITE 0496 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/01/03/78

AIR TEMP(C)+ 5.0 ;LAT 33.314 ;LONG 97.005 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 340 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 126 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 126
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREEN VALLEY TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PLASTIC HOSE 30M SOUTH OF PUMPHOUSE AT CATTLE BARN:

012842 SAMPLE TYPE WELL WATER ;SITE 0497 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/01/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.415 ;LONG 97.176 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 790 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 438 ;P ALKALINITY(PPM) 64 ;M ALKALINITY(PPM) 459
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 30M NORTH AND 25M WEST OF NW CNR OF HOUSE: I-60
MAY BE BAD CASING, SULPHER WATER: I-68 SOMETIMES YELLOW: I-78 HOMER COOKE % RT 2, BOX 244 % SANGER, TEXAS, 76266.:

012843 SAMPLE TYPE WELL WATER ;SITE 0498 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/03/78
AIR TEMP(C)+ 11.5 ;LAT 33.284 ;LONG 97.225 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 405 ;P ALKALINITY(PPM) 54 ;M ALKALINITY(PPM) 416
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 163 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 163 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE FROM PRESSURE TANK 40M NORTH OF NW CORNER OF ALVIN WILLIAMS HOME: I-78 ALVIN C. WILLIAMS % RT 1, BOX 160 % KRUM, TEXAS, 76249:

012844 SAMPLE TYPE WELL WATER ;SITE 0499 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.308 ;LONG 97.233 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 930 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 432 ;P ALKALINITY(PPM) 65 ;M ALKALINITY(PPM) 443
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 94 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 94 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM BENEATH WINDMILL AT WALTER SMITH HOME BETWEEN LARGE BARN AND HOUSE:

012845 SAMPLE TYPE WELL WATER ;SITE 0500 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/03/03/78
AIR TEMP(C)+ 28.0 ;LAT 33.449 ;LONG 97.180 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 970 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 470 ;P ALKALINITY(PPM) 62 ;M ALKALINITY(PPM) 490
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 152 ;CONFID. OF PROD DEPTH
SOURCE OF PROD. INFO ;WELL DEPTH(M) 152 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 SANGER TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WINDMILL 40M NORTH OF NW CNR OF KRUEGER HOME:

012846 SAMPLE TYPE WELL WATER ;SITE 0501 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/03/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.454 ;LONG 97.219 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1190 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 530 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 554
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 113 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 113 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WINDMILL TOWER 20M EAST OF SE CNR OF HOWARD SPRINGER HOME
FROM 75YR. OLD WELL: I-60 BAD CASING: I-27 HAS NOT PUMPED FOR 3 MONTHS, SAMPLED AFTER PUMPING 1:5 HOURS:

012847 SAMPLE TYPE WELL WATER ;SITE 0502 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/03/03/78
AIR TEMP(C)+ 10.0 ;LAT 33.473 ;LONG 97.115 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 7.0 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 494 ;P ALKALINITY(PPM) 74 ;M ALKALINITY(PPM) 520
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD SAMPLE TAKEN FROM BENEATH OLD WINDMILL TOWER 15M NORTH OF NE CNR OF TONY HACKER HOME: I-78 TONY HACKER % RT 1 BOX 54 % VALLEY VIEW % 76272 %

012849 SAMPLE TYPE WELL WATER ;SITE 0503 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/07/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.450 ;LONG 97.063 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1030 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +16.2
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 424 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 426
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM BUCKET WELL 20 M WEST OF G.S. MORROW HOME: I-20 ROCK AND CEMENT: I-21 NO PIPE, BUT GALVANIZED BUCKET USED:

012850 SAMPLE TYPE WELL WATER ;SITE 0504 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/07/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.472 ;LONG 97.002 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 290 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +14.5
VISIBILITY(M) CLEAR ;PH 6.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 75 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 74
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OUTSIDE OF WELL HOUSE 28 M EAST OF SE CNR. OF F.C. BLANKS HOME: I-20 PLASTIC CASING DOWN DUG WELL THROUGH ROCK:

012851 SAMPLE TYPE WELL WATER ;SITE 0505 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/07/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.418 ;LONG 97.012 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1800 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +13.2
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 640 ;P ALKALINITY(PPM) 33 ;M ALKALINITY(PPM) 640
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 38 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 38 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN AT WELL HOUSE NEXT TO WINDMILL 25M WEST OF S.W. CNR OF HOUSE: I-78 G.S. SHIPLEY % RT.2 PILOT POINT 76258%: I-68 SOMETIMES MILKY:

012852 SAMPLE TYPE WELL WATER ;SITE 0506 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/07/03/78

AIR TEMP(C)+ 6.0 ;LAT 33.402 ;LONG 97.061 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 2.6 ;WATER TEMP(C) +16.1
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 525 ;P ALKALINITY(PPM) 65 ;M ALKALINITY(PPM) 522
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 214 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 214 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HOSE BEHIND PUMPHOUSE 40M WEST OF NW CNR. OF VICK'S HOME:

012853 SAMPLE TYPE WELL WATER ;SITE 0507 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/07/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.409 ;LONG 97.122 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 10.5 ;WATER TEMP(C) +10.3
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 475 ;P ALKALINITY(PPM) 22 ;M ALKALINITY(PPM) 470
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 104 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 104 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OUTSIDE PUMPHOUSE 20M EAST OF NE CNR. OF HOUSE, FRED AMYX HOME: I-60 WELL GOING DRY, SOMETIMES DRAWS SAND:

012854 SAMPLE TYPE WELL WATER ;SITE 0508 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/08/03/78
AIR TEMP(C)+ 3.5 ;LAT 33.340 ;LONG 97.121 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 1190 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 340 ;P ALKALINITY(PPM) 10 ;M ALKALINITY(PPM) 338
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 245 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 245 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREEN VALLEY TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM GREEN SPRINGS WATER COOP FROM HYDRANT IN PUMPHOUSE: I-60 & I-37 CHLORINATED MUNICIPAL WATER:

012855 SAMPLE TYPE WELL WATER ;SITE 0509 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/08/03/78
AIR TEMP(C)+ 4.0 ;LAT 33.273 ;LONG 97.128 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +11.1
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 326 ;P ALKALINITY(PPM) 16 ;M ALKALINITY(PPM) 314

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 60
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 328 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 328 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREEN VALLEY TOPO, SHERMAN QUAD, PARK VILLAGE MOBILE HOME PARK. SAMPLE TAKEN FROM FAUCET 60M NE OF STORAGE TANKS
LOT # 84, 2 WELLS OF SAME DEPTH AT SITE: 1-60, 1-37 CHLORINATED MUNICIPAL WATER:

012856 SAMPLE TYPE WELL WATER ;SITE 0510 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.270 ;LONG 97.060 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 540 ;DISSOLVED OXYGEN(PPM) 9.0 ;WATER TEMP(C) +14.9
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 314
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREEN VALLEY TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET ON NE CNR. OUTSIDE OF HOUSE 30M SW OF PUMPHOUSE, PAT YORK HOME:

012857 SAMPLE TYPE WELL WATER ;SITE 0511 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/08/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.318 ;LONG 97.125 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 6.8 ;WATER TEMP(C) +11.6
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 470 ;P ALKALINITY(PPM) 38 ;M ALKALINITY(PPM) 482
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 13
WRT PRESSURE TANK ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 214 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 214 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREEN VALLEY TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET EAST SIDE OF HOUSE OUTSIDE 15M NORTH OF WELL AND 8M WEST OF WELL, MADEWELL HOME:

012858 SAMPLE TYPE WELL WATER ;SITE 0512 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/09/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.225 ;LONG 97.725 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1260 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +14.3
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 514 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 522
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 18
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

I-38 BRIDGEPORT EAST TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT ON WEST SIDE OF HOME OUTSIDE, AND WELL IS LOCATED 16M WEST OF SW CORNER OF WINDELL REED HOME:

012859 SAMPLE TYPE WELL WATER ;SITE 0513 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/09/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.178 ;LONG 97.722 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 480 ;DISSOLVED OXYGEN(PPM) 2.6 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 250
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK FROM ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 35 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT EAST TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE OFF PRESSURE TANK 6M SOUTH OF SW CNR. OF GEORGE BURRES HOME: I-26 FROM PRESSURE TANK:

012860 SAMPLE TYPE WELL WATER ;SITE 0514 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/09/03/78
AIR TEMP(C)+ 13.5 ;LAT 33.178 ;LONG 97.683 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 298
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT EAST TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OUTSIDE 4M SOUTH OF SOUTH SIDE OF HOUSE AND 16M NORTH OF WELL HOUSE AT HAROLD REMMELE HOME:

012861 SAMPLE TYPE WELL WATER ;SITE 0515 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/09/03/78
AIR TEMP(C)+ 14.0 ;LAT 33.135 ;LONG 97.728 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 590 ;DISSOLVED OXYGEN(PPM) 8.8 ;WATER TEMP(C) +12.6
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 330 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 332
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT EAST TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PUMP IN BARN, MAIN HOUSE WELL AT GEORGE BEESON HOME, 3.5 MILES SW OF PARADISE ON DRACO ROAD: I-78 GEORGE BEESON % RT.1 BOX 116 % PARADISE, TEXAS, 76073%:

012862 SAMPLE TYPE WELL WATER ;SITE 0516 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/10/03/78

AIR TEMP(C)+ 10.0 ;LAT 33.131 ;LONG 97.676 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 790 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +15.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 380 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 412
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRIDGEPORT EAST TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTSIDE HYDRANT 3M SOUTH OF WELL AND 6M NW OF NW CNR.
OF HOUSE AT H.M. BROWN HOME: I-78 H.M. BROWN % RT.1, BOX 15A % PARADISE, TX 76073:

012863 SAMPLE TYPE WELL WATER ;SITE 0517 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/10/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.094 ;LONG 97.677 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 840 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +15.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 410
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS;
I-38 COTTONDALE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE 20M E OF SE CNR OF PHIL HAYNES HOME:

012864 SAMPLE TYPE WELL WATER ;SITE 0518 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/10/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.085 ;LONG 97.613 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1140 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +13.8
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 405 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 396
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 BOYD TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE AT HOG FARM NEAR OLD TANKER TRAILERS, LEONARD RATLIFF PROPERTY,
120 M, EAST OF KENNETH MORROW TRAILER:

012865 SAMPLE TYPE WELL WATER ;SITE 0519 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/10/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.090 ;LONG 97.555 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 590 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) + 9.2
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 345 ;P ALKALINITY(PPM) 19 ;M ALKALINITY(PPM) 348

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. STEEL ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 59 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BOYD TOPO, SHERMAN QUAD, SAMPLE TAKEN OUTSIDE AT PUMPHOUSE EAST OF TED ZORNX HOME:

012866 SAMPLE TYPE WELL WATER ;SITE 0520 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/10/03/78
AIR TEMP(C)+ 15.0 ;LAT 33.134 ;LONG 97.560 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +13.0
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 326 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 322
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 146 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 146 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DECATUR TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT OVER CEMENT BASIN 4 M NW OF WELL BETWEEN HOUSE AND BARN
AT MARVIN RICH HOME, MACKEY PROPERTY:

012867 SAMPLE TYPE WELL WATER ;SITE 0521 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/10/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.138 ;LONG 97.623 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1190 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 346 ;P ALKALINITY(PPM) 21 ;M ALKALINITY(PPM) 344
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD 25
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 67 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 67 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DECATUR TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT NORTH SIDE OF HOUSE OUTSIDE 22 M NORTH OF WELL HOUSE: 3-21
PLASTIC, AND BRASS FAUCET:

012868 SAMPLE TYPE WELL WATER ;SITE 0522 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/10/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.183 ;LONG 97.616 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 840 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +10.5
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 319 ;P ALKALINITY(PPM) 44 ;M ALKALINITY(PPM) 314
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 DECATUR TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT AT NE CNR. OF FLOYD HAYNES HOME OUTSIDE 16 M WEST OF WELL:

012870 SAMPLE TYPE WELL WATER ;SITE 0523 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/10/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.187 ;LONG 97.569 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 560 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) + 8.4
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 255 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 261
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 DECATUR TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTSIDE HYDRANT 6 M SW OF PRESSURE TANK AND 10 M NW OF WELL COVER AT BOB O. WALKER HOME:

012871 SAMPLE TYPE WELL WATER ;SITE 0524 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/14/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.093 ;LONG 97.745 ;UNIT CODE LKTM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1150 ;DISSOLVED OXYGEN(PPM) 7.3 ;WATER TEMP(C) +13.8
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 390 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 410
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE UNKNOWN ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 40
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 COTTONDALE TOPO,SHERMAN QUAD, SAMPLE TAKEN FROM KITCHEN SINK MRS. LUCILLE CHAPMAN HOME, AGE OF LUCILLE 93 YRS:

012872 SAMPLE TYPE WELL WATER ;SITE 0525 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/14/03/78
AIR TEMP(C)+ 14.0 ;LAT 33.058 ;LONG 97.709 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1170 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 385 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 372
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 37 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 37 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SAMPLE TAKEN FROM STOCK WELL BENEATH TOWER 50 M WEST OF BEN BANKS HOME: 1-78 BEN B BANKS % R.RT.1 BOX 66 % PARADISE,TX 76073; 2-68 TASTES OF SULPHUR IRON:

012873 SAMPLE TYPE WELL WATER ;SITE 0526 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/14/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.042 ;LONG 97.667 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1270 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 374 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 344
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 76 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 76 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 COTTONDALE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OUTSIDE ON SOUTH SIDE OF B.N. KIRK HOME:

012874 SAMPLE TYPE WELL WATER ;SITE 0527 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/14/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.039 ;LONG 97.609 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 980 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 412 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 420
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. COPPER ;METERS FROM HEAD 23
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BOYD TOPO, SHERMAN QUAD, SAMPLE FROM OUTSIDE HYDRANT ALONG EAST SIDE OF HOUSE 20 M S AND 12 M E OF HYDRANT IS
WELL: I-78 C.H. HALE % RT. 1, BOX 139AA % BOYD, TX 76023:

012875 SAMPLE TYPE WELL WATER ;SITE 0528 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/14/03/78
AIR TEMP(C)+ 22.5 ;LAT 33.043 ;LONG 97.561 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1610 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +16.1
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 22 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD
WRT PRESSURE TANK ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 55 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BOYD TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTSIDE HYDRANT WEST SIDE OF HOUSE, WELL LOCATED 20 M EAST OF SE
CNR. OF CARL COLFELT HOME: 3-21 COPPER, PLASTIC, GALVANIZED STEEL:

012876 SAMPLE TYPE WELL WATER ;SITE 0529 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/14/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.043 ;LONG 97.509 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 750 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 320 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 324
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 8

WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 98 ;CONFID. OF PROD DEPTH PROBABL
E
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 98 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS: 01
I-38 BOYD TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OUTSIDE ON NORTH SIDE OF HOUSE, WELL LOCATED 7 M NORTH AND
5 M WEST OF NE CNR. OF JIM SUDDUTH HOME:

012877 SAMPLE TYPE WELL WATER ;SITE 0530 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/03/78
AIR TEMP(C)+ 14.5 ;LAT 33.150 ;LONG 97.509 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1890 ;DISSOLVED OXYGEN(PPM) 4.0 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 284 ;P ALKALINITY(PPM) 10 ;M ALKALINITY(PPM) 294 01
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 214 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 214 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DECATUR TOPO, SHERMAN QUAD SAMPLE TAKEN FROM OUTSIDE HYDRANT SW SIDE OF HOUSE AT PUMPHOUSE, WELL LOCATED 5 M
WEST OF SW CNR. OF HOUSE:

012878 SAMPLE TYPE WELL WATER ;SITE 0531 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/15/03/78
AIR TEMP(C)+ 14.5 ;LAT 33.086 ;LONG 97.513 ;UNIT CODE LKTP ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE 01
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1350 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +16.2
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 399 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 396
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER 01
REMARKS:
I-38 BOYD TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT ON EAST SIDE OF HOUSE AT SE CNR. AT E.B. MORELAND HOME:

012879 SAMPLE TYPE WELL WATER ;SITE 0532 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/15/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.191 ;LONG 97.533 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 550 ;DISSOLVED OXYGEN(PPM) 8.7 ;WATER TEMP(C) +10.4
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 380 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 372 01
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 40
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DECATUR TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM NEW WELL BENEATH WATER TANK FOR OLD WELL 40 M S AND 10 M EAST
OF SMALL WELLHOUSE AT CLIFFORD E. REED HOME:

012881 SAMPLE TYPE WELL WATER ;SITE 0533 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/03/78
AIR TEMP(C)+ 14.0 ;LAT 33.276 ;LONG 97.620 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 432 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 423
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 8
WRT PRESSURE TANK ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PECAN CREEK TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT 8 M NORTH OF BRICK PUMPHOUSE 45 M WEST OF RANSOM HOME NEAR OLDER HOUSE:

012882 SAMPLE TYPE WELL WATER ;SITE 0534 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/15/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.320 ;LONG 97.675 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1120 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +17.7
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 520 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 505
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 ALVORD TOPO, SHERMAN QUAD, SAMPLE TAKE FROM HYDRANT 5 M EAST OF PUMPHOUSE 20 M NORTH OF LARGER HOUSE AT H.E. SMITH HOME:

012883 SAMPLE TYPE WELL WATER ;SITE 0535 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/03/78
AIR TEMP(C)+ 12.5 ;LAT 33.313 ;LONG 97.606 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) +18.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 254 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 264
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PECAN CREEK TOPO, SHERMAN QUAD SAMPLE TAKEN FROM WELL HOUSE 25 M NORTH OF NW CNR. OF W.C. TRAIL HOME:

012884 SAMPLE TYPE WELL WATER ;SITE 0536 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/16/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.361 ;LONG 97.682 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 4.0 ;WATER TEMP(C) +14.3
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 230
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ALVORD TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE OFF PRESSURE TANK 100 M EAST OF SE CNR. OF EDNA M. VEACH HOME: I-25 TOOK WATER FROM LEAKING VOLUME CONTROL OFF PRESSURE TANK:

012885 SAMPLE TYPE WELL WATER ;SITE 0537 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.304 ;LONG 97.733 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR --CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1830 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +12.7
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 326 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 310
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ALVORD TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT AT DUG WELL 20 M NE OF DENNEY HOME:

012887 SAMPLE TYPE STREAM SEDIMENT ;SITE 0550 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/31/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.568 ;LONG 96.172 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS URBAN ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.25
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BONHAM 15 MIN TOPO, SHERMAN QUAD. SAMPLE TAKEN OVER 15 M INTERVAL GOING UPSTREAM STARTING 35 M UPSTREAM OF BRIDGE, FROM CENTER OF STREAM:

012889 SAMPLE TYPE STREAM SEDIMENT ;SITE 0552 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/31/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.618 ;LONG 96.151 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD SAMPLE TAKEN OVER 15 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 10 M UPSTREAM OF CONCRETE DRIVEOVER NORTH OF GIBB HOME WHERE N-S FENCE LINE CROSSES STREAM TAKING FARM ROAD ALL THE WAY FROM MAIN ROAD APROX 3/4 MILE OR 1/4 MILE PAST BARN:

012891 SAMPLE TYPE STREAM SEDIMENT ;SITE 0573 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.750 ;LONG 96.198 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 25 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M UPSTREAM OF WHERE BRIDGE ONCE STOOD, GOOD SAMPLE:

012892 SAMPLE TYPE STREAM SEDIMENT ;SITE 0574 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.747 ;LONG 96.181 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 BONHAM TOPO, SHERMAN QUAD SAMPLE TAKEN OVER 20 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M UPSTREAM OF WHERE BRIDGE ONCE WAS, GOOD SAMPLE:

012893 SAMPLE TYPE STREAM SEDIMENT ;SITE 0575 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.732 ;LONG 96.239 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20 M INTERVAL GOING UPSTREAM STARTING 20 M UPSTREAM OF BRIDGE, TAKEN FROM CENTER OF STREAM, GOOD SAMPLE:

012894 SAMPLE TYPE STREAM SEDIMENT ;SITE 0576 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.801 ;LONG 96.149 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 41 M INTERVAL GOING UPSTREAM STARTING 58 M UPSTREAM OF BRIDGE OR DRAIN PIPE TAKING SAMPLE FROM CENTER OF DRY STREAM VALLEY:

012896 SAMPLE TYPE STREAM SEDIMENT ;SITE 0577 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/04/78
AIR TEMP(C)+ 31.0 ;LAT 33.810 ;LONG 96.111 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 100 M DOWNSTREAM OF BRIDGE: I-76 #1-54 SOME MEDIUM GRAINED ORANGE RED SEDIMENT, LESS THAN 10 PERCENT:

012897 SAMPLE TYPE STREAM SEDIMENT ;SITE 0578 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/04/78
AIR TEMP(C)+ 31.0 ;LAT 33.825 ;LONG 96.056 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:

1-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 25 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 50 M WEST AND 80 M NORTH OF OLD FIREPLACE OR SMOKESTACK BRICKS OF HOUSE RUINS AT END OF ROAD, SAMPLE WAS ALSO TAKEN ALONG DARK GRAY SHALE OUTCROP ON SOUTH BANK, GOOD SAMPLE:

012898 SAMPLE TYPE WELL WATER ;SITE 0580 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/10/04/78
AIR TEMP(C)+ 15.5 ;LAT 33.780 ;LONG 96.121 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3040 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 892 ;P ALKALINITY(PPM) 61 ;M ALKALINITY(PPM) 844
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 95
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 153 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 153 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTSIDE HYDRANT MIDDLE NORTH SIDE OF TONY NICHOLS HOME. WELL LOCATED 20M WEST AND 85M NORTH ACROSS ROAD FROM NW CNR OF HOUSE:

012899 SAMPLE TYPE WELL WATER ;SITE 0581 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/10/04/78
AIR TEMP(C)+ 14.5 ;LAT 33.776 ;LONG 96.053 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 106 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 104
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 21 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS;
1-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 25M EAST OF NE CNR OF SIMON BOUGH HOME:

012900 SAMPLE TYPE WELL WATER ;SITE 0582 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/10/04/78
AIR TEMP(C)+ 14.0 ;LAT 33.697 ;LONG 96.169 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1360 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 22 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 22 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
1-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 30M NORTH FROM NE CORNER OF FOGLE HOME: 1-78 TIM B.
FOGLE & RT 1 & RAVENNA, TX, 75476;

012901 SAMPLE TYPE WELL WATER ;SITE 0583 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/10/04/78
AIR TEMP(C)+ 12.0 ;LAT 33.555 ;LONG 96.219 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1680 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 285 ;P ALKALINITY(PPM) 44 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 79 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 79 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTSIDE HYDRANT 8M WEST OF WELL HOUSE WHICH IS LOCATED 18M EAST
OF SE CNR OF A. B. MOSS HOME:

012902 SAMPLE TYPE WELL WATER ;SITE 0584 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/11/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.511 ;LONG 96.235 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +20.1
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 246 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 250
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 290
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BONHAM TOPO, SHERMAN QUAD. SAMPLE TAKEN FROM HYDRANT OUTSIDE ON SOUTH SIDE OF B. R. EDWARDS HOME, WELL LOCATED
300M SW OF HOME, MAY BE SPRING, WATER COMING FROM HARD ROCK WHERE SMALL HOLE ALLOWS FLOW: 1-78 B. R. EDWARDS % RT
1, BOX 102 % BONHAM TX 75418: 3-21 COPPER AND GALVANIZED:

012903 SAMPLE TYPE WELL WATER ;SITE 0585 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/11/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.506 ;LONG 96.165 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 610 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 275
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 56
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 14 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BONHAM TOPO, SHERMAN QUAD SAMPLE TAKEN AT HYDRANT NE SIDE OF HIGGENS HOME, WELL LOCATED 60M WEST OF HOUSE ACROSS
CREEK: 3-20 BRICK: 3-21 PLASTIC AND GALVANIZED:

012904 SAMPLE TYPE WELL WATER ;SITE 0586 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/11/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.556 ;LONG 96.175 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 946 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 950
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. OTHER ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 100 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 100 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT SO CALLED DEEPWELL, NOT OPERABLE, TAKEN FROM TOP OF CASING WHERE WATER OVERFLOWING SLOWLY, LOCATED ACROSS FARM ROAD FROM MOBIL STATION, INQUIRE AT STATION: 3-39 NEIGHBOR, MOBIL GAS STATION: I-60 CASING ALL OPEN AND RUSTED ON TOP INSIDE WHERE SAMPLED: 3-19 PUMP NOT OPERABLE: 2-44 COULD NOT DETERMINE ACCURATELY FROM OPEN TOP OF WELL CASING, NO WAY TO REMOVE SAMPLE FOR HORIBA:

012905 SAMPLE TYPE WELL WATER ;SITE 0587 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.509 ;LONG 96.120 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2100 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +32.3
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 50 ;M ALKALINITY(PPM) 418
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 518 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 518 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT BARTLEY WOODS WATER SUPPLY CORP, HYDRANT BEFORE CHLORINATION: 2-68 LEAVES PRECIPITATE ON FLOOR, EATS STEEL: I-78 L. D. SHEPHERD % BONHAM TX % BOX 232, RT I % 754810:

012906 SAMPLE TYPE WELL WATER ;SITE 0588 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.498 ;LONG 96.058 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 510 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +13.2
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 194 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 196
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL 28M EAST AND 11 METERS S FROM SE CNR OF RUTH HOLLIDAY HOME, SAMPLE TAKEN FROM THIS WELL RATHER THAN OTHER WELL ON WEST SIDE BECAUSE WELL ON EAST SIDE NEVER DRYS UP OR SEAPS IN: 3-21 #3-20 BRICK:

012907 SAMPLE TYPE WELL WATER ;SITE 0589 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/11/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.556 ;LONG 96.066 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 9.4 ;WATER TEMP(C) +15.2
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 175 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 175

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT WELL WITH PLASTIC BUCKET, WELL LOCATED 25M NORTH OF NE CNR OF HOUSE,
STEVE JONES HOME: 3-21 #3-20 BRICK CASING WITH STEEL PIPE SET DOWN INTO WELL:

012908 SAMPLE TYPE WELL WATER SITE 0590 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/12/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.637 ;LONG 96.054 ;UNIT CODE UKAC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 420 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 5.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 33 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 30
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL 140M NORTH OF NE CNR OF KISER HOME, USING PLASTIC BUCKET:
2-68 IRON AND SULPHUR TASTE: 3-20 #3-21 HAS STEEL PIPE INTO DUG WELL BUT SAMPLED FROM PLASTIC BUCKET:

012909 SAMPLE TYPE WELL WATER ;SITE 0591 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/12/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.575 ;LONG 96.135 ;UNIT CODE UKAB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1590 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +27.2
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 342 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 336
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 427 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 427 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT NEAREST PUMP HOUSE DOOR AFTER CHLORINATER AT BROTHERTON WATER
SUPPLY CORP, SEE BILL LACKEY: I-60 CHLORINATED:

012910 SAMPLE TYPE WELL WATER ;SITE 0592 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/12/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.556 ;LONG 96.108 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 630 ;DISSOLVED OXYGEN(PPM) 8.3 ;WATER TEMP(C) +15.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 284
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 60
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

I-38 BONHAM TEXAS, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT SOUTH SIDE OF HAY BARN, WARREN BLACK RANCH, WELL LOCATED 60M SOUTH OF BARN ACROSS FARM ROAD: I-78 WARREN R BLACK % RT 1, ALLEN TX % 75002: 3-20 TILE CASING:

012912 SAMPLE TYPE WELL WATER ;SITE 0593 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/12/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.702 ;LONG 96.106 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 1830 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 490 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 510
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 87 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 87 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE 20M NORTH OF NE CNR OF MONTGOMERY HOME AT HYDRANT AFTER FILTER: I-78 H. F. MONTGOMERY % RT 1, BOX 154 % IVANHOE, TX 75447: 2-68 TASTES OF SULPHUR AND IRON:

012913 SAMPLE TYPE WELL WATER ;SITE 0594 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/12/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.697 ;LONG 96.044 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 760 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 6.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 100 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 100
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS;
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OFF WELL NE CNR OF OLD HOMESTEAD, THOMAS A WALKER FARM:

012914 SAMPLE TYPE WELL WATER ;SITE 0595 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/12/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.610 ;LONG 96.056 ;UNIT CODE UKAB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1880 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +29.2
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 365 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 360
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 442 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 442 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT PAST CHLORINATER, AT LANIUS WATER SUPPLY CORP, RONNIE KNIGHT:
I-78 RONNIE KNIGHT % RT 1, DODD CITY % 75418:

012916 SAMPLE TYPE STREAM SEDIMENT ;SITE 0596 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/13/04/78
AIR TEMP(C)+ 19.5 ;LAT 33.541 ;LONG 96.193 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 10M UPSTREAM OF BRIDGE:

012917 SAMPLE TYPE STREAM SEDIMENT ;SITE 0597 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/13/04/78
AIR TEMP(C)+ 19.5 ;LAT 33.521 ;LONG 96.194 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 48M INTERVAL STARTING 15M UPSTREAM OF BRIDGE, SAMPLED FROM CENTER OF STREAM, SOME OLD TIRES AND SOME METAL DEBRIS IN STREAM:

012918 SAMPLE TYPE STREAM SEDIMENT ;SITE 0596 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/13/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.501 ;LONG 96.204 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 42M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 25M UPSTREAM OF BRIDGE, GOOD SAMPLE:

012919 SAMPLE TYPE STREAM SEDIMENT ;SITE 0599 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.528 ;LONG 96.169 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 30M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM, STARTING 20M UPSTREAM OF BRIDGE, METAL GARBAGE IN STREAM:

012920 SAMPLE TYPE STREAM SEDIMENT ;SITE 0600 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/13/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.592 ;LONG 96.123 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 7.50 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD. SAMPLE TAKEN OVER 26M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE:

012921 SAMPLE TYPE STREAM SEDIMENT ;SITE 0601 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/13/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.624 ;LONG 96.108 ;UNIT CODE UKAB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.10

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 26M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M UPSTREAM OF BRIDGE, GOOD SAMPLE:

012922 SAMPLE TYPE STREAM SEDIMENT ;SITE 0602 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/13/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.639 ;LONG 96.076 ;UNIT CODE UKAC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M SOUTH OF E-W FENCE WHICH WAS FOLLOWED 380M EAST FROM ROAD AT GATE ACROSS ROAD 70M SOUTH OF OLD HOUSE:

012923 SAMPLE TYPE STREAM SEDIMENT ;SITE 0603 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/13/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.624 ;LONG 96.041 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 28M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE:

012924 SAMPLE TYPE STREAM SEDIMENT ;SITE 0604 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/13/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.643 ;LONG 96.029 ;UNIT CODE UKAB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE:

012925 SAMPLE TYPE STREAM SEDIMENT ;SITE 0605 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/13/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.658 ;LONG 96.125 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIA. %
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 25M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M UPSTREAM OF BRIDGE, GOOD SAMPLE:

012926 SAMPLE TYPE STREAM SEDIMENT ;SITE 0606 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/14/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.664 ;LONG 96.084 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR D- -GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 60M UPSTREAM OF OLD ROAD, LOTS OF DEAD LEAVES WITH CLAY UNDERNEATH, DIFFICULT SAMPLE: I-78 ORGANIC, ROTTING:

012927 SAMPLE TYPE STREAM SEDIMENT ;SITE 0607 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/14/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.659 ;LONG 96.049 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF ;ENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 5M UPSTREAM OF BRIDGE, HOGS UPSTREAM:

012928 SAMPLE TYPE STREAM SEDIMENT ;SITE 0608 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/14/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.744 ;LONG 96.036 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ,RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 0%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M. INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 50M. UPSTREAM OF BRIDGE:

012929 SAMPLE TYPE STREAM SEDIMENT ;SITE 0609 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/14/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.747 ;LONG 96.020 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 5M UPSTREAM OF FORK, GOOD SAMPLE:

012930 SAMPLE TYPE STREAM SEDIMENT ;SITE 0610 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/14/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.832 ;LONG 96.007 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS;
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 50M DUE SOUTH OF SE CNR OF OLD BARN AT ROAD ON SOUTH SIDE OF ROAD, ALSO STARTING AT WATER LEVEL GAUGE:

012931 SAMPLE TYPE WELL WATER ;SITE 0611 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/14/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.838 ;LONG 96.043 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 920 ;DISSOLVED OXYGEN(PPM) 7.0 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 64 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 64
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT AT WELL 5M NORTH OF POOL:

012932 SAMPLE TYPE STREAM SEDIMENT ;SITE 0612 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/14/04/78 01
AIR TEMP(C)+ 26.0 ;LAT 33.828 ;LONG 96.077 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR D-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD. SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 50M
UPSTREAM OF OLD ROAD AND DRAIN PIPES:

012934 SAMPLE TYPE WELL WATER ;SITE 0613 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/14/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.747 ;LONG 96.118 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 930 ;DISSOLVED OXYGEN(PPM) 8.7 ;WATER TEMP(C) +21.9 01
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 310
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 16 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 16 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT FAUCET IN PUMPHOUSE AT SW CNR OF HOUSE WEST OF TRAILER AT BILLY MIZE
HOME; I-60 #I-68 AFFECTED BY SURFACE WATER, SMELLS FUNNY SOMETIMES:

012935 SAMPLE TYPE WELL WATER ;SITE 0614 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/14/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.740 ;LONG 96.034 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +20.0 01
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 130 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 130
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 19 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 19 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT AT WELL 30M E OF SE CORNER OF BOB BUTLER HOME: 3-21 COPPER
TUBING:

012936 SAMPLE TYPE WELL WATER ;SITE 0615 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/04/78

AIR TEMP(C)+ 27.0 ;LAT 33.735 ;LONG 96.220 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 39 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 36
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE 01

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD SAMPLE TAKEN FROM PUMPHOUSE HYDRANT 10M NORTH OF NW CNR OF DAVIDSON HOME:

012937 SAMPLE TYPE WELL WATER ;SITE 0616 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/17/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.700 ;LONG 96.233 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 590 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 98 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 96
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE 01

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PUMPHOUSE FOR STOCK WELL NOT HOUSE WATER, WELL LOCATED 20M SOUTH OF SE CNR OF RANCHOUSE, SANDY CREEK RANCH:

012938 SAMPLE TYPE WELL WATER ;SITE 0617 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/17/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.642 ;LONG 96.211 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1790 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +26.0
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 380 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 365
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 17
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 168 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 168 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD RAVENNA AND NUNNELEE WATER SUPPLY CORP, WATER PLANT TWO, SAMPLED AFTER CHLORINATER:
I-60 CHLORINATED:

012939 SAMPLE TYPE WELL WATER ;SITE 0618 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/17/04/78 01
AIR TEMP(C)+ 27.0 ;LAT 33.652 ;LONG 96.178 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2020 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +27.9
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 470 ;P ALKALINITY(PPM) 22 ;M ALKALINITY(PPM) 465

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 358 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 358 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO SHERMAN QUAD, SAMPLE TAKEN AT WHITE SHED WATER SUPPLY CORP, WELL NUMBER TWO, BEFORE CHLORINATER:

012940 SAMPLE TYPE WELL WATER ;SITE 0619 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/17/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.596 ;LONG 96.231 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1720 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +21.6
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 672 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 684
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 192 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 192 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONHAM TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PRESSURE TANK 35M SOUTH OF ROGER MOORE HOME: I-78 ROGER MOORE % RT 3, BOX 276A % BONHAM, TX, 75418:

012941 SAMPLE TYPE STREAM SEDIMENT ;SITE 0620 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.290 ;LONG 96.398 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 5M UPSTREAM OF BARB FENCE OR 20M UPSTREAM OF BRIDGE:

012942 SAMPLE TYPE STREAM SEDIMENT ;SITE 0621 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.265 ;LONG 96.344 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM CENTER OF STREAM GOING UPSTREAM STARTING AT FORK IN RIVER, OVER AN 8M INTERVAL:

012943 SAMPLE TYPE STREAM SEDIMENT ;SITE 0622 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.265 ;LONG 96.343 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 12M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 11M UPSTREAM

OF FORK:

012944 SAMPLE TYPE STREAM SEDIMENT ;SITE 0623 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.255 ;LONG 96.344 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM CENTER OF STREAM VALLEY GOING UPSTREAM STARTING 5M UPSTREAM OF WHERE BARB FENCE CROSSES STREAM 160M DUE EAST OF OLD FARM HOUSE:

012945 SAMPLE TYPE STREAM SEDIMENT ;SITE 0624 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 00/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.270 ;LONG 96.317 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM CENTER OF STREAM GOING UPSTREAM STARTING 10M UPSTREAM OF BRIDGE OVER A 20M INTERVAL:

012946 SAMPLE TYPE STREAM SEDIMENT ;SITE 0625 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.282 ;LONG 96.295 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM VALLEY STARTING 20M DOWNSTREAM OF CROSSOVER OF OLD FARM PATH OR DUE SOUTH OF BARN:

012947 SAMPLE TYPE STREAM SEDIMENT ;SITE 0626 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.298 ;LONG 96.269 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.25 ;WATER DEPTH(M) 0.05
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR D- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM VALLEY STARTING 20M UPSTREAM OF BRIDGE OR AT BARB FENCE:

012948 SAMPLE TYPE STREAM SEDIMENT ;SITE 0627 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.304 ;LONG 96.278 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 10M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 10M UPSTREAM OF BRIDGE:

012949 SAMPLE TYPE STREAM SEDIMENT ;SITE 0628 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.302 ;LONG 96.298 ;UNIT CODE UK02 ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE:

012951 SAMPLE TYPE STREAM SEDIMENT ;SITE 0629 ;MAP N11409 ;SAMPLER TWS ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.338 ;LONG 96.419 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 1.00
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 0%
REMARKS:
I-38 BLUE RIDGE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 8M INTERVAL GOING UPSTREAM FROM WEST BANK USING SCOOP ON POLE STARTING 5M UPSTREAM OF BRIDGE:

012952 SAMPLE TYPE STREAM SEDIMENT ;SITE 0630 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.422 ;LONG 96.425 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE, GOOD SAMPLE:

012953 SAMPLE TYPE STREAM SEDIMENT ;SITE 0631 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/19/04/78
AIR TEMP(C)+ 16.5 ;LAT 33.445 ;LONG 96.457 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M UPSTREAM OF BRIDGE:

012954 SAMPLE TYPE STREAM SEDIMENT ;SITE 0632 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 16.5 ;LAT 33.448 ;LONG 96.449 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M UPSTREAM OF BRIDGE:

012955 SAMPLE TYPE STREAM SEDIMENT ;SITE 0633 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78

AIR TEMP(C)+ 16.5 ;LAT 33.448 ;LONG 96.448 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M- -GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING
10M UPSTREAM OF BRIDGE: I-77 DEAD OGANIC:

012956 SAMPLE TYPE STREAM SEDIMENT ;SITE 0634 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 16.5 ;LAT 33.443 ;LONG 96.439 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 PILOT GROVE, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M
UPSTREAM OF BRIDGE:

012957 SAMPLE TYPE STREAM SEDIMENT ;SITE 0635 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/19/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.459 ;LONG 96.280 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 32 M GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M UPSTREAM
OF BRIDGE:

012958 SAMPLE TYPE STREAM SEDIMENT ;SITE 0636 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/19/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.467 ;LONG 96.277 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M
UPSTREAM OF BRIDGE:

012959 SAMPLE TYPE STREAM SEDIMENT ;SITE 0637 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/19/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.473 ;LONG 96.281 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING UPSTREAM
10M OF FARM AND CATTLE CROSSING 125M WEST OF OLD FARMHOUSE:

012960 SAMPLE TYPE STREAM SEDIMENT ;SITE 0638 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.495 ;LONG 96.320 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.80

WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR M- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 15M
UPSTREAM OF BRIDGE:

012961 SAMPLE TYPE STREAM SEDIMENT ;SITE 0639 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.497 ;LONG 96.327 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M
UPSTREAM OF BRIDGE:

012962 SAMPLE TYPE STREAM SEDIMENT ;SITE 0640 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.497 ;LONG 96.346 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 6 ;ORGANIC MATERIAL %
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15M INTERVAL GOING UPSTREAM STARTING 15M UPSTREAM OF BRIDGE:

012963 SAMPLE TYPE STREAM SEDIMENT ;SITE 0641 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/19/04/78
AIR TEMP(C)+ 2.4 ;LAT 33.487 ;LONG 96.333 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 1.00
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 BLUE RIDGE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 30M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M
WEST OF ROAD WHERE ROAD FIRST BEGINS TO TURN EAST OR WHERE FENCELINE RUNS ABOVE STREAM AND PARALLEL:

012965 SAMPLE TYPE WELL WATER ;SITE 0642 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/21/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.277 ;LONG 96.426 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1010 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +32.1
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) 14 ;M ALKALINITY(PPM) 310
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS, ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 549 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD INFO GEOL. INFERENCE ;WELL DEPTH(M) 549 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BLUE RIDGE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM LARGE HYDRANT UNDER WELL COVER AT WELL HEAD, VERONA WATER SUPPLY:

012966 SAMPLE TYPE WELL WATER ;SITE 0643 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/21/04/78
AIR TEMP(C)+ 2.7 ;LAT 33.310 ;LONG 96.443 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 710 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 305 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 320
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 BLUE RIDGE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL ABANDONED 45M EAST OF OLD FARMHOUSE, USED PLASTIC
BUCKET: I-60 UNCOVERED DUG WELL: 3-20 #3-21 BRICK

012967 SAMPLE TYPE WELL WATER ;SITE 0644 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/21/04/78
AIR TEMP(C)+ 2.7 ;LAT 33.362 ;LONG 96.465 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +23.6
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 210 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 200
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK FROM ;USE IRRIGATION ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 17 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 17 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BLUE RIDGE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PRESURE TANK 15M NORTH OF ROAD AT BEN F. COEELING, GARDEN, RUNS
GROCERY STORE; I-78 BEN F. COELING %GENERAL ELIERY % WEST MINISTER TX, 75096;

012968 SAMPLE TYPE WELL WATER ;SITE 0645 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.417 ;LONG 96.460 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 395 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 395
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL NORTH SIDE OF SCOTT HINES HOME: 3-21 # 3-20 BRICK

012969 SAMPLE TYPE WELL WATER ;SITE 0646 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/04/78
AIR TEMP(C)+ 2.3 ;LAT 33.462 ;LONG 96.454 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +10.3
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 260 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 250
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT OLD DUG WELL 160M. WEST OF WHERE ROAD TURNS NORTH: 3-21 # 3-20 013
BRICK

012970 SAMPLE TYPE WELL WATER ;SITE 0647 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.265 ;LONG 96.370 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4480 ;DISSOLVED OXYGEN(PPM) 6.7 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 262 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 262
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL, COVERED, 150M SOUTH OF SE CNR OF JOHN TRUELOVE HOME, NOT 013
FROM WELL IN FRONT YARD; I-78 JOHN D. TRUELOVE % RT 1, FARMERSVILLE % 75031:

012971 SAMPLE TYPE WELL WATER ;SITE 0648 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.284 ;LONG 96.332 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1290 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 362 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 364
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PIKE TOPO, SHERMAN TX, SAMPLE TAKEN FROM DUG WELL, COVERED, 5M WEST OF NW CNR OF BULLOCK HOME: I-78 CLELL BULLOCK
% RT 1,BLUE RIDGE TX % 75004: 3-20 #3-21 BRICK:

012972 SAMPLE TYPE WELL WATER ;SITE 0649 ;MAP N11409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.317 ;LONG 96.342 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 550 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 5.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 324 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 330
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0 013

WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABL
E
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL, UNCOVERED, USED PLASTIC BUCKET, WATER AT GROUND LEVEL, LOCATED 60M SOUTH OF FIRST DAM TAKING FARM TRAIL WEST FROM MAIN ROAD: I-60 OPEN WELL: 3-20 #3-21 BRICK:

012973 SAMPLE TYPE WELL WATER ;SITE 0650 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.316 ;LONG 96.273 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 5.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 370 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 370
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0 013
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM UNCOVERED DUG WELL 8M SOUTH OF ROAD 200M EAST OF BILL WOOLY HOME,FAIRLY CLEAN WATER,: 3-20 #3-21 BRICK I-60 OPEN ON TOP, WATER LEVEL ALMOST AT GROUNDLEVEL RUNNOFF WATER MAY BE PRESENT:

012974 SAMPLE TYPE WELL WATER ;SITE 0410 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.279 ;LONG 96.278 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L- -YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 300 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 5.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 114 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 112
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0 013
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PIKE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PUMPHOUSE, PUMP NOT WORKING, USED PLASTIC BUCKET, WELL LOCATED DUE NORTH OF HARRISON HOME: I-60 DEAD FETAL RAT BUT WAS COVERED WELL IN PUMPHOUSE, WITH STEEL PIPE INSIDE: 3-20 #3-21 BRICK:

012975 SAMPLE TYPE WELL WATER ;SITE 0411 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/04/78
AIR TEMP(C)+ 2.1 ;LAT 33.423 ;LONG 96.402 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1600 ;DISSOLVED OXYGEN(PPM) 5.6 ;WATER TEMP(C) +27.7
VISIBILITY(M) CLEAR ;PH 8.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 387 ;P ALKALINITY(PPM) 12 ;M ALKALINITY(PPM) 385
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWQ ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 8 013
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 499 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 499 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DESERT WATER SUPPLY CORP, FROM FAUCET AFTER CHLORINATER IN PUMPHOUSE.

I-60 CHLORINATED: I-78 JOHN ROGDON % RT 1, BOX 146 % BLUE RIDGE, TX % 75004:

012976 SAMPLE TYPE WELL WATER ;SITE 0412 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/25/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.455 ;LONG 96.391 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +16.8
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 224 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 230
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL, UNCOVERED, RELATIVELY CLEAN, LOCATED 40M EAST AND 20M S OF MURPHY HOME: I-60 OPEN WELL, WIDENS OUT SIMILAR TO CISTERN: 3-20 #3-21 BRICK:

012977 SAMPLE TYPE WELL WATER ;SITE 0413 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/25/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.388 ;LONG 96.403 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +17.1
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 216
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PILOT GROVE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT COVERED WELL 8M NORTH OF OLD FARMHOUSE ON MATHEWS PROPERTY:
I-78 MATHEWS % RT 2, ANNA TX % 75003:

012978 SAMPLE TYPE WELL WATER ;SITE 0414 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.375 ;LONG 96.331 ;UNIT CODE UK02 ;VEGETATION GRASS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1480 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +30.9
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 355 ;P ALKALINITY(PPM) 18 ;M ALKALINITY(PPM) 344
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 9
WRT PRESSURE TANK AFTER ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 564 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 564 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD SAMPLE TAKEN AT WEST LEONARD WATER SUPPLY CORP, WELL 1, FROM HYDRANT AFTER CHLORINATER:
I-60 CHLORINE:

012979 SAMPLE TYPE WELL WATER ;SITE 0415 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.366 ;LONG 96.282 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 8.2 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 198 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 198
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) [illegible] ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PIPE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT WELL 40M NORTH OF NE CNR OF CLYDE REDY HOME, CLEAN WELL:

012980 SAMPLE TYPE WELL WATER ;SITE 0416 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.405 ;LONG 96.327 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 750 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +18.0
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN AT COVERED WELL 2M WEST OF EMPTY FARM HOUSE, USED PLASTIC BUCKET, CLEAN WELL:

012981 SAMPLE TYPE WELL WATER ;SITE 0417 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/26/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.417 ;LONG 96.273 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR Y- -YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 550 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 165 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 175
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL 5M WEST OF SW CNR OF RONNIE AND SHIRLEY WALLACE HOME, TURNER OWNER: 3-20 #3-21 BRICK: 2-68 LITTLE YELLOW, RUST FROM COVER POSSIBLE

012982 SAMPLE TYPE WELL WATER ;SITE 0418 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/26/04/78
AIR TEMP(C)+ 2.4 ;LAT 33.459 ;LONG 96.334 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 780 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 145 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 146
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0

WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD SAMPLE TAKEN 45M EAST AND 35M NORTH OF NE CNR OF HOME: 3-20 #3-21 RED BRICK: I-60
POORLY COVERED, MAY CONTAIN RAINWATER:

012983 SAMPLE TYPE WELL WATER ;SITE 0419 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 2.7 ;LAT 33.436 ;LONG 96.340 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1750 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +27.8
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 396 ;P ALKALINITY(PPM) 28 ;M ALKALINITY(PPM) 390
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 488 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 488 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN AT CITY OF TRENTON, 1969 WATER SUPPLY, NORTH OF TOWN, SAMPLE AT HYDRANT
OUTSIDE PUMPHOUSE SOUTH SIDE OF PUMPHOUSE: I-60 CHLORINATED:

012984 SAMPLE TYPE WELL WATER ;SITE 0420 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/26/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.463 ;LONG 96.280 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 270
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 TRENTON TOPO, SHERMAN QUAD, SAMPLE TAKEN AT DUG WELL 36M NORTH OF ROAD IN PLOWED FIELD, PARTLY COVERED, CLEAN
WELL, WATER LEVEL JUST BELOW GROUND LEVEL, SAMPLED FROM .2M ABOVE BOTTOM: 3-20 #3-21 RED BRICK: I-60 RAINWATER: 3-39
BUCKET LOWERED TO BOTTOM:

012985 SAMPLE TYPE WELL WATER ;SITE 0421 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.334 ;LONG 96.385 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1200 ;DISSOLVED OXYGEN(PPM) 4.9 ;WATER TEMP(C) +16.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 380 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 380
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:

I-38 BLUE RIDGE TOPO, SHERMAN QUAD, 50M EAST OF ROAD, JUST ACROSS DRY CREEK AT DUG WELL, COVERED, CLEAN WELL: I-60 STEEL PIPE IN WELL:

012987 SAMPLE TYPE STREAM SEDIMENT ;SITE 0422 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.373 ;LONG 96.495 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L- -GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BLUE RIDGE TOPO, SHERMAN QUAD, SAMPLED OVER 40M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20M UPSTREAM OF BRIDGE, ON OUTCROP, DIFFICULT SAMPLE:

012989 SAMPLE TYPE WELL WATER ;SITE 0424 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.390 ;LONG 97.233 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +17.0
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 270 ;P ALKALINITY(PPM) 56 ;M ALKALINITY(PPM) 260
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER; TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 VALLEY VIEW TOPO, SHERMAN QUAD, SAMPLE TAKEN AT OLD WELL 40M EAST AND 30M SOUTH OF SE CNR ROBERT SWAIM HOME: I-60 BAD CASING, SAND IN WATER: I-78 ROBERT SWAIM C/O RT 1, BOX 431 C/O SANGER, TX C/O 76266:

012990 SAMPLE TYPE WELL WATER ;SITE 0425 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.360 ;LONG 97.120 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1150 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 472 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 470
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 121 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 144 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENVALLEY TOPO, SHERMAN QUAD SAMPLE TAKEN AT WELL 40M EAST OF WAIDE HERD HOME: I-78 WAIDE HERD C/O RT 2 BOX 69 C/O SANGER, TX C/O 72666:

012991 SAMPLE TYPE WELL WATER ;SITE 0426 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/05/78
AIR TEMP(C)+ 10.0 ;LAT 33.353 ;LONG 97.046 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1200 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +18.4
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 464 ;P ALKALINITY(PPM) 58 ;M ALKALINITY(PPM) 460

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON KPWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 52 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 52 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREEN VALLEY TOPO, SHERMAN QUAD SAMPLE TAKEN AT WELL HOUSE 18M NORTH OF NE CNR OF KNOWLES HOME, PORTER PROPERTY:
3-25 HYDRANT BELOW PRESSURE TANK:

012992 SAMPLE TYPE WELL WATER ;SITE 0427 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.274 ;LONG 97.001 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 175 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 165
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 8
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 23 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 23 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREEN VALLEY TOPO, SHERMAN QUAD. SAMPLE TAKEN AT HYDRANT 4M. NORTH OF GARAGE AT T.W. TRICK HOME; 1-78 T.W. TRICK
% AUBREY TX % RT 1 BOX 1 % 76227 %

012993 SAMPLE TYPE WELL WATER ;SITE 0428 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.384 ;LONG 97.006 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 110 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 110
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 40
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 183 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 183 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 MOUNTAIN SPRINGS TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT DIRECTLY ACROSS ROAD FROM WELL LOCATED 35M EAST OF ROAD, RESIDENTS REFER TO WATER AS IRON ORE WATER, WHEN FIRST SAMPLED WAS CLEAR BUT BECAME INCREASING RED BROWN IN COLOR; 3-39 NEIGHBORS WELL HAS IRON WATER AT 600 FT., .75 MILE AWAY:

012994 SAMPLE TYPE STREAM SEDIMENT ;SITE 0449 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/05/78
AIR TEMP(C)+ 29.1 ;LAT 33.503 ;LONG 97.645 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 SALONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED IN CENTER OF STREAMBED OVER A 74 M. INTERVAL BEGINNING 60 M. UPSTREAM OF ROAD: 1-60 MALLARD OILFIELD IN DRAINAGE BASIN: 1-77 SLIGHT ODOR OF REDUCED SEDIMENTS:

012995 SAMPLE TYPE STREAM SEDIMENT ;SITE 0450 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/05/78

AIR TEMP(C)+ 29.5 ;LAT 33.552 ;LONG 97.677 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE TAKEN GOING UPSTREAM IN THE CENTER OF THE STREAM BED OVER A
134 M. INTERVAL BEGINNING 184 M. UPSTREAM OF ROAD THAT FORDS CREEK: 1-60 OILWELLS WITHIN SIGHT RANGE: 1-77 SLIGHT
ODOR OF REDUCED SEDIMENTS:

012996 SAMPLE TYPE WELL WATER ;SITE 0777 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/22/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.598 ;LONG 97.727 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1710 ;DISSOLVED OXYGEN(PPM) 8.7 ;WATER TEMP(C) +21.2
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 398 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 48 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 48 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE COLLECTED FROM FAUCET ON SOUTH SIDE OF HOUSE, FAUCET LOCATED
20 M. NORTH OF WELL HEAD: 1-78 ROGER L. STEPHENS % RT 4 BOX 270% BOWIE TEXAS 76230:

012998 SAMPLE TYPE WELL WATER ;SITE 0778 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/05/78
AIR TEMP(C)+ 27.5 ;LAT 33.639 ;LONG 97.738 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1530 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +20.2
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 458 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 451
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 23 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MONTAGUE 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE COLLECTED FROM FAUCET LOCATED 4 M. NORTHEAST OF BRICK HOUSE;
WELL LOCATED 14 M. NORTHEAST OF HOUSE; WELL DRILLED ONE YEAR AGO:

012999 SAMPLE TYPE WELL WATER ;SITE 0779 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/23/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.558 ;LONG 97.694 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1420 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 591 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 583
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH POSSIBLE

SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER

REMARKS:
I-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE COLLECTED FROM FAUCET 1 M. SOUTHWEST OF WELL HEAD WHICH IS 25 M. SOUTHWESTOF WHITE HOUSE: I-60 OIL WELLS BEING DRILLED WITHIN SIGHT RANGE IN VALLEY TO THE NORTHEAST OF WELL LOCATION: 3-39-INFORMATION ON WELL DEPTH FROM WELL SERVICERS IN BOWIE, TEXAS; (RICHARDSON HARDWARE AND WELL SERVICE)

013000 SAMPLE TYPE WELL WATER ;SITE 0656 ;MAP NI1403 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/01/78
AIR TEMP(C)+ 5.0 ;LAT 33.790 ;LONG 96.729 ;UNIT CODE UKUT ;VEGETATION GRASS /MODERATE ;RELIEF LOW
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 410 ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 92 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 90
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 28 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT WELL HOUSE LOCATED 8 METERS EAST OF THE HOUSE: I-78 SAM ROY % RR1 % POTTSBORO, TX:

013001 SAMPLE TYPE STREAM SEDIMENT ;SITE 0658 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/29/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.572 ;LONG 96.641 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 DORCHESTER 7.5' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED NEAR SOUTH BANK OF STREAM BEGINNING 22M UPSTREAM OF ROAD AND CONTINUING 48M UPSTREAM, SAMPLING INTERVAL BEGAN APPROX 11M UPSTREAM OF A LARGE TREE ON NORTH BANK.; I-60 STREAM CONTAINED A COUPLE OF METAL CANS AND BLACK PLASTIC. BASIN CONTAINS OIL WELLS AND GRAVEL PITS:

013002 SAMPLE TYPE STREAM SEDIMENT ;SITE 0659 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/29/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.568 ;LONG 96.641 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 DORCHESTER 7.5' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED OVER STREAM WIDTH BEGINNING APPROX 265M DOWNSTREAM OF ROAD AND CONTINUING UPSTREAM FOR 35M ENDING APPROX 230M DOWN-STREAM OF ROAD. SAMPLING BEGAN AT LOCATION OF CONCAVE BEDS ON SOUTH BANK, WHERE BED MATERIAL ENTERS STREAM: I-60 GARBAGE AND OLD CARS IN STREAM. SAMPLING INTERVAL RELATIVELY CLEAR;

013003 SAMPLE TYPE STREAM SEDIMENT ;SITE 0664 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/29/03/78
AIR TEMP(C)+ 22.8 ;LAT 33.558 ;LONG 96.622 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:

I-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED OVER A 40M INTERVAL FROM VARIOUS PARTS OF STREAM BEGINNING APPROXIMATELY 70M DOWNSTREAM OF 3 LARGE TREES ON EAST BANK. TREES ARE DUE WEST OF ACCESS ROAD TO FIELD: I-60 TRASH FOUND UPSTREAM. PIPELINE OF UNKNOWN FUNCTION IS UPSTREAM ON EAST SIDE OF ROAD: I-71 SAND SIZE MATERIAL ALSO PRESENT:

013004 SAMPLE TYPE WELL WATER ;SITE 0665 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/30/03/78
AIR TEMP(C)+ 21.2 ;LAT 33.558 ;LONG 96.616 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 810 ;DISSOLVED OXYGEN(PPM) 5.0 ;WATER TEMP(C) +18.4
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 520 ;P ALKALINITY(PPM) 58 ;M ALKALINITY(PPM) 508
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 142 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 142 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 WELL LOCATED ON HOWE 7 1/2' TOPO OF SHERMAN QUAD ON TEXAS INSTRUMENTS INSTALLATION. SAMPLE COLLECTED IN WELL HOUSE LOCATED EAST OF WELL HEAD AND APPROX 80M SOUTH OF LARGEST BUILDING: I-60 BLUE PRECIPITATE ON FAUCET FITTINGS: 3-21 GALVINIZED, COPPER AND STEEL PIPES: 2-37 LIQUID PURIFIER AND ION EXCHANGER CONNECTED TO WELL BEFORE SAMPLE WAS TAKEN: 3-39 DRILLER:

013006 SAMPLE TYPE STREAM SEDIMENT ;SITE 0666 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/03/78
AIR TEMP(C)+ 22.9 ;LAT 33.567 ;LONG 96.596 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM BEGINNING 37M. UPSTREAM FROM RAILROAD BRIDGE AND 20M. UPSTREAM FROM PIPE CROSSING STREAM CONTINUING OVER AN INTERVAL OF 38M. ENDING AT LARGE KNOTTED PECAN TREE WITH ROOTS EXTENDING ALONG NORTH BANK: I-60 SOME RUBBER, GLASS AND METAL IN STREAM:

013007 SAMPLE TYPE STREAM SEDIMENT ;SITE 0667 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/30/03/78
AIR TEMP(C)+ 24.1 ;LAT 33.584 ;LONG 96.574 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED OVER 37M INTERVAL FROM CENTER OF STREAM BEGINNING 87M UPSTREAM OF BRIDGE AND CONTINUING UPSTREAM. SAMPLING INTERVAL BEGINS AT .4M DIAMETER TREE IN CENTER OF STREAM: I-60 STREAM PARALLELS CRUSHED ROCK ROAD. SMALL AMT. OF MISC. TRASH: I-51 MATERIAL SAMPLED APPEARS TO BE UKAC:

013008 SAMPLE TYPE STREAM SEDIMENT ;SITE 0668 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/03/78
AIR TEMP(C)+ 28.5 ;LAT 33.575 ;LONG 96.549 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.33 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD. SAMPLE COLLECTED FROM CENTER OF STREAM OVER A 22 METER INTERVAL BEGINNING

APPROX. 39 METERS NE OF THE BRIDGE: 1-60 SMALL AMOUNTS OF TRASH. AUTO SALVAGE SHOP UPSTREAM OF SAMPLING SITE: 1-38

CONT. SAMPLING SITE BEGINS 14M. DOWNSTREAM OF NORTHWESTWARD HEADING BEND IN CREEK: 1-51 CENTROID IS UKA BUT SAMPLE REFLECTS UKAC:

013009 SAMPLE TYPE WELL WATER ;SITE 0660 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/13/03/78
AIR TEMP(C)+ 26.5 ;LAT 33.177 ;LONG 97.382 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 9.7 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 62 ;M ALKALINITY(PPM) 386
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL 28M SOUTH OF SW CORNER OF HOUSE, SAMPLE TAKEN AT WELL HEAD: 1-78 ANN AND MITCH MERRITT%, RT#1, BOX 17%, PONDER, TX. 76259:

013010 SAMPLE TYPE WELL WATER ;SITE 0661 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/13/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.244 ;LONG 97.386 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 915 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 9.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 302 ;P ALKALINITY(PPM) 76 ;M ALKALINITY(PPM) 288
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 26 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 360 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 20M SOUTH AND DIRECTLY BEHIND LABORATORY/BUSINESS OFFICE: 1-78 SOUTHWEST A.I. LABORATORIES%, RT#1, BOX 50-A%, PONDER, TX. 76259:

013011 SAMPLE TYPE WELL WATER ;SITE 0662 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/13/03/78
AIR TEMP(C)+ 27.0 ;LAT 33.088 ;LONG 97.391 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1100 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +11.9
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 421 ;P ALKALINITY(PPM) 78 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 RHOME 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 5M WEST OF NW CORNER OF HOUSE:

013012 SAMPLE TYPE WELL WATER ;SITE 0663 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/13/03/78
AIR TEMP(C)+ 25.5 ;LAT 33.091 ;LONG 97.339 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW

WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +11.0
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 338 ;P ALKALINITY(PPM) 49 ;M ALKALINITY(PPM) 328
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 10M WEST OF NW CORNER OF HOUSE SOUTH OF HORSE
BARN:

013013 SAMPLE TYPE WELL WATER ;SITE 0673 ;MAP NT1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/05/04/78
AIR TEMP(C)+ 21.1 ;LAT 33.742 ;LONG 96.561 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 395 ;DISSOLVED OXYGEN(PPM) 6.9 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 5.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 37 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 39
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 26 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 26 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED AT FAUCET AT PUMPHOUSE APPROXIMATELY 7 METERS BEHIND
HOUSE, MRS. HAYGOOD OWNER: 3-34 OWNER NOT AVAILABLE, INFORMATION FROM NEIGHBOR: 3-39 INFORMATION FROM NEIGHBOR:

013014 SAMPLE TYPE STREAM SEDIMENT ;SITE 0674 ;MAP NT1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/05/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.719 ;LONG 96.601 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 63 M INTERVAL BEGINING
23 M UPSTREAM FROM BRIDGE AND ENDING WHERE LARGE TREE IS LEANING ACROSS STREAM: I-60 SOME PAPER TRASH IN STREAM BED:

013015 SAMPLE TYPE WELL WATER ;SITE 0675 ;MAP NT1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/05/04/78
AIR TEMP(C)+ 21.6 ;LAT 33.740 ;LONG 96.611 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 810 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +18.5
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 596 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 564
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 41
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 44 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 44 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

1-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON SOUTH SIDE OF HOUSE APPROXIMATELY 40 M FROM THE PUMPHOUSE ON THE NORTH SIDE OF THE HOUSE:

013016 SAMPLE TYPE WELL WATER ;SITE 0676 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/05/04/78
AIR TEMP(C)+ 20.2 ;LAT 33.692 ;LONG 96.608 ;UNIT CODE UKA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 520 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +22.5
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 215 ;P ALKALINITY(PPM) 23 ;M ALKALINITY(PPM) 198
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED AT FAUCET BEHIND HOUSE ON THE SOUTH SIDE, WELL OWNED BY RAYMOND TERRELL: 1-60 OWNER REPORTS THAT WATER OCCASIONALLY HAS A GASEOUS ODOR: 3-19 PUMP SUBMERGED: 3-21 BRASS FAUCET:

013017 SAMPLE TYPE STREAM SEDIMENT ;SITE 0677 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/05/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.711 ;LONG 96.736 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 SHERMAN NW 7 1/2' TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 42 M INTERVAL BEGINNING APPROX. 163 M UPSTREAM OF BRIDGE NEXT TO A LARGE DEAD TREE ON THE SOUTH BANK AND ENDING 7 M DOWNSTREAM OF A LARGE PECAN TREE: 1-60 OIL FIELDS AND AIR FORCE BASE IN BASIN. UNDERGROUND PIPES APPEAR AT BRIDGE:

013018 SAMPLE TYPE STREAM SEDIMENT ;SITE 0678 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/06/04/78
AIR TEMP(C)+ 23.2 ;LAT 33.636 ;LONG 96.503 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 58 M INTERVAL BEGINNING AT LARGE TREE ON EAST BANK 46 M UPSTREAM FROM BRIDGE AND ENDING AT LARGE TREE ON WEST BANK WITH 3 MAIN TRUNKS: 1-60 SOME GLASS AND METAL IN STREAM BED, SAND PIT IN BASIN:

013019 SAMPLE TYPE STREAM SEDIMENT ;SITE 0679 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/04/78
AIR TEMP(C)+ 25.1 ;LAT 33.665 ;LONG 96.506 ;UNIT CODE UKA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 43 M INTERVAL BEGINNING APPROXIMATELY 120 METERS UPSTREAM FROM BRIDGE NEAR OLD TWISTED AND LEANING TREE ON SOUTH BANK AND ENDING AT VERY

LARGE TREE ON NORTH BANK WITH ROOTS EXTENDING ACROSS THE STREAM; I-60 SOME GLASS IN STREAM BED; 1-51 MATERIAL SAMPLED
DOES NOT REPRESENT CENTROID, CENTROID SHOULD BE UKEF:

013020 SAMPLE TYPE WELL WATER ;SITE 0680 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/06/04/78
AIR TEMP(C)+ 26.1 ;LAT 33.694 ;LONG 96.505 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1340 ;DISSOLVED OXYGEN(PPM) 6.2 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 455 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 464
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 28 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT BACK OF WELL HOUSE 6 METERS NORTH OF HOUSE; 3-20 CONCRETE CASING; 3-21 COPPER PIPE TO FAUCET:

013021 SAMPLE TYPE WELL WATER ;SITE 0681 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/04/78
AIR TEMP(C)+ 29.5 ;LAT 33.698 ;LONG 96.556 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1750 ;DISSOLVED OXYGEN(PPM) 10.8 ;WATER TEMP(C) +27.0
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 680 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 678
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. STEEL ;METERS FROM HEAD 11
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 420 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 420 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 SHERMAN 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM PIPE 11 M EAST OF WELL HEAD; 1-60 WATER FLOWS FROM WELL HEAD TO SAMPLE SITE THRU 3" DIAMETER STEEL PIPE; 3-26 USED TO FILL LAKE AND SWIMMING POOL AT WOODLAWN COUNTRY CLUB; 3-39 WORKER AT COUNTRY CLUB GAVE INFORMATION; 3-19 SUBMERGED PUMP:

013022 SAMPLE TYPE STREAM SEDIMENT ;SITE 0682 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/04/78
AIR TEMP(C)+ 30.9 ;LAT 33.724 ;LONG 96.736 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 51 M INTERVAL BEGINNING 54 M UPSTREAM FROM BRIDGE AT 2 TREES ON SOUTH BANK WITH BROKEN BRANCHES HANGING INTO STREAM BED AND ENDING AT LEFT HAND BEND IN STREAM WITH TREE ON SOUTH BANK WITH ROOTS HANGING OVER BANK; 1-60 STEEL PIPE OF UNKNOWN FUNCTION CROSSES STREAM UPSTREAM OF SAMPLE SITE, OIL WELL IN BASIN, PERRIN AIR FORCE BASE IN BASIN:

013023 SAMPLE TYPE WELL WATER ;SITE 0683 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/06/04/78
AIR TEMP(C)+ 29.1 ;LAT 33.695 ;LONG 96.716 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1440 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +23.4

VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 893 ;P ALKALINITY(PPM) 113 ;M ALKALINITY(PPM) 858
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWL ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 88 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 88 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT PUMPHOUSE WHICH IS 15 M SOUTH OF HOUSE, WELL OWNED BY MR. THOMPSON; 3-21 PLASTIC PIPE IN WELL GALVANIZED PIPE TO FAUCET; 3-20 CONCRETE CASING; I-60 CONT. SOME OIL WELLS IN VICINITY;

013024 SAMPLE TYPE STREAM SEDIMENT ;SITE 0684 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/13/04/78 013
AIR TEMP(C)+ 26.9 ;LAT 33.632 ;LONG 96.631 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.75
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 07%

REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED OVER CENTER OF STREAM OVER A 25M INTERVAL BEGINNING APPROXIMATELY 127M UPSTREAM FROM BRIDGE JUST UPSTREAM FROM DRAINAGE CULVERT FLOWING INTO STREAM; I-60 APARTMENTS ALONG STREAM AND MANY OTHER HOUSES AND BUILDINGS IN BASIN, SOME TRASH IN STREAM; I-77 SEDIMENT HAD A SLIGHT SEWAGE ODOR; I-60 CONT. RAILROAD TRACKS CROSS STREAM 1/2 MILE UPSTREAM FROM SAMPLE SITE, OIL WELLS IN BASIN; I-51 MATERIAL SAMPLED DOES NOT REPRESENT CENTROID, CENTROID SHOULD BE UKEF;

013025 SAMPLE TYPE STREAM SEDIMENT ;SITE 0685 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/13/04/78
AIR TEMP(C)+ 28.1 ;LAT 33.629 ;LONG 96.625 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%

REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 56M INTERVAL BEGINNING 4M UPSTREAM FROM WHERE STREAM FLOWS INTO SAND CREEK AND ENDING AT NORTHWARD BEND IN STREAM APPROXIMATELY 13M DOWNSTREAM FROM LARGE TREE LEANING OVER STREAM; I-60 POSSIBLY SOME FERTILIZER FROM ATHLETIC FIELD WHICH IS ALONG STREAM BUT NO EVIDENCE OF IT IN STREAM;

013026 SAMPLE TYPE STREAM SEDIMENT ;SITE 0686 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/13/04/78
AIR TEMP(C)+ 24.8 ;LAT 33.646 ;LONG 96.629 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS URBAN ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%

REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 36M INTERVAL HEADING UPSTREAM BEGINNING BY LARGE TREE ON EAST BANK APPROXIMATELY 400M DOWNSTREAM FROM WHERE MCGEE STREET CROSSES THE STREAM; I-60 SUBURBIA SURROUNDS THE STREAM IN SAMPLING AREA, SOME TRASH, CANS ETC. IN STREAM. PIPELINE (SEWAGE?) CROSSES STREAM 115M UPSTREAM FROM SAMPLING INTERVAL, ANOTHER SIMILAR PIPELINE CROSSES APPROXIMATELY 100M DOWNSTREAM FROM BRIDGE;

013027 SAMPLE TYPE STREAM SEDIMENT ;SITE 0687 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/14/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.738 ;LONG 96.699 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40

WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL %
REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 26M INTERVAL BEGINNING 37M UPSTREAM FROM BRIDGE: I-60 PLANTED FIELDS (WHEAT) ON BOTH SIDES OF STREAM BUT NO INDICATION OF FERTILIZER ENTERING STREAM, SOME OIL WELLS IN BASIN:

013028 SAMPLE TYPE WELL WATER ;SITE 0688 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/14/04/78
AIR TEMP(C)+ 22.3 ;LAT 33.736 ;LONG 96.727 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER U WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 870 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 194 ;P ALKALINITY(PPM) 36 ;M ALKALINITY(PPM) 196
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 89 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 91 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED AT WELL HEAD LOCATED 10M FROM HOUSE OF C. L. TERRY: I-78 C. L. TERRY % RT. 3 % BOX 119 % SHERMAN, TEXAS:

013029 SAMPLE TYPE WELL WATER ;SITE 0689 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/14/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.728 ;LONG 96.683 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 8830 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 648 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 674
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. PLASTIC ;METERS FROM HEAD 14
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 116 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 119 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SHERMAN NW 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET NEAR OLD TREE 14M FROM WELL HOUSE WHICH IS 10M WEST OF HOUSE OWNED BY MYRON BROWN: I-60 WHITE RESIDUE FORMED ON OWNERS TRUCK WHEN HE WASHED IT WITH WATER FROM THIS WELL: I-77 SLIGHT SULPHER SMELL: 3-19 SUBMERGED PUMP: I-78 MYRON BROWN % RT. 1 % SHERMAN, TEXAS:

013030 SAMPLE TYPE STREAM SEDIMENT ;SITE 0690 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/14/04/78
AIR TEMP(C)+ 26.8 ;LAT 33.596 ;LONG 96.522 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.25
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 HOWE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 48M INTERVAL BEGINNING 60M UPSTREAM FROM BRIDGE AND ENDING AT LARGE DOUBLE TRUNKED TREE ON WEST BANK: I-60 SOME TIRES IN STREAM:

013031 SAMPLE TYPE WELL WATER ;SITE 0691 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/14/04/78

AIR TEMP(C)+ 25.1 ;LAT 33.809 ;LONG 96.560 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 795 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 383 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 350
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 HOWE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED 3M NORTH OF HOUSE: 1-60 SOME CONTAMINANT
POSSIBLY FROM ROPE USED TO LOWER BUCKET: 3-19 OBTAIN WATER BY LOWERING BUCKET: 3-20 BRICK CASING DOWN AT LEAST TO
WATER LEVEL: 3-21 NO PIPES USED ANYMORE: 3-33 FIGURED OUT HOW MANY FEET DOWN BUCKET WENT TO HIT WATER:

013032 SAMPLE TYPE WELL WATER ;SITE 0692 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.096 ;LONG 96.335 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 240 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 229
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO G[illegible] INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT WELL LOCATED NEAR BARN APPROXIMATELY
35M NORTH OF HOUSE; OWNER MR. L. B. JAMES: 3-20 BRICK CASING DOWN AT LEAST TO WATER TABLE:

013033 SAMPLE TYPE WELL WATER ;SITE 0693 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/04/78
AIR TEMP(C)+ 26.7 ;LAT 33.080 ;LONG 96.386 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 5.0 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 172 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 160
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL IMMEDIATELY BEHIND HOUSE: 1-60 POSSIBLE
CONTAMINATION FROM DEBRIS FALLING IN FROM TOP OF WELL: 3-19 #3-21 WATER BROUGHT UP BY ROPE AND BUCKET: 3-20 BRICK
CASING DOWN TO WATER LEVEL: 3-33 MEASURED HOW FAR BUCKET DROPPED TO HIT WATER:

013035 SAMPLE TYPE WELL WATER ;SITE 0694 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/04/78
AIR TEMP(C)+ 23.2 ;LAT 33.046 ;LONG 96.381 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 550 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 273 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 274
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPT. HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 2 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL NEAR WILLOW TREE APPROXIMATELY 25M NE OF HOUSE WITH YELLOW ALUMINUM SIDING; I-60 DEBRIS FLOATING ON TOP OF WELL, STANDING WATER AROUND WELL HAD SEWAGE ODOR BUT WELL WATER HAD NO ODOR; 3-20 BRICK AND STONE CASING; 3-19 USE BUCKET; 3-34 WELL MAY CONTAIN SOME RAIN WATER BECAUSE OF SHALLOW DEPTH:

013036 SAMPLE TYPE STREAM SEDIMENT ;SITE 0695 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.066 ;LONG 96.406 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.05
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED OVER A 37M INTERVAL IN CENTER OF STREAM BEGINNING APPROXIMATELY 35M UPSTREAM FROM BRIDGE:

013037 SAMPLE TYPE STREAM SEDIMENT ;SITE 0696 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 22.1 ;LAT 33.109 ;LONG 96.409 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /DENSE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL BEGINNING AT FENCE LINE CROSSING STREAM AND ENDING JUST DOWNSTREAM FROM WHERE A LARGE TREE LEANS ACROSS STREAM FROM LEFT BANK TOWARDS RIGHT BANK; I-60 RAILROAD CROSSES BASIN LESS THAN 1/2 MILE FROM SAMPLE SITE, FARMERVILLE AT UPSTREAM END OF BASIN:

013038 SAMPLE TYPE WELL WATER ;SITE 0697 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 23.4 ;LAT 33.088 ;LONG 96.446 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS SEWAGE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 6.5 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 351 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 349
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 17 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT WELL HOUSE LOCATED 3M SOUTH OF HOUSE:
I-60 OWNER REPORTS THAT WATER IS CONTAMINATED WITH SEWAGE; 3-20 CEMENT CASING:

013039 SAMPLE TYPE STREAM SEDIMENT ;SITE 0698 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/04/78
AIR TEMP(C)+ 23.2 ;LAT 33.007 ;LONG 96.458 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05

WATER LEVEL LOW ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000 01

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 39M INTERVAL BEGINNING APPROXIMATELY
300M UPSTREAM FROM BRIDGE AND 10M UPSTREAM FROM WHERE FENCE CROSSES STREAM AND ENDING AT LARGE TREE THAT LAYS ACROSS
STREAM: 1-60 MUCH TRASH METAL AND GLASS IN STREAM, TWO SMALL CITIES IN BASIN:

013040 SAMPLE TYPE WELL WATER ;SITE 0699 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.040 ;LONG 96.323 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000 01

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 420 ;DISSOLVED OXYGEN(PPM) 9.7 ;WATER TEMP(C) +13.5
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 105 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 104
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; WELL LOCATED NEXT TO ABANDONED BARN; 1-60 POSSIBLE CONTAMINATION
FROM FERTILIZER ON FIELD NEXT TO WELL: 3-19 #3-21 WATER BROUGHT UP WITH ROPE AND BUCKET: 3-33 MEASURED HOW FAR DOWN
BUCKET WENT TO HIT WATER:

013041 SAMPLE TYPE STREAM SEDIMENT ;SITE 0700 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/19/04/78
AIR TEMP(C)+ 16.6 ;LAT 33.081 ;LONG 96.300 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO 01
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 33M INTERVAL BEGINNING
APPROXIMATELY 470M UPSTREAM FROM ROAD: 1-60 SOME TRASH IN STREAM, POSSIBLY SOME CONTAMINANT FROM WHEAT FIELDS IN
BASIN;

013042 SAMPLE TYPE STREAM SEDIMENT ;SITE 0701 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 17.2 ;LAT 33.090 ;LONG 96.293 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM BEGINNING 25M UPSTREAM OF SMALL 01
TRIBUTARY FLOWING INTO THE STREAM ON THE WEST BANK AT LARGE BROKEN TREE OVER A 36M INTERVAL: 1-60 SOME METAL TRASH
IN STREAM;

013043 SAMPLE TYPE WELL WATER ;SITE 0702 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/20/04/78
AIR TEMP(C)+ 19.5 ;LAT 33.128 ;LONG 96.338 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1900 ;DISSOLVED OXYGEN(PPM) 0.6 ;WATER TEMP(C) +15.5
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 307 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 304
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED 10M WEST OF HOUSE: 3-19 #3-21 WATER BROUGHT UP WITH BUCKET:

013045 SAMPLE TYPE WELL WATER ;SITE 0703 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/20/04/78
AIR TEMP(C)+ 19.8 ;LAT 33.180 ;LONG 96.273 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1290 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +15.1
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 255 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 252
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKPG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 3 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL WITH BRICK SIDES LOCATED APPROXIMATELY 25M EAST OF GREEN SHED AND TWO PECAN TREES: 3-19 #3-21 WATER BROUGHT UP WITH BUCKET: 3-33 MEASURED HOW FAR BUCKET WENT DOWN TO HIT WATER: 2-68 WHEN WATER FIRST BROUGHT UP IT WOULD HAVE A SLIGHT WHITE MURKY APPEARANCE WHICH WOULD DISAPPEAR AS WATER SET:

013046 SAMPLE TYPE STREAM SEDIMENT ;SITE 0704 ;MAP NI1409 ;SAMPLER RDK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 10/21/04/78
AIR TEMP(C)+ 23.9 ;LAT 33.033 ;LONG 96.265 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 15.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS;
1-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 43M INTERVAL BEGINNING APPROXIMATELY 10M UPSTREAM FROM BRIDGE; 1-60 OIL OR GAS PIPELINE CROSSES STREAM APPROXIMATELY 300M UPSTREAM FROM SAMPLING INTERVAL, STREAM HAS BEEN CHANNELED AT SAMPLING SITE, PART OF JOSEPHINE IN BASIN.

013048 SAMPLE TYPE STREAM SEDIMENT ;SITE 0705 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/21/04/78
AIR TEMP(C)+ 22.3 ;LAT 33.007 ;LONG 96.423 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 05%
REMARKS;
1-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED INCENTER OF STREAM OVER A 50M INTERVAL HEADING UPSTREAM BEGINNING 18 M DOWNSTREAM FROM WHERE TWO STREAMS FLOW TOGETHER BY LARGE TREE ON NORTH BANK AND ENDING BY SMALL CLUMP OF TREES ON NORTH BANK: 1-60 MAIN STREAM OF BASIN DAMMED TO FORM MOORES LAKE UPSTREAM OF SAMPLE SITE, STREAM CHANNELIZED AT SITE;

013049 SAMPLE TYPE STREAM SEDIMENT ;SITE 0706 ;MAP N11409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/21/04/78
AIR TEMP(C)+ 21.5 ;LAT 33.247 ;LONG 96.379 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 42M INTERVAL BEGINNING APPROXIMATELY 75 M UPSTREAM FROM BRIDGE AND ENDING JUST DOWNSTREAM FROM WHERE TRIBUTARY FLOWS IN ON BANK: I-60 HIGHWAY RUNS ALONG ONE BRANCH OF STREAM, SOME OLD TIRES IN STREAM:

013050 SAMPLE TYPE STREAM SEDIMENT ;SITE 0707 ;MAP N11409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 21.9 ;LAT 33.204 ;LONG 96.383 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 31M INTERVAL BEGINNING AT BENT TREE ON NORTH BANK 92M UPSTREAM FROM BRIDGE AND ENDING AT TREE WITH LARGE LIMB HANGING OUT OVER STREAM ON NORTH BANK: I-60 SOME CANS AND OTHER TRASH IN STREAM, HIGHWAY CROSSES STREAM 1/2 MILE UPSTREAM FROM SAMPLING INTERVAL, MOST SEDIMENT COLLECTED WAS REDUCED SEDIMENT:

013051 SAMPLE TYPE STREAM SEDIMENT ;SITE 0708 ;MAP N11409 ;SAMPLER RDK ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/04/78
AIR TEMP(C)+ 20.8 ;LAT 33.215 ;LONG 96.402 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 1.50
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED ALONG WEST BANK OVER A 35M INTERVAL BEGINNING 26M UPSTREAM FROM BRIDGE AND ENDING 10M DOWNSTREAM FROM LARGE TREE WITH BENT LIMBS ON WEST BANK: I-60 WATER WAS BACKED UP BY LAKE:

013052 SAMPLE TYPE STREAM SEDIMENT ;SITE 0709 ;MAP N11409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/24/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.102 ;LONG 96.252 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.40
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 08%
REMARKS:
I-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 29M INTERVAL BEGINNING AT LARGE TRIPLE TRUNKED TREE ON WEST BANK APPROXIMATELY 140M UPSTREAM FROM BRIDGE AND ENDING AT TREE WITH 2 MAIN TRUNKS ON WEST BANK: I-60 SOME TRASH SUCH AS CANS, GLASS, TIRES ETC IN STREAM, MOST SEDIMENT COLLECTED WAS REDUCED:
I-77 SEDIMENT SMELLED LIKE REDUCED SEDIMENT:

013053 SAMPLE TYPE STREAM SEDIMENT ;SITE 0710 ;MAP N11409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.225 ;LONG 96.371 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.80
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 36M INTERVAL BEGINNING APPROXIMATELY 350M UPSTREAM FROM BRIDGE; I-60 SEDIMENT ALL REDUCED, CREEK BACKED UP BY ROAD CONSTRUCTION DOWNSTREAM: I-77 SEDIMENT SMELLED LIKE REDUCED SEDIMENT:

013054 SAMPLE TYPE STREAM SEDIMENT ;SITE 0711 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/04/78
AIR TEMP(C)+ 27.8 ;LAT 33.213 ;LONG 96.420 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.80
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 44M INTERVAL BEGINNING APPROXIMATELY 89M UPSTREAM FROM BRIDGE AND ENDING 10M DOWNSTREAM FROM LARGE THREE TRUNKED TREE ON WEST BANK: I-60 MOST OF THE SEDIMENT COLLECTED IS REDUCED, STREAM IS BACKUP FROM LAKE: I-77 SEDIMENT HAS REDUCED ODOR: I-71 SEDIMENT HAD MUCH SILT IN IT:

013055 SAMPLE TYPE STREAM SEDIMENT ;SITE 0712 ;MAP NI1409 ;SAMPLER RDK ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/04/78
AIR TEMP(C)+ 26.9 ;LAT 33.194 ;LONG 96.476 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL BEGINNING APPROXIMATELY 90M UPSTREAM FROM BRIDGE AND ENDING AT TWO TALL STRAIGHT WILLOW TREES ON WEST BANK: I-60 A LARGE SLAB OF CONCRETE IS IN STREAM IN INTERVAL, SOME METAL TRASH IN STREAM:

013056 SAMPLE TYPE STREAM SEDIMENT ;SITE 0713 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/24/04/78
AIR TEMP(C)+ 25.5 ;LAT 33.221 ;LONG 96.488 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL BEGINNING 31M UPSTREAM FROM BRIDGE JUST UPSTREAM FROM BEND IN CREEK AND ENDING AT LARGE LOGJAM UPSTREAM FROM CATTLE CROSSING: I-60 SOME LOGJAMS BACKING UP WATER IN THE INTERVAL, SOME CANS AND GLASS AND PLASTIC IN STREAM:

013057 SAMPLE TYPE STREAM SEDIMENT ;SITE 0714 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/04/78
AIR TEMP(C)+ 24.8 ;LAT 33.131 ;LONG 96.499 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL CLAY ;SAMPLE COLOR M-GY-GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 34M INTERVAL BEGINNING 105M UPSTREAM FROM BRIDGE AND ENDING JUST UPSTREAM FROM TREE WITH 90 DEG BEND IN TRUNK HANGING OUT OVER STREAM FROM WEST BANK; I-60 SOME TIRES IN STREAM, LOTS OF ALGAE, SEAWEED, AND ROTTING LEAVES IN STREAM, A THIN COATING RESEMBLING OIL OR GAS WAS ON WATER DOWNSTREAM OF SAMPLING INTERVAL BUT NOT AT INTERVAL, MOST SEDIMENT COLLECTED IS REDUCED: I-77 REDUCED ODOR:

013058 SAMPLE TYPE WELL WATER ;SITE 0715 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/25/04/78
AIR TEMP(C)+ 22.5 ;LAT 33.219 ;LONG 96.288 ;UNIT CODE UKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 910 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +13.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 84 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 79
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED IM BEHIND HOUSE OF MR. BISHOP: 1-60 WELL PROBABLY HAS A CONSIDERABLE AMOUNT OF RAIN WATER IN IT BUT OWNER SAYS IT IS MOSTLY GROUND WATER, BUCKET OF MINNOWS IN WELL, STRONG WINDS WERE THROWING UP DUST WHICH MAY HAVE GOTTEN IN SAMPLE: 3-19 #3-21 WATER BROUGHT UP WITH BUCKET: 3-33 MEASURED HOW FAR BUCKET WENT TO HIT WATER:

013059 SAMPLE TYPE WELL WATER ;SITE 0716 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/25/04/78
AIR TEMP(C)+ 22.5 ;LAT 33.188 ;LONG 96.439 ;UNIT CODE UKOZ ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 246 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 228
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 17
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 13 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM SPICKET LOCATED AT FRONT OF WHITE BRICK HOUSE BELONGING TO MRS. MAUREEN COMPTON: 1-60 OWNER REPORTS THAT COOKING VESSELS GET WHITE COATING ON THEM FROM WATER: 3-20 TILE CASING:

013061 SAMPLE TYPE WELL WATER ;SITE 0717 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/04/78
AIR TEMP(C)+ 20.1 ;LAT 33.146 ;LONG 96.457 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 610 ;DISSOLVED OXYGEN(PPM) 7.3 ;WATER TEMP(C) +15.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 308 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 290
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. HAND ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM SPICKET ON DUG WELL WITH HAND PUMP LOCATED APPROXIMATELY 23M WEST OF HOUSE OF MR. P. WILLIAMS: 3-19 #3-21 WELL ALSO HAD ELECTRIC PUMP WITH PLASTIC PIPE BUT SAMPLE WAS COLLECTED FROM HAND PUMP: 3-20 BRICK CASING:

013062 SAMPLE TYPE WELL WATER ;SITE 0718 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/04/78

AIR TEMP(C)+ 20.4 ;LAT 33.235 ;LONG 96.392 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 740 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 514 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 496
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE STOCK/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 13 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM SPICKET ON OUTSIDE OF PUMP HOUSE LOCATED APPROXIMATELY
15M SOUTH OF HOUSE: 1-60 TOP OF WELL OPEN SO HAD SOME JUNK FLOATING ON WATER, SOME BLEACH HAD BEEN PUT IN ONCE BUT
WAS QUITE AWHILE BEFORE I TOOK SAMPLE: 1-78 J. R. DUNCAN % RT. 1 % BOX 272 % FARMERSVILLE TEXAS 75031; 3-33 MEASURED
TO TOP OF WATER:

013063 SAMPLE TYPE WELL WATER ;SITE 0719 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/26/04/78
AIR TEMP(C)+ 22.2 ;LAT 33.227 ;LONG 96.334 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 425 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +14.9
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 138 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 134
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED APPROXIMATELY 57M EAST
OF BARN, PROPERTY OWNED BY MR. F. L. HARTT OF FARMERSVILLE: 1-60 #3-19 USED PLASTIC BUCKET AND COTTON ROPE TO PULL
WATER OUT: 3-20 CONCRETE AND BRICK CASING: 3-33 MEASURED HOW FAR BUCKET DROPPED TO HIT WATER: 3-21 NONE:

013064 SAMPLE TYPE WELL WATER ;SITE 0720 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/26/04/78
AIR TEMP(C)+ 19.1 ;LAT 33.177 ;LONG 96.395 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +17.0
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 297 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 286
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL WITH STONE CASING ABOVE GROUND LOCATED
APPROXIMATELY 150M FROM ROAD AND 80M SOUTH OF SHACK; 1-60 SOME WOOD PROBABLY FROM WELL COVER IN WELL, PLASTIC BUCKET
& COTTON ROPE USED TO PULL WATER OUT: 3-19 BUCKET AND MUSCLE: 3-21 NO PIPES: 3-33 MEASURED HOW FAR BUCKET WENT TO
HIT WATER:

013065 SAMPLE TYPE WELL WATER ;SITE 0721 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/26/04/78
AIR TEMP(C)+ 23.5 ;LAT 33.126 ;LONG 96.396 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 810 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 338 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 323
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IM BEHIND HOUSE AND 6M WEST OF PUMP HOUSE:
3-33 MEASURED TO TOP OF WATER:

013066 SAMPLE TYPE WELL WATER ;SITE 0722 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/26/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.177 ;LONG 96.330 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 250 ;P ALKALINITY(PPM) 29 ;M ALKALINITY(PPM) 236
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT PUMP BOX LOCATED 3M SOUTH OF HOUSE
SURROUNDED BY MANY LARGE TREES: 3-33 MEASURED TO TOP OF WATER:

013067 SAMPLE TYPE WELL WATER ;SITE 0723 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 23.3 ;LAT 33.228 ;LONG 96.457 ;UNIT CODE UKOZ ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1190 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +13.8
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 272 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 263
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 CULLEOKA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL WITH CONCRETE CASING ABOVE GROUND IN
MIDDLE OF WHEAT FIELD AND APPROXIMATELY 35M SOUTH OF ABANDONED BARN AND 45M EAST OF ROAD: 1-60 PLASTIC BUCKET & COTTON
ROPE, POSSIBLY CONTAMINATED FROM FERTILIZER PUT ON WHEAT FIELD, NO COVER ON WELL SO HAVE SOME DEAD BUGS AND OTHER
DEBRIS IN WATER: 3-19 #3-21 NO PIPES, WATER BROUGHT UP WITH BUCKET: 3-33 MEASURED TO TOP OF WATER:

013068 SAMPLE TYPE WELL WATER ;SITE 0724 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/27/04/78
AIR TEMP(C)+ 21.5 ;LAT 33.033 ;LONG 96.430 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +14.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 292 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 296
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 3 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 LAVON 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL WITH RED BRICK CASING AND WHITE ROOF ABOVE GROUND LOCATED APPROXIMATELY 25M SOUTH OF RED BRICK HOUSE; 1-60 PLASTIC BUCKET AND COTTON ROPE USED TO BRING WATER UP, WATER HAD SOME PARTICLES OF UNKNOWN SUBSTANCE POSSIBLY WOOD FLOATING IN IT; 3-19 #3-21 USE ROPE AND BUCKET, PLASTIC PIPE IN WELL BUT DISCONNECTED FROM PUMP; 3-33 MEASURED TO TOP OF WATER; 2-68 SOME PARTICULATE MATTER IN WATER;

013070 SAMPLE TYPE WELL WATER ;SITE 0725 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/27/04/78
AIR TEMP(C)+ 23.6 ;LAT 33.144 ;LONG 96.280 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER U WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +14.3
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 394 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 376
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS;
I-38 FARMERSVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED APPROXIMATELY 15M NORTH OF OLD GRAY ABANDONED HOUSE; 1-60 PLASTIC BUCKET AND COTTON ROPE USED TO PULL WATER UP, INSECTS FLOATING ON TOP OF WATER; 2-68 SOME PARTICULATE MATTER IN WATER; 3-19 WATER BROUGHT UP WITH BUCKET; 3-20 STONE CASING; 3-21 PLASTIC PIPE IN WELL BUT NOT USED IN SAMPLE COLLECTION; 3-19 CONT. ELECTRIC PUMP ON WELL BUT NOT USED IN SAMPLE COLLECTION; 3-33 MEASURED TO TOP OF WATER;

013071 SAMPLE TYPE WELL WATER ;SITE 0726 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/27/04/78
AIR TEMP(C)+ 26.4 ;LAT 33.100 ;LONG 96.266 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER U WINDY-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 370 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +13.5
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 139 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PP 142
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING NONE ;PIPE COMP. OTHER ;METERS FROM HEA
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEP
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 3 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERE
REMARKS;
I-38 JOSEPHINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL NEAR ROAD APPROXIMATELY 20M EAST OF SHED; 1-60 PLASTIC BUCKET AND COTTON ROPE USED TO BRING WATER UP, NO COVER ON WELL SO HAVE SOME BUGS AND DUST ON WATER, PROBABLY LOTS OF RAINWATER IN WELL; 2-68 SOME PARTICULATE MATTER IN WATER; 3-19 #3-21 NO PIPES, USED BUCKET AND ELBOW POWER; 3-33 MEASURED TO TOP OF WATER;

013072 SAMPLE TYPE STREAM SEDIMENT ;SITE 0727 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 26.6 ;LAT 33.633 ;LONG 97.236 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL BEGINNING APPROXIMATELY 270M DOWNSTREAM FROM BRIDGE AND SAMPLING UPSTREAM, INTERVAL BEGINS JUST UPSTREAM FROM RIGHT HAND BEND IN STREAM: I-60 LOTS OF ALGAE IN STREAM, HIGHWAY 82 CROSSES STREAM 1/2 MILE UPSTREAM OF INTERVAL:

013073 SAMPLE TYPE STREAM SEDIMENT ;SITE 0728 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.641 ;LONG 97.172 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 34M INTERVAL BEGINNING 37M UPSTREAM FROM BRIDGE JUST UPSTREAM FROM FENCE LINE: I-60 MANY GRAVEL PITS IN STREAM BASIN:

013074 SAMPLE TYPE STREAM SEDIMENT ;SITE 0729 ;MAP NI1409 ;SAMPLER RDK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 09/02/05/78
AIR TEMP(C)+ 11.8 ;LAT 33.630 ;LONG 97.218 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 15.00 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM ALONG A 75M. INTERVAL BEGINNING 108M. UPSTREAM FROM BRIDGE WHERE BRICK PATH ON SOUTH BANK TURNS TOWARDS CREEK; I-60 MOST SEDIMENT COLLECTED IS REDUCED, TRASH PILE WITH METAL RUBBISH ON BANK IN INTERVAL, LINDSAY IS 1/2 MILE FROM SITE: I-77 REDUCED ODOR:

013075 SAMPLE TYPE STREAM SEDIMENT ;SITE 0730 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.632 ;LONG 97.202 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2 TOPO OF THE SHERMAN QUAD; SAMPLE TAKEN ALONG A 36M. INTERVAL IN CENTER OF STREAM BEGINNING 70M. UPSTREAM FROM LOW WATER BRIDGE AT STAND OF OAK TREES ON NORTH BANK; I-60 LOTS OF ALGAE IN STREAM, SOME TRASH, PLASTIC AND METAL IN STREAM, LINDSAY UPSTREAM IN BASIN, POSSIBLE FERTILIZER CONTAMINANT. I-51 SAMPLE COLLECTED IS QUARTZ SAND WHICH DOES NOT AGREE WITH GEOLOGIC MAP:

013076 SAMPLE TYPE WELL WATER ;SITE 0731 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 11.8 ;LAT 33.699 ;LONG 97.065 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 275 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +16.8
TURBIDITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 72 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 76
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 14 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

I-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN PUMP HOUSE LOCATED 10M EAST OF HOUSE OF J. L. THOMAS; I-77 NO ODOR AS SAMPLED BUT OWNER REPORTS ODOR WHEN HEATED:

013077 SAMPLE TYPE WELL WATER ;SITE 0732 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 11.8 ;LAT 33.733 ;LONG 97.066 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 295 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +16.6
VISIBILITY(M) CLEAR ;PH 6.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 40 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 43
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER; TYPE DUG ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 17 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT HOLDING TANK IN PUMP HOUSE WHICH IS 2M NORTH OF GREEN AND BROWN HOUSE:

013078 SAMPLE TYPE WELL WATER ;SITE 0733 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.728 ;LONG 97.002 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 835 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +15.[illegible]
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 282 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 282
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER; TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 37 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 38 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET BY PUMP HOUSE LOCATED 15M SOUTH OF WHITE WOOD HOUSE:

013079 SAMPLE TYPE WELL WATER ;SITE 0734 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/02/05/78
AIR TEMP(C)+ 12.5 ;LAT 33.682 ;LONG 97.134 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1030 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +17.0
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 536 ;P ALKALINITY(PPM) 111 ;M ALKALINITY(PPM) 542
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER; TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 125 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 126 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET BEHIND CEDAR TREE NEXT TO GARAGE, OWNED BY W. D. TRUITT; I-60 OWNER REPORTS WHITE COATING DEVELOPS ON COOKING UTENSILS:

013080 SAMPLE TYPE WELL WATER ;SITE 0735 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/05/78

AIR TEMP(C)+ 13.5 ;LAT 33.697 ;LONG 97.769 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +18.4
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 574 ;P ALKALINITY(PPM) 104 ;M ALKALINITY(PPM) 545
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 114 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 116 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN PUMP HOUSE LOCATED 30M EAST
OF WHITE HOUSE: I-60 USER REPORTS THAT WITH HEAVY PUMPING THE WATER WILL TURN RUST COLORED:

013081 SAMPLE TYPE WELL WATER ;SITE 0736 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 05/03/02/78
AIR TEMP(C)+ 11.1 ;LAT 33.556 ;LONG 97.111 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 480 ;P ALKALINITY(PPM) 108 ;M ALKALINITY(PPM) 513
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK FROM ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 128 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 131 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON HOLDING TANK LOCATED IN PUMP HOUSE
WHICH IS 25M SOUTH OF HOUSE: 3-25#I-60 SAMPLE COLLECTED FROM APPROXIMATELY 300 GALLON GALVANIZED PRESSURE TANK: 3-19
SUBMERGED PUMP:

013082 SAMPLE TYPE WELL WATER ;SITE 0737 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/04/05/78
AIR TEMP(C)+ 11.2 ;LAT 33.595 ;LONG 97.118 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 497 ;P ALKALINITY(PPM) 99 ;M ALKALINITY(PPM) 526
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 143 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 146 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN RED BRICK PUMP HOUSE WHICH IS LOCATED
APPROXIMATELY 30M NORTH OF HOUSE: 3-19 SUBMERGED PUMP; I-38 CONT, OWNER MR. CAMBELL:

013083 SAMPLE TYPE WELL WATER ;SITE 0738 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/05/78
AIR TEMP(C)+ 11.5 ;LAT 33.583 ;LONG 97.063 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 270 ;DISSOLVED OXYGEN(PPM) 8.3 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 48 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 50
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 16 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT WELL HEAD LEADING TO DRINKING FOUNTAIN
4M SOUTHWEST OF HOUSE OF BILLY FARR: 3-21 SHORT LENGTH OF GALVANIZED PIPE FROM WELL HEAD TO FOUNTAIN: 3-19 SUBMERGED
PUMP:

013085 SAMPLE TYPE WELL WATER ;SITE 0739 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/04/05/78
AIR TEMP(C)+ 15.0 ;LAT 33.594 ;LONG 97.017 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1260 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 530 ;P ALKALINITY(PPM) 104 ;M ALKALINITY(PPM) 568
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 168 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 171 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT PUMP HOUSE LOCATED APPROXIMATELY 30M
EAST OF HOUSE, OWNER A. E. MCKEE: 3-19 SUBMERGED PUMP: 1-78 A. E. MCKEE % RT. 3 % GAINESVILLE, TEXAS 76240:

013086 SAMPLE TYPE WELL WATER ;SITE 0740 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/04/05/78
AIR TEMP(C)+ 14.1 ;LAT 33.555 ;LONG 97.019 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 230 ;DISSOLVED OXYGEN(PPM) 8.3 ;WATER TEMP(C) +13.2
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 32 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 30
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET COMING OFF OF HOLDING TANK IN PUMP HOUSE
4 M BEHIND HOUSE: 3-20 BRICK CASING:

013087 SAMPLE TYPE WELL WATER ;SITE 0741 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/04/05/78
AIR TEMP(C)+ 17.3 ;LAT 33.558 ;LONG 97.058 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 345 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +15.0
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 114 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 120
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 30

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 62 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 65 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON NORTHEAST CORNER OF HOUSE, OWNER G.
E. PITNER: 3-19 SUBMERGED PUMP:

013088 SAMPLE TYPE STREAM SEDIMENT ;SITE 0742 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/12/05/78
AIR TEMP(C)+ 26.6 ;LAT 33.726 ;LONG 97.162 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 53 M INTERVAL BEGINNING JUST UPSTREAM FROM TWO LARGE OAK TREES ON OPPOSITE BANKS FROM EACH OTHER APPROXIMATELY 335 M UPSTREAM FROM WHERE STREAM FLOWS INTO RED RIVER AND ENDING 10 M DOWNSTREAM FROM LARGE OAK TREE ON WEST BANK WITH ROOTS EXTENDING DOWN TO STREAM; I-60 SOME METAL TRASH IN STREAM, POSSIBLY SOME FLOODPLAIN SEDIMENT COLLECTED, I-35 RUNS ALONG STREAM UPSTREAM FROM SAMPLE SITE:

013089 SAMPLE TYPE STREAM SEDIMENT ;SITE 0743 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/12/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.728 ;LONG 97.167 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 48 M INTERVAL BEGINNING 10 M UPSTREAM FROM FENCE LINE CROSSING STREAM APPROXIMATELY 416 M UPSTREAM FROM WHERE STREAM FLOWS INTO RED RIVER: I-60 GRAVEL PITS IN BASIN:

013090 SAMPLE TYPE STREAM SEDIMENT ;SITE 0744 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/05/78
AIR TEMP(C)+ 26.1 ;LAT 33.734 ;LONG 97.089 ;UNIT CODE LKWE ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 77 M INTERVAL BEGINNING AT FENCE LINE CROSSING STREAM APPROXIMATELY 575 M UPSTREAM FROM WHERE STREAM FLOWS INTO RED RIVER:

013091 SAMPLE TYPE STREAM SEDIMENT ;SITE 0745 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/15/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.712 ;LONG 97.126 ;UNIT CODE LKWE ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED IN CENTER AND SIDES OF STREAM OVER 64 M INTERVAL BEGINNING 20 M UPSTREAM OF FENCE CROSSING STREAM AND ENDING AT LARGE OAK TREE SUPPORTED BY ROOTS ON WEST BANK:

013092 SAMPLE TYPE STREAM SEDIMENT ;SITE 0746 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/15/05/78

AIR TEMP(C)+ 31.9 ;LAT 33.604 ;LONG 97.131 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 62 M INTERVAL
BEGINNING 81 M UPSTREAM FROM BRIDGE AND ENDING AT VERY LARGE OAK TREE ON EAST BANK; I-60 GAINSVILLE IN BASIN; RAILROAD
TRACKS IN BASIN; FAIR AMOUNT OF ALGAE IN STREAM; OIL WELLS IN BASIN;

013093 SAMPLE TYPE STREAM SEDIMENT ;SITE 0747 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/05/78
AIR TEMP(C)+ 31.8 ;LAT 33.603 ;LONG 97.123 ;UNIT CODE LKWE ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL COBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER AND SIDES OF STREAM OVER A 25 M INTERVAL;
INTERVAL STARTS 32 M UPSTREAM OF BRIDGE AND ENDS AT LARGE OAK TREE ON WEST BANK; I-60-RAILROAD TRACKS, OIL WELLS,
PART OF GAINSVILLE IN DRAINAGE BASIN; NUMEROUS PIECES OF RUSTED METAL IN STREAM BED;

013094 SAMPLE TYPE WELL WATER ;SITE 0748 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/05/78
AIR TEMP(C)+ 33.8 ;LAT 33.597 ;LONG 97.223 ;UNIT CODE LKDC ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +24.2
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 414 ;P ALKALINITY(PPM) 114 ;M ALKALINITY(PPM) 424
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. PLASTIC ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 175 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 180 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET LOCATED 2 M NORTHWEST OF PUMP
HOUSE, OWNER ELROY NEU; I-60 OWNER REPORTS THAT CHLORINE WAS PUT IN WELL WHEN DRILLED; 3-19 SUBMERGED PUMP;

013095 SAMPLE TYPE WELL WATER ;SITE 0749 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/15/05/78
AIR TEMP(C)+ 33.5 ;LAT 33.541 ;LONG 97.231 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +21.1
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 530 ;P ALKALINITY(PPM) 98 ;M ALKALINITY(PPM) 516
APPEARANCE CLEAR ;DISCHARGE(L/M) 8.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 70 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT WELL HEAD IN PUMP HOUSE LOCATED
APPROXIMATELY 40 M WEST OF BROWN AND WHITE HOUSE;

013096 SAMPLE TYPE STREAM SEDIMENT ;SITE 0750 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/05/05/78
AIR TEMP(C)+ 33.5 ;LAT 33.529 ;LONG 97.202 ;UNIT CODE LKFF ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GAINSVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 27 M INTERVAL;
INTERVAL BEGINS 85 M UPSTREAM OF BRIDGE; I-60 #1-77 SEDIMENT HAS ODOR OF REDUCING ENVIRONMENT:

013097 SAMPLE TYPE STREAM SEDIMENT ;SITE 0751 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.589 ;LONG 97.112 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 68 M INTERVAL BEGINNING
30 M UPSTREAM FROM BRIDGE AND ENDING AT LARGE TREE ON NORTHWEST BANK DOWNSTREAM FROM SHARP EASTWARD BEND IN STREAM;
I-60 OIL WELLS IN BASIN, RAILROAD IN BASIN; I-51 GEOLOGIC MAP AND INFERENCE:

013098 SAMPLE TYPE STREAM SEDIMENT ;SITE 0752 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/05/78
AIR TEMP(C)+ 21.5 ;LAT 33.575 ;LONG 97.102 ;UNIT CODE LKPD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 35 M INTERVAL BEGINNING
44 M UPSTREAM FROM BRIDGE AND ENDING JUST DOWNSTREAM FROM A SHARP NORTHEASTWARD BEND IN STREAM; I-60 OIL WELLS IN
BASIN, SOME PAPER, PLASTIC AND METAL TRASH IN STREAM; I-51 GEOLOGIC MAP AND GEOLOGIC INFERENCE:

013100 SAMPLE TYPE STREAM SEDIMENT ;SITE 0753 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/05/78
AIR TEMP(C)+ 20.6 ;LAT 33.502 ;LONG 97.083 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 57 M INTERVAL BEGINNING
AT FENCE LINE CROSSING STREAM; I-51 GEOLOGIC MAP AND INFERENCE:

013101 SAMPLE TYPE STREAM SEDIMENT ;SITE 0754 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/05/78
AIR TEMP(C)+ 20.1 ;LAT 33.523 ;LONG 97.121 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 08%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER AND ALONG SIDES OF STREAM OVER A 54 M INTERVAL
BEGINNING AT FIRST LARGE TREES ON NORTH BANK 65 M UPSTREAM FROM BRIDGE; I-60 SOME OF SEDIMENT COLLECTED WAS REDUCED,

SOME OIL WELLS AND RAILROAD TRACKS IN BASIN, POSSIBLE FERTILIZER CONTAMINATION FROM WHEAT FIELD BY STREAM:

013102 SAMPLE TYPE STREAM SEDIMENT ;SITE 0755 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/16/05/78
AIR TEMP(C)+ 22.0 ;LAT 33.515 ;LONG 97.122 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 64 M INTERVAL BEGINNING APPROXIMATELY 200 M UPSTREAM FROM BRIDGE AT LARGE TREE ON NORTH BANK THAT LEANS OUT OVER STREAM: 1-60 SOME REDUCED SEDIMENT COLLECTED:

013103 SAMPLE TYPE WELL WATER ;SITE 0756 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/16/05/78
AIR TEMP(C)+ 24.1 ;LAT 33.550 ;LONG 97.183 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 1.7 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 489 ;P ALKALINITY(PPM) 123 ;M ALKALINITY(PPM) 445
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 130 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 135 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET BY BRICK PUMP HOUSE LOCATED 15 M NORTHWEST OF HOUSE: 1-78 STEVE ADCOCK % RT 1 BOX 256 % GAINESVILLE, TEXAS, 76240:

013104 SAMPLE TYPE WELL WATER ;SITE 0757 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/16/05/78
AIR TEMP(C)+ 22.3 ;LAT 33.600 ;LONG 97.168 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1630 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +22.7
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 526 ;P ALKALINITY(PPM) 84 ;M ALKALINITY(PPM) 516
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 27
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 110 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 113 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET POURING INTO STOCK TANK 25 M WEST OF HOUSE:

013105 SAMPLE TYPE WELL WATER ;SITE 0758 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/17/05/78
AIR TEMP(C)+ 23.5 ;LAT 33.650 ;LONG 97.122 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1330 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 502 ;P ALKALINITY(PPM) 90 ;M ALKALINITY(PPM) 482

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 95 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 103 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT HOLDING TANK IN PUMP HOUSE LOCATED
20 M SOUTH OF HOUSE OF WALTER LONG.

013106 SAMPLE TYPE WELL WATER ;SITE 0759 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/17/05/78
AIR TEMP(C)+ 21.0 ;LAT 33.651 ;LONG 97.181 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1365 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +18.5
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 530 ;P ALKALINITY(PPM) 95 ;M ALKALINITY(PPM) 518
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 115 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT WELL HEAD LOCATED 10 M EAST
OF TRAILER

013107 SAMPLE TYPE WELL WATER ;SITE 0760 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.696 ;LONG 97.233 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1050 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 452 ;P ALKALINITY(PPM) 106 ;M ALKALINITY(PPM) 470
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 145 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 150 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN PUMPHOUSE LOCATED 25 M WEST
OF HOUSE, OWNER MRS. BEYER:

013108 SAMPLE TYPE WELL WATER ;SITE 0761 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.651 ;LONG 97.225 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1630 ;DISSOLVED OXYGEN(PPM) 5.6 ;WATER TEMP(C) +21.1
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 625 ;P ALKALINITY(PPM) 120 ;M ALKALINITY(PPM) 626
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. WIND ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

1-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON WINDMILL LOCATED 15 M SOUTH OF HOUSE; OWNER BERNARD GIEB; 3-25 ALKALINITY AND HORIBA TESTS ON WATER FROM STORAGE TANK, SAMPLE COLLECTED AT WELL HEAD:

013109 SAMPLE TYPE WELL WATER ;SITE 0762 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/05/78
AIR TEMP(C)+ 22.5 ;LAT 33.644 ;LONG 97.060 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 335 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 110 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 102
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN PUMP HOUSE LOCATED 30M EAST OF HOUSE, OWNER H. C. GLASS:

013110 SAMPLE TYPE WELL WATER ;SITE 0763 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/05/78
AIR TEMP(C)+ 22.1 ;LAT 33.648 ;LONG 97.006 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 0.5 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 129 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 130
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED 20 M SOUTHWEST OF HOUSE OF J. C. FRANKLIN: 1-60 METAL BUCKET AND MANILA ROPE USED TO HAUL WATER UP, SOME PARTICULATE MATTER IN WATER: 2-68 SOME PARTICULATE MATTER IN WATER; 3-19 #3-21 BUCKET AND MUSCLE POWER, PLASTIC PIPES IN WELL NOT USED: 3-20 STONE CASING:

013111 SAMPLE TYPE WELL WATER ;SITE 0764 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/04/78
AIR TEMP(C)+ 23.8 ;LAT 33.513 ;LONG 97.044 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-YL-CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 225 ;DISSOLVED OXYGEN(PPM) 0.5 ;WATER TEMP(C) +12.8
VISIBILITY(M) 1.00 ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 103 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 95
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL UNDER OAK TREE APPROXIMATELY 60 M EAST OF HOUSE: 1-60 #3-19 PLASTIC BUCKET AND NYLON & MANILA ROPE USED TO BRING WATER UP, LOTS OF WOOD DEBRIS FLOATING

ON WATER FROM COVER: 3-20 STONE CASING: 3-28 MEASURED TO WATER:

013112 SAMPLE TYPE WELL WATER ;SITE 0765 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/17/05/78
AIR TEMP(C)+ 24.3 ;LAT 33.510 ;LONG 97.018 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2470 ;DISSOLVED OXYGEN(PPM) 0.2 ;WATER TEMP(C) +17.6
VISIBILITY(M) 2.00 ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 340 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 330
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL WITH WINDMILL OVER IT 7 M EAST OF HOUSE:
I-60 USER REPORTS THAT HE THINKS A CAT DIED IN WELL, PUT LIME AND CHLOROX IN ABOUT 2 MONTHS AGO: 3-19 #3-21 PIPES
NOT USED ROPE AND METAL BUCKET USED: 3-28 MEASURED TO TOP OF WATER: I-77 SLIGHT ODOR BUT INDESCRIBABLE: I-72 GRAYISH
TINGE TO WATER:

013113 SAMPLE TYPE STREAM SEDIMENT ;SITE 0766 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/05/78
AIR TEMP(C)+ 25.5 ;LAT 33.528 ;LONG 97.183 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 07%
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER AND ON SIDES OF STREAM OVER A
45 M INTERVAL BEGINNING APPROXIMATELY 45 M UPSTREAM FROM BRIDGE:

013114 SAMPLE TYPE WELL WATER ;SITE 0767 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.514 ;LONG 97.170 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1610 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +22.2
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 483 ;P ALKALINITY(PPM) 56 ;M ALKALINITY(PPM) 464
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 85 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET OUTSIDE PUMP HOUSE WITH WINDMILL
ON TOP LOCATED 15M WEST OF HOUSE OF FRANK NEU: I-60 LARGE HOLDING TANK BEFORE SAMPLE LOCATION:

013115 SAMPLE TYPE WELL WATER ;SITE 0768 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/05/78
AIR TEMP(C)+ 27.1 ;LAT 33.508 ;LONG 97.250 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 970 ;DISSOLVED OXYGEN(PPM) 0.7 ;WATER TEMP(C) +20.4

VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 428 ;P ALKALINITY(PPM) 94 ;M ALKALINITY(PPM) 452
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 68 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 72 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GAINESVILLE SOUTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON HOLDING TANK LOCATED 20M
NORTH OF TAN BRICK HOUSE: 3-19 SUBMERGED PUMP:

013116 SAMPLE TYPE STREAM SEDIMENT ;SITE 0769 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/05/78
AIR TEMP(C)+ 29.5 ;LAT 33.591 ;LONG 97.025 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 08%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER AND ON SIDES OF STREAM OVER A 50M INTERVAL
BEGINNING APPROXIMATELY 215M UPSTREAM FROM BRIDGE: I-60 SOME REDUCED SEDIMENT COLLECTED, LOTS OF OIL WELLS IN BASIN:

013117 SAMPLE TYPE WELL WATER ;SITE 0770 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/05/78
AIR TEMP(C)+ 29.8 ;LAT 33.501 ;LONG 97.111 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1280 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +22.2
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 460 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 456
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRIVE POINT ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 117 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 123 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN WELL HOUSE LOCATED 8M WEST OF HOUSE
OWNED BY W.A. PRICE; 3-19 SUBMERGED PUMP:

013118 SAMPLE TYPE STREAM SEDIMENT ;SITE 0771 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/18/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.552 ;LONG 97.096 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 WOODBINE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 58M INTERVAL BEGINNING
30M UPSTREAM FROM LOW WATER BRIDGE CROSSING STREAM 45M UPSTREAM FROM FENCE LINE: I-60 LOTS OF REDUCED SEDIMENT, OIL
WELLS IN BASIN NEAR STREAM; I-77 REDUCED ODOR:

013120 SAMPLE TYPE WELL WATER ;SITE 0772 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.735 ;LONG 97.214 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1125 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 445 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 478
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 70 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON NORTH SIDE OF PUMP HOUSE
LOCATED 8M WEST OF HOUSE:

013121 SAMPLE TYPE WELL WATER ;SITE 0774 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/05/78
AIR TEMP(C)+ 31.5 ;LAT 33.695 ;LONG 97.009 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1125 ;DISSOLVED OXYGEN(PPM) 11.8 ;WATER TEMP(C) +21.6
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 432 ;P ALKALINITY(PPM) 59 ;M ALKALINITY(PPM) 462
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE USER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 155 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 162 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 CALLISBURG 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET IN PUMP HOUSE ON COUNTY MAINTENANCE
PROPERTY: 3-26 COUNTY MAINTENANCE SHOP USES IT:

013122 SAMPLE TYPE STREAM SEDIMENT ;SITE 0776 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/19/05/78
AIR TEMP(C)+ 32.3 ;LAT 33.749 ;LONG 97.232 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 GAINESVILLE NORTH 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 60M INTERVAL
BEGINNING 230M UPSTREAM FROM FENCE CROSSING STREAM:

013123 SAMPLE TYPE STREAM SEDIMENT ;SITE 0780 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.559 ;LONG 97.689 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR D-GY-LK ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 15%
REMARKS:
1-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD, SAMPLE COLLECTED OVER A 53M. INTERVAL GOING UPSTREAM; INTERVAL BEGINS
87M. UPSTREM OF FORK; 1-60 EARTHEN DAM APPROX. .5 KILOMETERS UPSTREAM OF SAMPLE INTERVAL; 1-77 REDUCED SEDIMENTS:

013124 SAMPLE TYPE WELL WATER ;SITE 0781 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/05/78
AIR TEMP(C)+ 29.8 ;LAT 33.504 ;LONG 97.730 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1150 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +21.9
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 481 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 495
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 22 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 22 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET .3 M. FROM THE WELL HEAD; WELL LOCATED 32 M. SOUTH OF GRAY HOUSE I-60-OIL WELL WITHIN .8 KILOMETER RADIUS OF WELL HEAD:

013125 SAMPLE TYPE STREAM SEDIMENT ;SITE 0782 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/05/78
AIR TEMP(C)+ 29.1 ;LAT 33.579 ;LONG 97.750 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.60 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 75 M. INTERVAL BEGINNING 25 M. UPSTREAM OFROAD THAT FORDS STREAM WHICH IS 287M. UPSTREAM OF FORK IN STREAM: I-60 OIL WELLS IN DRAINAGE BASIN:

013126 SAMPLE TYPE WELL WATER ;SITE 0783 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 19/23/05/78
AIR TEMP(C)+ 29.1 ;LAT 33.599 ;LONG 97.661 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +23.4
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 427 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SALONA 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET ON EAST WALL OF SMALL BRICK BUILDING 6 M. NORTH OF BRICK HOUSE; WELL LOCATED ON NORTH SIDE OF SMALL BRICK BUILDING:

013150 SAMPLE TYPE WELL WATER ;SITE 0800 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/10/04/78
AIR TEMP(C)+ 13.0 ;LAT 33.320 ;LONG 96.542 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER V WINDY-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 480 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) +16.1
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 224 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 226
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 5M WEST OF NW CORNER OF HOUSE FACING ROAD: 3-20 BRICK WALLED WELL; I-60 WATER DRAWN WITH METAL BUCKET, METAL (STEEL) CHAIN ATTACHED TO BUCKET: I-78 W. C. WALLER % RT #2 % ANNA, TX. 75003%: 3-19 BUCKET AND ROPE:

013151 SAMPLE TYPE WELL WATER ;SITE 0801 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/10/04/78

AIR TEMP(C)+ 12.5 ;LAT 33.369 ;LONG 96.505 ;UNIT CODE UKA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 500 ;DISSOLVED OXYGEN(PPM) 6.9 ;WATER TEMP(C) +17.0
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 232 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 240
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ANNA 7 1/2' TOPO, SHERMAN QUAD. SAMPLE TAKEN FROM DUG WELL 6M SW OF WEST CORNER OF HOUSE, WELL 3M FROM FARM ROAD: 3-20 BRICK WALLED WELL: 3-19 BUCKET AND ROPE:

013152 SAMPLE TYPE WELL WATER ;SITE 0802 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/10/04/78
AIR TEMP(C)+ 11.5 ;LAT 33.410 ;LONG 96.557 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +14.6
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 262 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 256
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING ;PIPE COMP. STEEL ;METERS FROM HEAD
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 35M FROM NW CORNER OF HOUSE, HOUSE AND WELL FACE FARM ROAD 3133: 3-20 BRICK WALLED WELL: 3-19 BUCKET AND ROPE: I-78 LENORAD JACKSON % RT #1 % P.O. BOX 8 % VAN ALSTYNE, TX.%:

013153 SAMPLE TYPE WELL WATER ;SITE 0803 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/10/04/78
AIR TEMP(C)+ 10.0 ;LAT 33.326 ;LONG 96.506 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) +14.4
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 260 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 256
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 20M SOUTH FROM SE CORNER OF HOUSE: 3-19 BUCKET AND ROPE: 3-20 CEMENT WALLED WELL:

013154 SAMPLE TYPE STREAM SEDIMENT ;SITE 0804 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/11/04/78
AIR TEMP(C)+ 14.0 ;LAT 33.297 ;LONG 96.597 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL GOOD ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 40M INTERVAL GOING UPSTREAM 10M FROM FORK IN STREAM AT LARGE BEND IN STREAM, 40M FROM FARM ROAD (TELEPHONE ROAD) BRIDGE:

013155 SAMPLE TYPE STREAM SEDIMENT ;SITE 0805 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/11/04/78
AIR TEMP(C)+ 16.0 ;LAT 33.424 ;LONG 96.662 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL FLOOD ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-WH-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF CREEK OVER 40M INTERVAL GOING UPSTREAM 30M FROM FARM ROAD 121 BRIDGE, STARTING AT LARGE OAK TREE ON EAST BANK:

013156 SAMPLE TYPE STREAM SEDIMENT ;SITE 0806 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/11/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.458 ;LONG 96.680 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM 20M FROM FARM ROAD BRIDGE, STARTING AT FIRST BEND IN STREAM:

013157 SAMPLE TYPE STREAM SEDIMENT ;SITE 0807 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/11/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.459 ;LONG 96.690 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.20
WATER LEVEL FLOOD ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM 30M FROM FARM ROAD BRIDGE AND WHERE ROAD TAKES A SHARP TURN SOUTH:

013158 SAMPLE TYPE STREAM SEDIMENT ;SITE 0808 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/11/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.419 ;LONG 96.677 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM 30M FROM FARM ROAD BRIDGE:

013159 SAMPLE TYPE WELL WATER ;SITE 0809 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/11/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.330 ;LONG 96.620 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 560 ;DISSOLVED OXYGEN(PPM) 1.1 ;WATER TEMP(C) +15.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 370 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 355
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 70M SOUTH OF SE CORNER OF HOUSE NEAR CHICKEN HOUSE:
3-19 BUCKET AND ROPE: 3-20 BRICK AND CEMENT WELL: 1-78 JACK LITTRELL % RT #1 % ANNA, TX. 75005%:

013161 SAMPLE TYPE STREAM SEDIMENT ;SITE 0810 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/11/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.330 ;LONG 96.618 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.40
WATER LEVEL FLOOD ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 20M INTERVAL GOING UPSTREAM 60M
SE OF LARGE BEND OF FARM ROAD: 1-70 FLOOD CONDITIONS:

013162 SAMPLE TYPE STREAM SEDIMENT ;SITE 0811 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.354 ;LONG 96.714 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 40M INTERVAL GOING UPSTREAM 30M
FROM FARM ROAD CROSSING:

013163 SAMPLE TYPE STREAM SEDIMENT ;SITE 0812 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.328 ;LONG 96.691 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL FLOOD ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS;
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 40M INTERVAL GOING UPSTREAM TO
THIRD STREAM BRANCH 100M FROM FARM ROAD CROSSING, GOING NW AT THAT POINT:

013164 SAMPLE TYPE STREAM SEDIMENT ;SITE 0813 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/11/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.456 ;LONG 96.549 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM
50M FROM FARM ROAD BRIDGE, STARTING AT GIANT OAK TREE: 1-60 CROP FIELDS, FERTILIZER:

013165 SAMPLE TYPE STREAM SEDIMENT ;SITE 0814 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/11/04/78

AIR TEMP(C)+ 20.0 ;LAT 33.455 ;LONG 96.549 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM
30M FROM FARM ROAD BRIDGE: 1-60 CANS AND BOTTLES, CROP FIELDS:

013166 SAMPLE TYPE WELL WATER ;SITE 0815 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/11/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.277 ;LONG 96.521 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +17.2
VISIBILITY(M) 0.19 ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 236 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 232
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS;
1-38 ANNA 7 1/2" TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 25 M. NW OF WEST SIDE OF HOUSE: 1-60 WOOD DEBRIS:
3-19 BUCKET AND ROPE; 3-20 BRICK AND CEMENT WALLED:

013167 SAMPLE TYPE STREAM SEDIMENT ;SITE 0816 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/12/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.425 ;LONG 96.539 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS SEWAGE ;STREAM FLOW(M/SEC) 0.08 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 08%
REMARKS:
1-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM
45M FROM FARM ROAD BRIDGE: 1-60 SEWAGE PLANT UPSTREAM, REDUCED CONDITIONS OF SEDIMENT, QUICKSAND, BOTTLES AND CANS:

013168 SAMPLE TYPE STREAM SEDIMENT ;SITE 0817 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.433 ;LONG 96.515 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS;
1-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 40M INTERVAL GOING UPSTREAM
STARTING SE 100M FROM POOR FARM ROAD TO LARGE BEND IN SISTER GROVE CREEK:

013169 SAMPLE TYPE STREAM SEDIMENT ;SITE 0818 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.434 ;LONG 96.527 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:

I-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 40M INTERVAL GOING UPSTREAM

50M FROM FARM ROAD 121 BRIDGE:

013170 SAMPLE TYPE WELL WATER ;SITE 0819 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/13/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.466 ;LONG 96.614 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 330 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 220 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 226
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 1 M FROM NE CORNER OF HOUSE: I-60 WOOD DEBRIS IN WELL, NO RECENT USE: 3-19 BUCKET AND ROPE: 3-20 BRICK WALLED:

013171 SAMPLE TYPE WELL WATER ;SITE 0820 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/13/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.468 ;LONG 96.559 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 340 ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) +17.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 225 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 220
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 3 M FROM SE CORNER OF HOUSE, WELL FACING ROAD: 3-19 BUCKET AND ROPE: 3-20 BRICK AND CEMENT:

013173 SAMPLE TYPE WELL WATER ;SITE 0821 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/13/04/78
AIR TEMP(C)+ 25.5 ;LAT 33.460 ;LONG 96.663 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 535 ;DISSOLVED OXYGEN(PPM) 6.0 ;WATER TEMP(C) +14.9
VISIBILITY(M) 1.00 ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 232 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 230
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2 M FROM NE CORNER OF HOUSE, WELL BEHIND HOUSE:
3-19 BUCKET AND ROPE: 3-20 BRICK WALLED;

013174 SAMPLE TYPE WELL WATER ;SITE 0822 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/13/04/78
AIR TEMP(C)+ 24.5 ;LAT 33.412 ;LONG 96.512 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 500 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +15.0
VISIBILITY(M) 0.50 ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 240 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 234
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2 M FROM NORTH END OF HOUSE, HOUSE NOT OCCUPIED:
3-19 BUCKET AND ROPE: 3-20 BRICK AND CEMENT WALLED:

013175 SAMPLE TYPE STREAM SEDIMENT ;SITE 0823 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/14/04/78
AIR TEMP(C)+ 25.5 ;LAT 33.362 ;LONG 96.632 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE COLLECTED THRU CENTER OF STREAM OVER 50M INTERVAL GOING UPSTREAM 50M
FROM 2ND BRIDGE EAST ON FARM ROAD 455:

013176 SAMPLE TYPE WELL WATER ;SITE 0824 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/14/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.363 ;LONG 96.620 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 200 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +15.2
VISIBILITY(M) 0.19 ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 200 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 185
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 20 M NW OF OLD STORE, WELL NOT USED: 1-60 WOOD
DEBRIS, NO RECENT USE: 3-19 BUCKET AND ROPE: 3-20 BRICK AND CEMENT: 1-78 FRANK FORD %, RT#1 %, ANNA, TX. 75003 %:

013177 SAMPLE TYPE WELL WATER ;SITE 0825 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/04/78
AIR TEMP(C)+ 19.5 ;LAT 33.377 ;LONG 96.679 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 540 ;DISSOLVED OXYGEN(PPM) 6.6 ;WATER TEMP(C) +17.4
VISIBILITY(M) 0.09 ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 320 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 310
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK BEFORE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER

REMARKS:

I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2 M SW OF SOUTH CORNER OF HOUSE, HOUSE FACES LONE STAR ROAD; 3-19 ELECTRIC PUMP; BUCKET AND ROPE USED FOR SAMPLING PURPOSES; 3-20 BRICK CASEMENT; I-78 BILLY L. ROLLINS %, RT#2 %, CELINA, TX. 75009 %;

013178 SAMPLE TYPE WELL WATER ;SITE 0826 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.360 ;LONG 96.573 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +18.0
VISIBILITY(M) 0.09 ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 290
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2 M NE OF N CORNER OF HOUSE, WELL NOT IN USE; 3-19 BUCKET AND ROPE; 3-20 BRICK CASEMENT;

013179 SAMPLE TYPE WELL WATER ;SITE 0827 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.460 ;LONG 96.513 ;UNIT CODE UKA ;VEGETATION CONIFER/DECIDUOUS/SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 400 ;DISSOLVED OXYGEN(PPM) 1.7 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 272 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 265
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2 M SE OF SOUTH CORNER OF HOUSE, WELL NOT IN USE; 3-19 BUCKET AND ROPE; 3-20 BRICK AND CEMENT CASEMENT;

013180 SAMPLE TYPE WELL WATER ;SITE 0828 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.421 ;LONG 96.611 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +17.0
VISIBILITY(M) 1.00 ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 268
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 VAN ALSTYNE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 12 M SW OF SOUTH CORNER OF HOUSE; 3-19 BUCKET AND ROPE; 3-20 BRICK WALLED;

013181 SAMPLE TYPE WELL WATER ;SITE 0829 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.420 ;LONG 96.730 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 400 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +16.6
VISIBILITY(M) 1.00 ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 275 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 270
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE STOCK/IRRIG.;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 3 M EAST FROM EAST SIDE OF HOUSE: 3-19 BUCKET AND ROPE: 3-20 BRICK CASEMENT:

013182 SAMPLE TYPE WELL WATER ;SITE 0830 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/04/78
AIR TEMP(C)+ 22.5 ;LAT 33.415 ;LONG 96.676 ;UNIT CODE UKA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 380 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +18.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 270 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 262
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 10 M EAST OF SE CORNER OF HOUSE: I-77 SULPHUR ODOR:
3-19 BUCKET AND ROPE: 3-20 BRICK CASEMENT; I-78 J. B. PITTS %, RT#2 %, VAN ALSTYNE, TX. %;

013183 SAMPLE TYPE WELL WATER ;SITE 0831 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.459 ;LONG 96.728 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 400 ;DISSOLVED OXYGEN(PPM) 6.9 ;WATER TEMP(C) +18.0
VISIBILITY(M) 0.50 ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 270 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 265
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2M SE OF SOUTH SIDE OF HOUSE, NEAR FARM ROAD: 3-19
BUCKET AND ROPE: 3-20 BRICK AND CEMENT WALLED:

013184 SAMPLE TYPE SPRING WATER ;SITE 0832 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/19/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.365 ;LONG 96.733 ;UNIT CODE UKA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 1.4 ;WATER TEMP(C) +15.5
VISIBILITY(M) 4.00 ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 292 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 283
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM SPRING FED WELL 45M WEST OF NW CORNER OF HOUSE: 3-19 BUCKET AND ROPE, ELECTRIC PUMP USED TO SEND WATER TO HOUSE: 3-20 BRICK CASEMENT: I-78 W.R. TILLERSON % RT #1 % BOX 46 % CELINA, TX.;

013185 SAMPLE TYPE WELL WATER ;SITE 0833 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/19/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.321 ;LONG 96.714 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 480 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +16.0
VISIBILITY(M) 2.00 ;PH 7.2 ;LO-ION PAP ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 292
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 3M ACROSS FROM FARM ROAD, WEST SIDE OF ROAD: I-60 WOOD DEBRIS: 3-19 BUCKET AND ROPE: 3-20 BRICK CASEMENT:

013186 SAMPLE TYPE WELL WATER ;SITE 0834 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/21/04/78
AIR TEMP(C)+ 26.5 ;LAT 33.279 ;LONG 96.664 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 620 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +19.6
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 284 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 275
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2M NW OF NORTH SIDE OF HOUSE: 3-19 BUCKET AND ROPE: 3-20 BRICK CASEMENT;

013187 SAMPLE TYPE WELL WATER ;SITE 0835 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/21/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.278 ;LONG 96.729 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +19.5
VISIBILITY(M) 0.50 ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 288
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:

1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 3M EAST OF EAST SIDE OF HOUSE: 1-60 WOOD DEBRIS:
3-19 BUCKET AND ROPE: 3-20 BRICK AND CEMENT CASEMENT:

013188 SAMPLE TYPE WELL WATER ;SITE 0836 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/21/04/78
AIR TEMP(C)+ 26.5 ;LAT 33.284 ;LONG 96.626 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 610 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +18.5
VISIBILITY(M) 0.50 ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 286 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 282
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 2M NW OF NORTH SIDE OF HOUSE: 1-60 WOOD DEBRIS,
WELL NOT IN USE: 3-19 BUCKET AND ROPE: 3-20 BRICK CASEMENT:

013189 SAMPLE TYPE WELL WATER ;SITE 0837 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.315 ;LONG 96.672 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 560 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 320 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 WESTON 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL .5M WEST AT SW CORNER OF HOUSE, WELL NOT IN USE:
1-60 WOOD DEBRIS: 3-19 BUCKET AND ROPE: 3-20 CEMENT, BRICK, AND ROCK CASEMENT:

013190 SAMPLE TYPE WELL WATER ;SITE 0838 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/04/78
AIR TEMP(C)+ 26.5 ;LAT 33.270 ;LONG 96.560 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 1.7 ;WATER TEMP(C) +17.2
VISIBILITY(M) 1.00 ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 295
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. ;METERS FROM HEAD
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 ANNA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM DUG WELL 4M NORTH SIDE OF HOUSE: 3-19 BUCKET AND ROPE: 3-20
BRICK CASEMENT:

013191 SAMPLE TYPE WELL WATER ;SITE 0839 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/24/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.456 ;LONG 96.879 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW

WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 430 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 180 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 175
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWR ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PILOT POINT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 50M SOUTH OF SE CORNER OF HOUSE, SAMPLE
TAKEN AT WELL HEAD: I-78 JOE BARTEL %, RT #1%, TIOGA, TX. 76271%:

013193 SAMPLE TYPE WELL WATER ;SITE 0840 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.460 ;LONG 96.831 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) +20.1
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 185 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 175
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 45 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 105 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 MARILEE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE AND WINDMILL 30M EAST OF SE CORNER OF HOUSE,
SAMPLE TAKEN AT WELL HEAD:

013194 SAMPLE TYPE WELL WATER ;SITE 0841 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.411 ;LONG 96.772 ;UNIT CODE UKEF ;VEGETATION CONIFER/DECIDUOUS/SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 920 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 385 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 370
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 MARILEE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PUMP HOUSE 7M SOUTH OF SW CORNER OF TRAILOR: I-78 J.B. HUNN%,
P.O. BOX 357%, CELINA, TX. 75009%:

013195 SAMPLE TYPE WELL WATER ;SITE 0842 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.449 ;LONG 96.747 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /BARREN ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) ;WATER TEMP(C) +23.5

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VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 220
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 260 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 GUNTER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMP HOUSE 20M SOUTH OF SW CORNER OF WATER TOWER, SAMPLE TAKEN AT WELL HEAD. THIS IS A MUNICIPAL WATER SAMPLE: I-78 CITY OF GUNTER %, BOX 352%, GUNTER, TX. 75058%: I-77 H2S ODOR:

013196 SAMPLE TYPE WELL WATER ;SITE 0843 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/26/04/78
AIR TEMP(C)+ 22.5 ;LAT 33.430 ;LONG 96.832 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1290 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 482 ;P ALKALINITY(PPM) 70 ;M ALKALINITY(PPM) 472
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARILEE 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE, 20M SOUTH OF SW CORNER OF HOUSE: I-78 D.R. STEWART %, 6129 PRESTON DELL %, DALLAS, TX. 75240%:

013197 SAMPLE TYPE WELL WATER ;SITE 0844 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/26/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.413 ;LONG 96.890 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1910 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +20.2
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 360 ;P ALKALINITY(PPM) 42 ;M ALKALINITY(PPM) 358
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PILOT POINT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE SE OF SE CORNER OF HOUSE: I-78 A.M. HEUMAN %, RT #1%, TIOGA, TX. %:

013198 SAMPLE TYPE WELL WATER ;SITE 0845 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/26/04/78
AIR TEMP(C)+ 21.5 ;LAT 33.410 ;LONG 96.935 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1200 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 350 ;P ALKALINITY(PPM) 35 ;M ALKALINITY(PPM) 348
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1

WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH PROBABL
E
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 55 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 PILOT POINT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 10M NORTH OF NE CORNER OF HOUSE:

013199 SAMPLE TYPE WELL WATER ;SITE 0846 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/26/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.458 ;LONG 96.942 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 220 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 210
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 PILOT POINT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE AND WINDMILL 50M WEST OF FARM ROAD, SAMPLE
TAKEN AT WELL HEAD: (BEWARE OF DOGS)

013200 SAMPLE TYPE WELL WATER ;SITE 0847 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/26/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.369 ;LONG 96.945 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 322 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 310
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMP HOUSE 10M NORTH OF NE CORNER OF HOUSE:

013201 SAMPLE TYPE WELL WATER ;SITE 0848 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 23.5 ;LAT 33.355 ;LONG 96.636 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 590 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +21.0
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 210 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 200
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 11
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 96 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HOUSE 11M SOUTH OF SE CORNER OF PUMP HOUSE, SAMPLE TAKEN FROM
FAUCET: I-78 JAMES CARGILE %, RT #1%, PILOT POINT, TX. 76258%:

013202 SAMPLE TYPE WELL WATER ;SITE 0849 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/26/04/78

AIR TEMP(C)+ 23.0 ;LAT 33.317 ;LONG 96.888 ;UNIT CODE OPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -WH ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +16.6
VISIBILITY(M) 0.19 ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 312 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE MURKY ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMP HOUSE 6M SOUTH OF SW CORNER OF HOUSE: 2-68 WATER MURKY,
WHITE IN COLOR: 1-78 BILLY LOOPER%, RT #1%, PILOT POINT, TX. %:

013203 SAMPLE TYPE WELL WATER ;SITE 0850 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/27/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.366 ;LONG 96.782 ;UNIT CODE UKEF ;VEGETATION CONIFER/DECIDUOUS/SPARSE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1170 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +15.7
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 324 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 315
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING ;PIPE COMP. STEEL ;METERS FROM HEAD 5
WRT PRESSURE TANK BEFORE ;USE STOCK/IRRIG. ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET AT WELL, WELL 3M NORTH OF NW CORNER OF HOUSE: 1-78
B. R. MARTIN %, RT #2, BOX 140%, CELINA, TX. 75009%: 3-20 BRICK CASEMENT:

013204 SAMPLE TYPE WELL WATER ;SITE 0851 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/27/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.321 ;LONG 96.784 ;UNIT CODE OPFT ;VEGETATION DECIDUOUS /BARREN ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 1180 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +31.4
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 355 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 350
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 60
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 690 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PUMP HOUSE 20M SOUTH OF SE CORNER OF WATER TOWER, MUNICIPAL
WATER SAMPLE: 2-37 SAMPLE HAD BEEN THROUGH SAND TRAP FILTER BUT NOT THROUGH CHLORINE TANK: 1-78 CITY OF CELINA %,
P.O. BOX 75%, CELINA, TX, 75009%:

013205 SAMPLE TYPE WELL WATER ;SITE 0852 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/28/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.368 ;LONG 96.846 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 550 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +20.1
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 296
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 12
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 105 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 141 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET AT HOUSE 12M EAST OF WELL HOUSE AT BACK OF HOUSE:
I-78 WILBUR RILEY &, RT #1&, PILOT POINT, TX. 76258&:

013206 SAMPLE TYPE WELL WATER ;SITE 0853 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/28/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.311 ;LONG 96.946 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 370 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 140 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 132
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. GASOLINE ;CASING ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET AT WELL, WELL 3M NORTH OF NE CORNER OF HOUSE: I-77
H2S ODOR, NOT NOTICED BY OWNER: I-78 W.L. WILSON &, RT #2&, PILOT POINT, TX. &: 3-20 CEMENT BRICK CASEMENT:

013207 SAMPLE TYPE WELL WATER ;SITE 0854 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/28/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.328 ;LONG 96.845 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 4.0 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 295
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 15M NORTH OF NW CORNER OF HOUSE, SAMPLE TAKEN
AT WELL HEAD:

013208 SAMPLE TYPE WELL WATER ;SITE 0855 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/28/04/78
AIR TEMP(C)+ 22.5 ;LAT 33.277 ;LONG 96.837 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 210 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 195
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 1

WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 10M SOUTH OF SE CORNER OF HOUSE: SAMPLE TAKEN AT WELL HEAD: (FRIENDLY DOGS)

013209 SAMPLE TYPE WELL WATER ;SITE 0856 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/29/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.278 ;LONG 96.779 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2670 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +22.2
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 890 ;P ALKALINITY(PPM) 48 ;M ALKALINITY(PPM) 900
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 200 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMP HOUSE 50M SOUTH OF SW CORNER OF HOUSE, SAMPLE TAKEN AT WELL HEAD: I-78 JACK MOORE %, RT # 2%, CELINA, TX. 75009%: I-77 ODOR DUE

013210 SAMPLE TYPE WELL WATER ;SITE 0857 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/29/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.257 ;LONG 96.892 ;UNIT CODE UKEF ;VEGETATION CONIFER/DECIDUOUS/SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 540 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +22.0
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 255 ;P ALKALINITY(PPM) 30 ;M ALKALINITY(PPM) 245
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 60
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 52 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM FAUCET AT HOUSE, 60M WEST OF WELL, AT SE CORNER OF HOUSE,:
I-78 ELMO CHESNEY %, RT #2%, AUBREY, TX. 76227%:

013212 SAMPLE TYPE WELL WATER ;SITE 0858 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/29/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.264 ;LONG 96.941 ;UNIT CODE UPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +21.7
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 250 ;P ALKALINITY(PPM) 30 ;M ALKALINITY(PPM) 247
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 85 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 20M WEST OF SW CORNER OF HOUSE, SAMPLE TAKEN AT WELL HEAD:

013213 SAMPLE TYPE STREAM SEDIMENT ;SITE 0859 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/01/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.319 ;LONG 96.891 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, COLLECTED SAMPLE THROUGH CENTER OF STREAM, STREAM POOLS, OVER A 50 M INTERVAL GOING UPSTREAM STARTING 50 M FROM HIGHWAY ROAD BRIDGE AT MUSTANG COMMUNITY, STARTED INTERVAL ON WEST BANK; T-60 ASSORTED TRASH, BOTTLES, CANS, IN STREAM VALLEY:

013214 SAMPLE TYPE STREAM SEDIMENT ;SITE 0860 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/01/05/78
AIR TEMP(C)+ 12.5 ;LAT 33.280 ;LONG 96.815 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.04 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH CENTER OF STREAM OVER 50 M INTERVAL GOING UPSTREAM STARTING 40 M FROM FARM ROAD BRIDGE, INTERVAL ENDS AT LARGE CLUMP OF TREES:

013215 SAMPLE TYPE STREAM SEDIMENT ;SITE 0861 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/01/05/78
AIR TEMP(C)+ 13.0 ;LAT 33.318 ;LONG 96.853 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 CELINA 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH CENTER OF STREAM VALLEY (POOLS) OVER 50M INTERVAL GOING UPSTREAM STARTING 30M FROM FARM ROAD CULVERT, COLLECTED BEFORE STREAM BRANCHED:

013216 SAMPLE TYPE STREAM SEDIMENT ;SITE 0862 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/01/05/78
AIR TEMP(C)+ 13.5 ;LAT 33.318 ;LONG 96.914 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.08
WATER LEVEL LOW ;BED MATERIAL SILT ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH CENTER OF STREAM VALLEY OVER 50M INTERVAL GOING UPSTREAM STARTING 300M SOUTH OF FARM ROAD BRIDGE AT LARGE GROUPING OF TREES:

013217 SAMPLE TYPE STREAM SEDIMENT ;SITE 0863 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/05/78
AIR TEMP(C)+ 13.6 ;LAT 33.309 ;LONG 96.915 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH CENTER OF STREAM VALLEY OVER 40M INTERVAL GOING UPSTREAM, STARTED 300M WEST OF FARM ROAD TO PECAN CREEK FORK:

013218 SAMPLE TYPE STREAM SEDIMENT ;SITE 0864 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 14.0 ;LAT 33.279 ;LONG 96.927 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 06%
REMARKS:
1-38 AUBREY 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH CENTER OF STREAM VALLEY OVER 50M INTERVAL GOING UPSTREAM, STARTED 600M WEST WHERE TWO FARM ROADS MEET, TOOK NE FORK OF STREAM: 1-60 TRASH, BOTTLES, CANS, SCUM, PECAN TREES:

013220 SAMPLE TYPE STREAM SEDIMENT ;SITE 0865 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.492 ;LONG 96.946 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.00
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 PILOT POINT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH CENTER OF STREAM VALLEY OVER 50M INTERVAL STARTING 30M FROM FARM ROAD BRIDGE TO BEND IN STREAM, GOING UPSTREAM:

013221 SAMPLE TYPE STREAM SEDIMENT ;SITE 0866 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/05/78
AIR TEMP(C)+ 11.5 ;LAT 33.474 ;LONG 96.976 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.00
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 PILOT POINT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THROUGH STREAM VALLEY OVER 50M INTERVAL GOING UPSTREAM STARTING 700M SOUTH OF FARM ROAD CULVERT. INTERVAL BEGINS ON WEST BANK NEAR LARGE OAK TREE:

013222 SAMPLE TYPE STREAM SEDIMENT ;SITE 0867 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.450 ;LONG 96.937 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 PILOT POINT QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL GOING UPSTREAM STARTING 400M EAST OF ROAD BEND: 1-60 BOTTLES AND CANS IN STREAM INTERVAL:

013223 SAMPLE TYPE STREAM SEDIMENT ;SITE 0868 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.450 ;LONG 96.900 ;UNIT CODE UKWT ;VEGETATION CONIFER/DECIDUOUS/DENSE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 PILOT POINT QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER 60M INTERVAL GOING UPSTREAM, DROVE 700M SOUTH TO FARM ROAD BRIDGE, STARTED 300M NE FROM ROAD BRIDGE, BEGAN INTERVAL AT THIS POINT: 1-60 TRASH DUMP, BOTTLES AND CANS:

013224 SAMPLE TYPE STREAM SEDIMENT ;SITE 0869 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/05/78

AIR TEMP(C)+ 14.0 ;LAT 33.450 ;LONG 96.850 ;UNIT CODE UKEF ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.05
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARILEE QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL STARTING 100M SOUTH AS PRIVATE FARM ROAD
DEAD ENDS, INTERVAL BEGINS 60M DOWNSTREAM FROM STREAM FORK: 1-60 BOTTLES AND COORS CANS:

013225 SAMPLE TYPE STREAM SEDIMENT ;SITE 0870 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/05/78
AIR TEMP(C)+ 14.5 ;LAT 33.458 ;LONG 96.814 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
REMARKS:
I-38 MARILEE QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 150M INTERVAL GOING UPSTREAM AND DOWNSTREAM OVER INTERVAL,
STARTING 50M NE OF FARM ROAD 121 BRIDGE:

013226 SAMPLE TYPE STREAM SEDIMENT ;SITE 0871 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/02/05/78
AIR TEMP(C)+ 14.0 ;LAT 33.430 ;LONG 96.772 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARILEE QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 40M NE OF ROAD
CULVERT, INTERVAL GOES UNTIL STREAM MEANDERS NE: 1-60 (AGAIN SOMEONE FORGOT TO PAY THE GARBAGE MAN) BOTTLES, CANS,
OLD TIRES:

013227 SAMPLE TYPE STREAM SEDIMENT ;SITE 0872 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/05/78
AIR TEMP(C)+ 15.0 ;LAT 33.392 ;LONG 96.804 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MARILEE QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 50M FROM ROAD
CULVERT. INTERVAL BEGINS 3M UPSTREAM OF LARGE DEAD TREE ON NORTH BANK: 1-60 BOTTLES AND CANS VISIBLE IN STREAM:

013228 SAMPLE TYPE STREAM SEDIMENT ;SITE 0873 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/02/05/78
AIR TEMP(C)+ 14.5 ;LAT 33.390 ;LONG 96.815 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.03 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 MARILEE QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 70M INTERVAL GOING UPSTREAM STARTING FROM ROAD CULVERT
AT SITE #872 TRAVELING WEST 1 KM DOWNSTREAM TO FIRST NORTH FORK. INTERVAL BEGINS 30M UPSTREAM OF FORK: 1-60 WHEAT
FIELDS:

013229 SAMPLE TYPE STREAM SEDIMENT ;SITE 0874 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/02/05/78
AIR TEMP(C)+ 14.0 ;LAT 33.365 ;LONG 96.822 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 CELINA QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 70M INTERVAL GOING UPSTREAM STARTING 100M FROM ROAD BRIDGE, 30M FROM ROAD (FARM ROAD #455), U.S.G.S. GAGING STATION AT BRIDGE:

013230 SAMPLE TYPE STREAM SEDIMENT ;SITE 0875 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/02/05/78
AIR TEMP(C)+ 14.0 ;LAT 33.370 ;LONG 96.822 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER CLOUDY-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 CELINA QUAD, SAMPLE TAKEN FROM CENTER OF STREAM OVER A 60M INTERVAL GOING UPSTREAM STARTING FROM ROAD BRIDGE, 550M NORTH, GOING UPSTREAM, SITE 50M UPSTREAM OF EAST STREAM BRANCH: I-60 WHEAT FIELDS:

013231 SAMPLE TYPE STREAM SEDIMENT ;SITE 0876 ;MAP NI1409 ;SAMPLER JMS ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 09/03/05/78
AIR TEMP(C)+ 18.0 ;LAT 33.291 ;LONG 96.883 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.80 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.40
WATER LEVEL FLOOD ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 AUBREY QUAD, SAMPLE COLLECTED IN CENTER OF STREAM, OVER A 150M INTERVAL GOING UPSTREAM AND DOWNSTREAM STARTING 50M FROM ROAD BRIDGE: I-60 ANOTHER TEXAS TRASH DUMP, BOTTLES AND CANS:

013232 SAMPLE TYPE STREAM SEDIMENT ;SITE 0877 ;MAP NI1409 ;SAMPLER JMS ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 10/03/05/78
AIR TEMP(C)+ 18.5 ;LAT 33.433 ;LONG 96.970 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.50
WATER LEVEL FLOOD ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 PILOT POINT QUAD, SAMPLE TAKEN FROM CENTER OF STREAM WITH GREAT DIFFICULTITY OVER A 150M INTERVAL GOING UP AND DOWNSTREAM STARTING 50M FROM ROAD BRIDGE: I-60 SCOOP ON POLE USED TO COLLECT SAMPLE, CANS, METAL DEBRIS, CHICKEN COOP FLOATING IN STREAM:

013234 SAMPLE TYPE STREAM SEDIMENT ;SITE 0878 ;MAP NI1409 ;SAMPLER JMS ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 10/03/05/78
AIR TEMP(C)+ 12.0 ;LAT 33.443 ;LONG 96.872 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 1.00 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.50
WATER LEVEL FLOOD ;BED MATERIAL SILT ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MARILEE QUAD, SAMPLE COLLECTED IN CENTER OF STREAM OVER A 100M INTERVAL GOING UP AND DOWNSTREAM STARTING 50M FROM FARM ROAD BRIDGE: I-60 BOTTLES AND CANS VISIBLE IN STREAM, SCOOP ON POLE USED TO COLLECT SAMPLE:

013250 SAMPLE TYPE STREAM SEDIMENT ;SITE 0901 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/15/02/78
AIR TEMP(C)+ 2.1 ;LAT 33.198 ;LONG 97.076 ;UNIT CODE UKHO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 1.50

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON EAST QUAD, COLLECTED IN CENTER OF STREAM AND ON WEST BANK OVER AN INTERVAL OF 10M GOING UPSTREAM STARTING 211M UPSTREAM OF FENCE; THE SITE BEGINS AT LARGE PECAN TREE ON WEST BANK; USED SCOOP ON POLE: 1-60 SEWAGE DISPOSAL PLANT UPSTREAM, PECAN GROVE, FILM ON WATER: 1-77 SLIGHT H2S ODOR ON MOST GRABS:

013251 SAMPLE TYPE WELL WATER ;SITE 0902 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/15/02/78
AIR TEMP(C)+ 1.8 ;LAT 33.180 ;LONG 97.062 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 775 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 6.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 83 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 86
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 DENTON EAST QUAD, SAMPLED WELL AT FAUCET BESIDE WELL HOUSE OF D. L. VAUGHN TRAILER: 1-60 #2-68 WATER HAS RUST PARTICLES; 3-20 BRICK CASING: 3-26 WATER NOT DRINKABLE DUE TO RUST; ONLY THE CATTLE DRINK IT:

013253 SAMPLE TYPE STREAM SEDIMENT ;SITE 0904 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/16/02/78
AIR TEMP(C)+ 2.5 ;LAT 33.040 ;LONG 97.049 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.60
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEWISVILLE WEST QUAD, COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING UPSTREAM STARTING 38M UPSTREAM OF BRIDGE; USED SCOOP ON POLE: 1-60 OCCASSIONAL TRASH:

013254 SAMPLE TYPE STREAM SEDIMENT ;SITE 0905 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/02/78
AIR TEMP(C)+ 3.1 ;LAT 33.023 ;LONG 97.042 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.04
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEWISVILLE WEST QUAD, COLLECTED IN CENTER OF STREAM OVER A 14M INTERVAL GOING UPSTREAM STARTING 70M UPSTREAM OF JUNCTION OF TRIBUTARY AND STREAM:

013255 SAMPLE TYPE STREAM SEDIMENT ;SITE 0906 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/02/78
AIR TEMP(C)+ 3.7 ;LAT 33.052 ;LONG 97.013 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:

[redacted] N I [redacted]

I-38 LEWISVILLE WEST QUAD, COLLECTED IN CENTER OF STREAM OVER A 1M INTERVAL GOING UPSTREAM STARTING 154M UPSTREAM OF JUNCTION OF TRIBUTARY AND STREAM, USED SCOOP ON POLE: I-60 METAL TRASH AND OTHER GARBAGE ON BANKS AND IN STREAM, WATER A DARK GREEN COLOR:

013256 SAMPLE TYPE STREAM SEDIMENT ;SITE 0907 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/02/78
AIR TEMP(C)+ 3.6 ;LAT 33.051 ;LONG 97.183 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 ARGYLE QUAD, COLLECTED IN CENTER OF STREAM OVER A 15M INTERVAL GOING UPSTREAM STARTING 66M UPSTREAM OF BRIDGE; THE SITE BEGINS AT FIRST LARGE TREE ON EAST BANK:

013257 SAMPLE TYPE STREAM SEDIMENT ;SITE 0908 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/16/02/78
AIR TEMP(C)+ 4.5 ;LAT 33.030 ;LONG 97.142 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 ARGYLE QUAD, COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM STARTING 105M DOWNSTREAM OF JUNCTION OF TWO TRIBUTARIES:

013258 SAMPLE TYPE STREAM SEDIMENT ;SITE 0909 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/16/02/78
AIR TEMP(C)+ 4.2 ;LAT 33.060 ;LONG 97.221 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.03
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 ARGYLE QUAD, COLLECTED IN CENTER OF STREAM OVER A 10M INTERVAL GOING UPSTREAM STARTING 50M UPSTREAM OF BRIDGE:

013259 SAMPLE TYPE STREAM SEDIMENT ;SITE 0910 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/02/78
AIR TEMP(C)+ 14.7 ;LAT 33.137 ;LONG 97.108 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 DENTON EAST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 14M INTERVAL GOING UPSTREAM STARTING 78M UPSTREAM OF ROAD. THE SITE INTERVAL BEGINS AT LARGE CEDAR TREE ON BANK: I-60 TRASH IN STREAM, USED SCOOP ON POLE:

013260 SAMPLE TYPE WELL WATER ;SITE 0911 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/02/78
AIR TEMP(C)+ 0.7 ;LAT 33.138 ;LONG 97.106 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 880 ;DISSOLVED OXYGEN(PPM) 10.7 ;WATER TEMP(C) +21.1
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 424 ;P ALKALINITY(PPM) 62 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 209 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 209 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 DENTON EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL 27M SOUTH OF SECOND TRAILER ON SOUTH SIDE OF TRAILER PARK ROAD, W. LEATHERWOOD OWNER (UNFRIENDLY):

013261 SAMPLE TYPE WELL WATER ;SITE 0912 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/21/02/78
AIR TEMP(C)+ 2.0 ;LAT 33.144 ;LONG 97.063 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 780 ;DISSOLVED OXYGEN(PPM) 12.1 ;WATER TEMP(C) +13.5
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 426 ;P ALKALINITY(PPM) 64 ;M ALKALINITY(PPM) 429
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 244 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 244 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 DENTON EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL 12M SOUTH OF WHITE HOUSE. THE WHITE HOUSE IS THE FOURTH DWELLING ON SOUTH SIDE OF ROAD AND EAST OF CURVE IN ROAD, J. F. SCHMITZ, OWNER: I-77 H2S ODOR OF WATER VERY STRONG:

013263 SAMPLE TYPE WELL WATER ;SITE 0913 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/21/02/78
AIR TEMP(C)+ 7.5 ;LAT 33.047 ;LONG 97.118 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 630 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) + 9.0
VISIBILITY(M) CLEAR ;PH 9.[illegible] PAPER ;TOTAL ALKALINITY(PPM) 340 ;P ALKALINITY(PPM) 67 ;M ALKALINITY(PPM) 342
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 17
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 244 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 284 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO PUBLICATION
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF HOUSE. THE FAUCET IS 17M EAST OF WELL HOUSE BEHIND HOUSE: 2-78 WILBUR SMITH % P.O. BOX 482 % LEWISVILLE, TX 75067:

013264 SAMPLE TYPE STREAM SEDIMENT ;SITE 0914 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/02/78
AIR TEMP(C)+ 2.2 ;LAT 33.103 ;LONG 97.085 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.70
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM STARTING 15M UPSTREAM OF PETROLEUM PIPELINE CROSSING STREAM: I-60 TRASH IN STREAM (BEER CANS), USED SCOOP ON POLE:

013265 SAMPLE TYPE STREAM SEDIMENT ;SITE 0915 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/22/02/78
AIR TEMP(C)+ 10.8 ;LAT 33.214 ;LONG 97.198 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 10M INTERVAL GOING UPSTREAM STARTING 232M UPSTREAM OF BRIDGE. THE SITE BEGINS 20M UPSTREAM OF GULLEY ON WEST BANK AT BEND IN STREAM: I-60 OCCASSIONAL TRASH, USED TRAPPER'S GLOVE AND SCOOP ON POLE, WHEAT FIELDS:

013266 SAMPLE TYPE STREAM SEDIMENT ;SITE 0916 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/02/78
AIR TEMP(C)+ 13.3 ;LAT 33.214 ;LONG 97.196 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.40
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12M INTERVAL GOING UPSTREAM STARTING 70M UPSTREAM FROM CREEK JUNCTION. SITE INTERVAL BEGINS AT "S" IN STREAM: I-60 BROKEN BOTTLES IN STREAM, USED SCOOP ON POLE:

013267 SAMPLE TYPE STREAM SEDIMENT ;SITE 0917 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/22/02/78
AIR TEMP(C)+ 19.0 ;LAT 33.189 ;LONG 97.175 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 10M INTERVAL GOING UPSTREAM STARTING 140M UPSTREAM OF JUNCTION WITH DRY FORK. INTERVAL BEGINS AT LITTLE SCRUBBY BUSH ON WEST BANK: I-60 PECAN GROVE, USED SCOOP ON POLE:

013268 SAMPLE TYPE STREAM SEDIMENT ;SITE 0918 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/02/78
AIR TEMP(C)+ 20.5 ;LAT 33.163 ;LONG 97.160 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.06 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.50
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12M INTERVAL GOING UPSTREAM STARTING 41M UPSTREAM FROM RAILROAD TRESTLE AT "S" BEND IN STREAM: I-60 TRASH, WHEAT FIELDS, USED SEDIMENT SCOOP ON POLE:

013269 SAMPLE TYPE STREAM SEDIMENT ;SITE 0919 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/02/78
AIR TEMP(C)+ 11.2 ;LAT 33.148 ;LONG 97.150 ;UNIT CODE UKWM ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM STARTING 33M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT SMALL DOUBLE TREE ON NORTH BANK: I-60 USED SCOOP ON POLE, OCCASSIONAL TRASH;

013270 SAMPLE TYPE STREAM SEDIMENT ;SITE 0920 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/02/78
AIR TEMP(C)+ 12.2 ;LAT 33.147 ;LONG 97.123 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER CALM -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.03 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 15M INTERVAL GOING UPSTREAM STARTING 38M UPSTREAM OF ROAD CULVERT, SITE INTERVAL BEGINS 2M UPSTREAM FROM PECAN TREE, EAST BANK: I-60 ASSORTED TRASH, PECAN TREES, CROP FIELDS, USED SEDIMENT SCOOP ON POLE:

013271 SAMPLE TYPE WELL WATER ;SITE 0921 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/02/78
AIR TEMP(C)+ 8.9 ;LAT 33.235 ;LONG 97.068 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 1020 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +19.6
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 450 ;P ALKALINITY(PPM) 59 ;M ALKALINITY(PPM) 426
APPEARANCE CLEAR ;DISCHARGE(L/M) 60.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 195 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 244 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 DENTON EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF WELL HOUSE AT CAPRICORN MOBILE HOME PARK, JOAN MOLIADOR OWNER: 2-37 CHLORINATER ON WATER:

013272 SAMPLE TYPE WELL WATER ;SITE 0922 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/02/78
AIR TEMP(C)+ 19.4 ;LAT 33.234 ;LONG 97.000 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1120 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 579 ;P ALKALINITY(PPM) 48 ;M ALKALINITY(PPM) 534
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 67 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 281 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD. SAMPLED WELL AT KITCHEN FAUCET OF BUD LUDWIG HOME: 3-20 CASING IS EITHER GALVANIZED OR PLASTIC:

013273 SAMPLE TYPE STREAM SEDIMENT ;SITE 0923 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/02/78
AIR TEMP(C)+ 10.2 ;LAT 33.135 ;LONG 97.122 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON EAST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING DOWNSTREAM STARTING AT BEND IN STREAM BENEATH POWER LINES: I-60 EXCESSIVE METAL TRASH UPSTREAM OF RAILROAD TRESTLE, ASSORTED TRASH IN STREAM, RAILROAD TRESTLE GRAVEL:

013274 SAMPLE TYPE STREAM SEDIMENT ;SITE 0924 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/02/78
AIR TEMP(C)+ 12.5 ;LAT 33.125 ;LONG 97.116 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 13M INTERVAL GOING UPSTREAM STARTING 57M UPSTREAM OF ROAD. THE SITE INTERVAL BEGINS AT TREE JUTTING INTO STREAM ON WEST BANK: I-60 TRASH, CROP FIELDS:

013275 SAMPLE TYPE WELL WATER ;SITE 0925 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/02/78
AIR TEMP(C)+ 14.2 ;LAT 33.139 ;LONG 97.176 ;UNIT CODE UKWH ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 685 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +13.7
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 409 ;P ALKALINITY(PPM) 76 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS, ARTESIAN ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 42
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 182 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 182 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT OUTSIDE FAUCET OF W. T. SMITH HOUSE, THE FAUCET IS 42M SOUTH OF ARTESIAN WELL: 3-20 CASING IS IRON WITH CEMENT AROUND IT: 3-21 GALVANIZED PIPE EXCEPT FOR 42M OF PLASTIC PIPE:

013276 SAMPLE TYPE STREAM SEDIMENT ;SITE 0926 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/02/78
AIR TEMP(C)+ 8.4 ;LAT 33.189 ;LONG 97.209 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 24M INTERVAL GOING UPSTREAM STARTING 40M UPSTREAM OF ROAD: I-60 WHEAT FIELDS, USED SCOOP ON POLE, STREAM WELL TRAVELED BY COWS (HAD TO SAMPLE AROUND HOOF TRACKS);

013277 SAMPLE TYPE WELL WATER ;SITE 0927 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/02/78
AIR TEMP(C)+ 13.9 ;LAT 33.232 ;LONG 97.186 ;UNIT CODE KPWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +18.2
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 411 ;P ALKALINITY(PPM) 67 ;M ALKALINITY(PPM) 432
APPEARANCE CLEAR ;DISCHARGE(L/M) 48.00 ;PRODUCING HORIZON KPWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS, ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 174 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET NORTH OF J. B. FLOYD HOUSE:

013278 SAMPLE TYPE WELL WATER ;SITE 0928 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/28/02/78
AIR TEMP(C)+ 13.1 ;LAT 33.098 ;LONG 97.107 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2605 ;DISSOLVED OXYGEN(PPM) 9.2 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 98 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 101
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL AT FAUCET ON NORTH SIDE OF ABANDONED HOUSE ON TOP OF HILL: 3-26 THE HOUSE IS SOMETIMES LIVED IN AND THEN THE WATER IS ALSO USED FOR HOUSEHOLD:

013279 SAMPLE TYPE WELL WATER ;SITE 0929 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/28/02/78
AIR TEMP(C)+ 11.8 ;LAT 33.086 ;LONG 97.052 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 490 ;DISSOLVED OXYGEN(PPM) 10.7 ;WATER TEMP(C) + 8.1
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 226 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 228
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 75
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 366 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 366 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT PUMPHOUSE BEHIND (NORTH OF) E. BURNS HOUSE: I-78 E. BURNS % RT. 2, BOX 89A % LEWISVILLE TX 75067:

013281 SAMPLE TYPE WELL WATER ;SITE 0930 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/28/02/78
AIR TEMP(C)+ 19.8 ;LAT 33.059 ;LONG 97.001 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2520 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 559 ;P ALKALINITY(PPM) 28 ;M ALKALINITY(PPM) 552
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 54 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 54 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT KITCHEN FAUCET OF SHORTY'S MINNOW SHOP: 3-26 WELL WATER USED FOR HOUSEHOLD AND TO FILL MINNOW TANKS:

013282 SAMPLE TYPE WELL WATER ;SITE 0931 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/28/02/78
AIR TEMP(C)+ 13.8 ;LAT 33.185 ;LONG 97.162 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 870 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 389 ;P ALKALINITY(PPM) 78 ;M ALKALINITY(PPM) 391
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 195 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 195 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET OUTSIDE WELLHOUSE, E.H. LINDEN, OWNER: I-78
E.H. LINDEN % RT. 1, BOX 360 % DENTON, TX 76201: I-77 VERY SOFT WATER WITH HIGH SULPHUR CONTENT:

013283 SAMPLE TYPE WELL WATER ;SITE 0932 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/01/03/78
AIR TEMP(C)+ 8.2 ;LAT 33.137 ;LONG 96.987 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 9.3 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 490 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 470
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 12
WRT PRESSURE TANK FROM ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 366 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 427 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT PIPE OPENING BESIDE PUMP FOR ROCKY ANNEX HOUSES: 2-37
WATER IS CHLORINATED 3-25 TRIED TO SAMPLE WELL ABOVE WELL AT PUMP BUT PUMP WOULD NOT KICK ON AND SO I HAD TO SAMPLE
BACKFLOW FROM THE PRESSURE TANK:

013284 SAMPLE TYPE WELL WATER ;SITE 0933 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/03/78
AIR TEMP(C)+ 8.1 ;LAT 33.234 ;LONG 97.223 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 715 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 390 ;P ALKALINITY(PPM) 100 ;M ALKALINITY(PPM) 394
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 33
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 153 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 153 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF W. SMITHERS HOUSE. THE FAUCET
IS 33M SOUTHWEST OF WELLHEAD. W. SMITHERS, OWNER:

013285 SAMPLE TYPE WELL WATER ;SITE 0934 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 7.3 ;LAT 33.128 ;LONG 97.226 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 765 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +21.7

VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 100 ;M ALKALINITY(PPM) 409
APPEARANCE CLEAR ;DISCHARGE(L/M) 120.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 98 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 176 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT PUMPHOUSE SOUTHWEST OF COLE HOUSE: 1-78 BOB F. COLE % BOX 166 % ARGYLE, TX 76226: 1-77 OWNER SAID THE BOTTOM OF HIS PRESSURE TANK WAS COVERED WITH STINKY (H2S) SLIMY BLACK SLUDGE AND HE BURPS SULPHUR AFTER DRINKING THE WATER:

013286 SAMPLE TYPE WELL WATER ;SITE 0935 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/01/03/78
AIR TEMP(C)+ 6.1 ;LAT 33.172 ;LONG 97.230 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND- ;CONTAMINANTS ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 418 ;P ALKALINITY(PPM) 99 ;M ALKALINITY(PPM) 439
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL 50M WEST OF DIRT ROAD: 3-27 I FOUND THE WINDMILL OFF AND THEN TURNED IT ON AND LET IT PUMP FOR 2 HOURS BEFORE SAMPLING:

013287 SAMPLE TYPE STREAM SEDIMENT ;SITE 0936 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/03/78
AIR TEMP(C)+ 24.1 ;LAT 33.007 ;LONG 97.184 ;UNIT CODE GAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 27M INTERVAL STARTING 25M UPSTREAM OF TALL DOUBLE TREE ON WEST BANK. THE SITE INTERVAL BEGINS 31M UPSTREAM OF WHERE AN EASTERN EXTENSION OF THE BARB WIRE FENCE WOULD INTERSECT THE STREAM: 1-71 BED MATERIAL HEAVILY FOSSILIFEROUS AND INCLUDES MANY PEBBLES:

013288 SAMPLE TYPE WELL WATER ;SITE 0937 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.052 ;LONG 97.233 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +15.3
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) 88 ;M ALKALINITY(PPM) 430
APPEARANCE CLEAR ;DISCHARGE(L/M) 160.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 107 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 177 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 8M NORTH OF WELL HEAD (WELL UNDER BLUE ALUMINUM SIDING. THE FAUCET IS ON THE SOUTH SIDE OF THE FIRST BLUE HANGER AT AERO-VALLEY AIRPORT: 1-78 MS. EDNA GARDNER WHYTE % AERO-VALLEY

AIRPORT, INC. % BETWEEN DALLPS, FT. WORTH AND DENTON TEXAS % ROANOKE, TX 76262: 3-26 WATER USED FOR OWNER'S APARTMENT AND TO WASH AIRPLANES:

013289 SAMPLE TYPE STREAM SEDIMENT ;SITE 0938 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/02/03/78
AIR TEMP(C)+ 12.2 ;LAT 33.065 ;LONG 97.249 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 14M INTERVAL GOING UPSTREAM STARTING 48M UPSTREAM OF ROAD: I-60 TRASH LITTERING BANKS AND IN STREAM: I-71 HEAVILY FOSSILIFEROUS:

013290 SAMPLE TYPE WELL WATER ;SITE 0939 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/03/78
AIR TEMP(C)+ 12.8 ;LAT 33.091 ;LONG 97.178 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 406 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 438
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 36
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 130 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 183 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON WEST SIDE OF HOUSE ON PORCH. THE FAUCET IS 35M EAST OF THE WELLHOUSE: I-78 C.D. CRYE % ROUTE1, JETER RD % ARGYLE, TX 76226: 2-68 AFTER WATER IS ALLOWED TO SIT FOR SEVERAL DAYS IT PRECIPITATES OUT A WHITE EDIMENT: 3-19 SUBMERGED PUMP

013291 SAMPLE TYPE WELL WATER ;SITE 0940 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/02/03/78
AIR TEMP(C)+ 11.2 ;LAT 33.043 ;LONG 97.168 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 470 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) +11.6
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 222 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 222
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 225
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT OUTLET TO HORSE TROUGH WEST OF BROCK HOUSE. THE OUTLET IS 250M SOUTH OF HWY 1171. OWNER SAID THEIR WELL IS UNTYPICAL OF THE AREA WATER AND IS POSSIBLY SPRING FED. HAS BEEN USED FOR OVER 30 YEARS: 1-78 E.C. BROCK % RT. 3 % BOX 164 % ROANOKE TX 76262: 3020 TILE AND CEMENT CASTING: 3-26 VERY HARD WATER, OWNER'S SON WAS UNABLE TO DRINK THE WATER FOR SEVERAL YEARS AS ITS HIGH MINERAL CONTENT GAVE HIM DIARRHEA: 3-25 40 GALLON PRESS. TANK:

013292 SAMPLE TYPE WELL WATER ;SITE 0941 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/02/78
AIR TEMP(C) ;LAT 33.236 ;LONG 97.127 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) ;DISSOLVED OXYGEN(PPM) ;WATER TEMP(C)
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 7.3 ;TOTAL ALKALINITY(PPM) 370 ;P ALKALINITY(PPM) 370 ;M ALKALINITY(PPM) 0
APPEARANCE OTHER ;DISCHARGE(L/M) 1520.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 23
WRT PRESSURE TANK NONE ;USE MUNICIPAL ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 336 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 336 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 DENTON WEST 7 1/2' TOPO OF SHERMAN QUAD, WELL SAMPLED BY WATER INSPECTOR OF DENTON WATER AND SEWER WORKS BY NORMAL STERILE PROCEDURES. THE WELL IS LOCATED ON THE CORNER OF PEACH STREET AND BELL DRIVE AND THE SAMPLE WAS TAKEN FROM THE FIRE HYDRANT ON THE CORNER: 2-68 SAND GRAINS IN WATER: 3-26 WELL RUN ONCE A MONTH TO INSURE ITS WORKABILITY: 3-39 WELL INFORMATION OBTAIN FROM EARL JONES, DENTON CITY SUPT. OF WATER AND SEWER WORKS:

013293 SAMPLE TYPE WELL WATER ;SITE 0942 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/06/03/78
AIR TEMP(C)+ 15.4 ;LAT 33.096 ;LONG 97.234 ;UNIT CODE UKWM ;VEGETATION GRASS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 780 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) 100 ;M ALKALINITY(PPM) 416
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 130 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 130 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ARGYLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL 18 M EAST OF H. FOSTER FARMHOUSE: I-78 H. FOSTER % ROUTE 2 % ROANOKE, TX 76262: 3-18 WELL DRILLED AROUND 1900:

013294 SAMPLE TYPE WELL WATER ;SITE 0943 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/03/78
AIR TEMP(C)+ 18.3 ;LAT 33.097 ;LONG 97.014 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1725 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 518 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 502
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 81 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET 35 M WEST OF T. G. YEARGAIN (REDWOOD PANELED) HOUSE: I-78 T. G. YEARGAIN % 121 HARMONY LANE % LAKE DALLAS, TX 75065: 3-25 GALVANIZED SUBMERMERSIBLE PUMP 50 M BELOW SURFACE: 3-18 WELL DRILLED IN 1969:

013295 SAMPLE TYPE WELL WATER ;SITE 0944 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/03/78
AIR TEMP(C)+ 16.0 ;LAT 33.047 ;LONG 96.941 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3365 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +18.5

VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 734 ;P ALKALINITY(PPM) 39 ;M ALKALINITY(PPM) 730
APPEARANCE CLEAR ;DISCHARGE(L/M) 190.00 ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 34 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 73 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LEWISVILLE EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET 15 M SOUTH OF L.E. DENNIS HOUSE AT THE DOUBLE D. WORM FARM: 1-78 L.E. DENNIS % ROUTE 3% BOX 451 % LEWISVILLE, TX 75056: 1-60 BRASS FAUCET A BLUE GREEN COLOR FROM WHICH SAMPLED WELL, SUBMERSIBLE BRASS PUMP 45M BELOW SURFACE:

013296 SAMPLE TYPE STREAM SEDIMENT ;SITE 0945 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/06/03/78
AIR TEMP(C)+ 15.0 ;LAT 33.028 ;LONG 96.916 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 LEWISVILLE EAST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING UPSTREAM STARTING 94 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 18M DOWNSTREAM OF TREE ON WEST BANK AT BEND IN INDIAN CREEK: 1-66 GRAVEL PITS, AGRICULTURE FIELDS: 1-71 LARGE AMOUNT OF PEBBLES:

013297 SAMPLE TYPE WELL WATER ;SITE 0946 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/06/03/78
AIR TEMP(C)+ 9.3 ;LAT 33.091 ;LONG 96.894 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4100 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 680 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 634
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 LEWISVILLE EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 2 M EAST OF WELLHOUSE. THE FAUCET IS 13 M WEST OF HOUSE; 1-60 BRASS FAUCET BLUE-GREEN AROUND OPENING, OWNER REPORTS SALTY TASTE OR SOMETIMES IRON TASTE AND OCCASSIONAL BROWN COLOR WATER LEAVES BROWN DEPOSIT, SUBMERSIBLE PUMP:

013298 SAMPLE TYPE STREAM SEDIMENT ;SITE 0947 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/07/03/78
AIR TEMP(C)+ 6.9 ;LAT 33.209 ;LONG 96.990 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12 M INTERVAL GOING UPSTREAM STARTING 80 M UPSTREAM OF BRIDGE, THE SITE INTERVAL BEGINS 6 M DOWNSTREAM OF TREE ON EAST BANK:

013300 SAMPLE TYPE STREAM SEDIMENT ;SITE 0948 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/07/03/78
AIR TEMP(C)+ 6.5 ;LAT 33.233 ;LONG 96.952 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK OVER A 72 M INTERVAL GOING UPSTREAM STARTING 63 M UPSTREAM OF ROAD. THE SITE INTERVAL BEGINS AT TREE ON EAST BANK OVERHANGING STREAM BEFORE BEND IN STREAM:

013301 SAMPLE TYPE WELL WATER ;SITE 0949 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/07/03/78
AIR TEMP(C)+ 9.4 ;LAT 33.233 ;LONG 96.949 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +16.8
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 178 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 184
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 107 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE 44M WEST OF J.W. PITTMAN HOUSE: 1-60 SOMETIMES RED TINT TO WATER AND OCCASIONAL SULPHUR SMELL OCCURS IN SUMMER: 2-37 SAMPLED WELL WATER BEFORE FILTER SYSTEM:

013302 SAMPLE TYPE WELL WATER ;SITE 0950 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/07/03/78
AIR TEMP(C)+ 7.9 ;LAT 33.230 ;LONG 96.891 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 710 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +18.5
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 356 ;P ALKALINITY(PPM) 32 ;M ALKALINITY(PPM) 352
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 116 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE 37 M WEST OF GRAY FARMHOUSE: 1-60 BRASS FAUCET CONNECTED TO PIPE IS A BLUE-GREEN COLOR, SAMPLED WELL FROM THIS FAUCET: 3-28 HIT WATER SEVERAL TIMES BEFORE STOPPED DRILLING:

013303 SAMPLE TYPE STREAM SEDIMENT ;SITE 0951 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/07/03/78
AIR TEMP(C)+ 5.8 ;LAT 33.206 ;LONG 96.880 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF PANTHER CREEK OVER A 14 M INTERVAL GOING UPSTREAM STARTING 40 M UPSTREAM OF ROAD. THE SITE INTERVAL BEGINS AT TREE ON NORTH BANK WITH EXPOSED ROOTS: 1-60 GRAVEL PITS, OCCASSIONAL TRASH:

013304 SAMPLE TYPE WELL WATER ;SITE 0952 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/07/03/78
AIR TEMP(C)+ 5.1 ;LAT 33.187 ;LONG 96.888 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2025 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +15.2
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 756 ;P ALKALINITY(PPM) 54 ;M ALKALINITY(PPM) 714
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 84 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 84 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 20 M SOUTH OF WELLHOUSE. THE FAUCET IS ON WEST SIDE OF WHITE AND TURQUOISE TRAILER WEST OF D. COULTER HOUSE: 1-78 D. COULTER % ROUTE 1 % FRISCO, TX 75034: 3-21
TOOK SAMPLE AFTER BRASS FAUCET, WELL ABOUT 10 YEARS OLD:

013305 SAMPLE TYPE STREAM SEDIMENT ;SITE 0953 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/07/03/78
AIR TEMP(C)+ 7.1 ;LAT 33.165 ;LONG 96.889 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 1.00
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON SOUTH BANK OVER A 9 M INTERVAL GOING UPSTREAM STARTING 150 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS WHERE A TREE ON NORTH BANK HAS FALLEN INTO COTTONWOOD BRANCH:
1-60 WATER EXTREMELY POLLUTED, HAS GREEN COLOR AND FILM. TRASH EVERYWHERE, STRONG ODOR, SEWAGE DISPOSAL PLANT UPSTREAM:

013306 SAMPLE TYPE WELL WATER ;SITE 0954 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/07/03/78
AIR TEMP(C)+ 7.9 ;LAT 33.142 ;LONG 96.891 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 730 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 394 ;P ALKALINITY(PPM) 32 ;M ALKALINITY(PPM) 381
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET. THE WELLHOUSE IS 4 M WEST OF VENEABLE HOUSE: 1-78 C. VENEABLE % ROUTE 1% FRISCO, TX 75034: 3-21 PLASTIC AND GALVANIZED PIPE: 3-25 SUBMERSIBLE PUMP:

013307 SAMPLE TYPE STREAM SEDIMENT ;SITE 0955 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 4.1 ;LAT 33.121 ;LONG 96.858 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.40 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 6 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 HEBRON 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 6 M INTERVAL GOING UPSTREAM STARTING 235 M UPSTREAM OF ROAD (POINT OF MASSIVE DUMPING). THE SITE INTERVAL BEGINS 6 M DOWNSTREAM OF TREE OVERHANGING STREAM ON NORTH BANK: 1-60 STREAM WATER THICK WITH GREEN ALGAE AND BANKS GREEN WITH ALGAE, TRASH IN STREAM AND ON BANKS:
1-71 ALSO LARGE AMOUNT OF PEBBLES:

013308 SAMPLE TYPE WELL WATER ;SITE 0956 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 4.0 ;LAT 33.089 ;LONG 96.831 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1160 ;DISSOLVED OXYGEN(PPM) 7.0 ;WATER TEMP(C) + 9.9
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 548 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 501
APPEARANCE CLEAR ;DISCHARGE(L/M) 722.00 ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD 15
WRT PRESSURE TANK NONE ;USE OTHER ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 290 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 290 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 HEBRON 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT OUTLET 15 M EAST OF WELL. THE OUTLET IS IN THE MIDDLE OF THE PARKING LOT OF TRINITY METROPLEX DIVISION, A CONCRETE MIXING PLANT: 3-26 THE WATER IS USED FOR MIXING THE CONCRETE: 3-39 NEIGHBOR CERTAIN THE WELL WAS AT LEAST 950 FEET: 3-21 PIPE GALVANIZED AND COLLECTED WATER AFTER 10M OF RUBBER HOSE CONNECTED TO OUTLET, PUMP SUBMERSIBLE:

013309 SAMPLE TYPE STREAM SEDIMENT ;SITE 0957 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.235 ;LONG 96.871 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SILT ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
1-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 8 M INTERVAL GOING UPSTREAM STARTING 48 M UPSTREAM OF ROAD CULVERT. THE SITE INTERVAL BEGINS 16 M UPSTREAM OF GULLEY ON SOUTH BANK AND 3 M DOWNSTREAM OF TREE ON NORTH BANK: 1-60 USED SCOOP ON POLE, CROPFIELDS, TRASH BAGS (PLASTIC) IN STREAM, SEWAGE DISPOSAL PLANT:

013310 SAMPLE TYPE STREAM SEDIMENT ;SITE 0958 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.239 ;LONG 96.871 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
1-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 10 M INTERVAL GOING UPSTREAM STARTING 38 M UPSTREAM OF BRIDGE AT TREE ON SOUTH BANK: 1-60 GRAVEL PITS, USED SCOOP ON POLE:

013311 SAMPLE TYPE WELL WATER ;SITE 0959 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/09/03/78
AIR TEMP(C)+ 7.5 ;LAT 33.190 ;LONG 96.993 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +16.8
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 161 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 162
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 18
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 55 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 18 M SOUTHEAST OF WELLHOUSE: I-78 J. COHEN %
ROUTE 1 % BOX 182 H % FRISCO, TX 75034: 3-20 CASING PROBABLY STEEL: 3-26 LARGE IRON CONTENT IN WATER, LEAVES STAIN
ON BRICK HOUSE, WATER USED TO WATER PLANTS IN NURSERY AND GARDEN: I-77 IRON SMELL:

013312 SAMPLE TYPE WELL WATER ;SITE 0960 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/09/03/78
AIR TEMP(C)+ 14.9 ;LAT 33.175 ;LONG 96.953 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 910 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 175 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 180
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 168 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 168 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF WELLHOUSE. THE WELLHOUSE IS
5 M WEST OF YELLOW HEATHERINGTON HOUSE: I-77 J. HEATHERINGTON % P. O. BOX 352 % LITTLE ELM, TX 75068: 3-19 SUBMERSIBLE
PUMP: 3-20 POSSIBLY IRON CASING: 3-21 WATER VERY SOFT, AFTER LONG TIME GET ORANGE-BROWN STAIN IN SINK AND COMMODE,
WELL ABOUT 20 YEARS OLD: 3-26 FIVE HOUSES SUPPLIED BY WELL:

013313 SAMPLE TYPE WELL WATER ;SITE 0961 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/09/03/78
AIR TEMP(C)+ 20.7 ;LAT 33.140 ;LONG 96.934 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 80 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +15.3
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 439 ;P ALKALINITY(PPM) 37 ;M ALKALINITY(PPM) 409
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE PUBLICATION

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 25
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 107 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO PUBLICATION ;WELL DEPTH(M) 137 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LITTLE ELM 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT KITCHEN FAUCET OF HORACE MOORE HOUSE. THE WELL IS 10
M SOUTH OF HOUSE UNDERNEATH RUSTED DRUM: I-60 SAMPLED AFTER STAINLESS STEELFAUCET AND COPPER PIPE IN HOUSE. HIGH
SODIUM CONTENT IN WATER: 3-20 CEMENT CASING PERFORATED AT 122 M, GALVANIZED SUBMERSIBLE PUMP: I-78 HORACE MOORE %
ROUTE 2 % FIDDLER'S GREEN % FRISCO, TX 75034:

013315 SAMPLE TYPE WELL WATER ;SITE 0962 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/09/03/78
AIR TEMP(C)+ 16.2 ;LAT 33.041 ;LONG 96.907 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4185 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 631 ;P ALKALINITY(PPM) 22 ;M ALKALINITY(PPM) 612
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 89 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 89 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 LEWISVILLE EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET IN SIDE WELLHOUSE 60 M SOUTH OF ROAD TO FARMHOUSE. THE WELLHOUSE IS A PLAIN BOARD SHED NEXT TO CHICKEN PENS ON THE H. R. BRIGHT RANCH, MR. TUCKER, OWNER: 3-20 BLACK PIPE CASING: 3-21 OBTAINED SAMPLE FROM BRASS FAUCET TINGED BLUE-GREEN, SUBMERSIBLE PUMP:

013316 SAMPLE TYPE WELL WATER ;SITE 0963 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/21/03/78
AIR TEMP(C)+ 23.2 ;LAT 33.038 ;LONG 97.061 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 680 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +18.5
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 185 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 190
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEWISVILLE WEST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF PRESSURE TANK 15 M WEST OF C.C. CAST HOUSE: 3-21 PIPE COMPOSITION PREDOMINANTLY PLASTIC, ALSO STEEL AND GALVANIZED PIPE USED: 3-26 WELL USED TO WATER LAWN, TURNED OFF IN WINTER: 2-68 ORANGISH BROWN PARTICLES SETTLED OUT OF WATER SAMPLES:

013317 SAMPLE TYPE WELL WATER ;SITE 0964 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/21/03/78
AIR TEMP(C)+ 21.2 ;LAT 33.235 ;LONG 96.795 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1450 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 286
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE OTHER ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL WITH PLASTIC BUCKET FROM THE WELL HOLE. THE WELL IS 3 M NORTH OF PADGETT HOUSE: 3-19 DROPPED BUCKET BY HAND INTO WELL HOLE FOR SAMPLE: 3-20 BRICK, CEMENT, AND LIMESTONE CASING: 3-21 THERE IS NO PIPE; 3-26 WELL USED OCCASSIONALLY IN SUMMER TO WATER PLANTS: 2-68 #1-60 WATER IS CLEAR BUT HAS LEAVES AND DIRT IN IT:

013318 SAMPLE TYPE WELL WATER ;SITE 0965 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/03/78
AIR TEMP(C)+ 22.3 ;LAT 33.223 ;LONG 96.834 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3630 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 750 ;P ALKALINITY(PPM) 29 ;M ALKALINITY(PPM) 752
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 18
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 458 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 458 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTHWEST CORNER OF HOUSE 18 M EAST OF WELL: 3-26

WATER HAS SODA TASTE:

013319 SAMPLE TYPE STREAM SEDIMENT ;SITE 0966 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/03/78
AIR TEMP(C)+ 21.0 ;LAT 33.658 ;LONG 96.439 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 22 M INTERVAL GOING UPSTREAM STARTING 30 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT CLUSTER OF TREES ON NORTHEAST BANK: 1-60 OIL DRILLING NEARBY:

013320 SAMPLE TYPE WELL WATER ;SITE 0967 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/22/03/78
AIR TEMP(C)+ 21.9 ;LAT 33.653 ;LONG 96.438 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1380 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 620 ;P ALKALINITY(PPM) 41 ;M ALKALINITY(PPM) 632
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 164 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 164 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITE WRIGHT 15-MIN TOPO OF SHERMAN QUAD. SAMPLED WELL AT FAUCET IN WELL HOUSE. WELL HOUSE IS 21 M NORTH FROM HOUSE. 3-21 PIPE GALVANIZED, FAUCET BRASS: 2-78 ROBERT BEEN % RT. 1 %, BELL, TEXAS:

013321 SAMPLE TYPE STREAM SEDIMENT ;SITE 0968 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/03/78
AIR TEMP(C)+ 25.8 ;LAT 33.583 ;LONG 96.307 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 15 M INTERVAL GOING UPSTREAM STARTING 84 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT BEND IN STREAM: 1-60 CROP FIELDS:

013322 SAMPLE TYPE WELL WATER ;SITE 0969 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/03/78
AIR TEMP(C)+ 18.8 ;LAT 33.604 ;LONG 96.283 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1260 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 451 ;P ALKALINITY(PPM) 73 ;M ALKALINITY(PPM) 459
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 85 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 85 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELL HOUSE, THE FAUCET BEFORE THE PRESSURE

TANK. THE WELL HOUSE IS 13 M EAST OF SAM E. NELSON (WHITE) HOUSE: 3-21 PIPE GALVANIZED, FAUCET BRASS: 3-26 ALSO USED FOR IRRIGATION IN SUMMER: 3-27 FAUCET HAD NOT BEEN USED RECENTLY, LET WATER RUN BEFORE SAMPLING:

013323 SAMPLE TYPE WELL WATER ;SITE 0970 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/03/78
AIR TEMP(C)+ 17.9 ;LAT 33.557 ;LONG 96.273 ;UNIT CODE UKAE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1450 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 7.6 ;LO- ON PAPER ;TOTAL ALKALINITY(PPM) 446 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 444
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 107 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 107 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ABOVE WELL HEAD INSIDE WELL HOUSE 8 M WEST OF LARRY NORRIS HOUSE: 2-68 WATER CLEAR BUT OWNER SAID IT IS SOMETIMES MILKY: 3-21 THE PIPE GALVANIZED BUT FAUCET IS BRASS AND IS A BLUE-GREEN COLOR:

013324 SAMPLE TYPE WELL WATER ;SITE 0971 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.508 ;LONG 96.277 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4530 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 762 ;P ALKALINITY(PPM) 36 ;M ALKALINITY(PPM) 732
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 28
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 91 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 107 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, THE FAUCET IS 28 M EAST OF HOUSE: SAMPLED WELL AT FAUCET ON EAST SIDE OF SOUTHERD HOUSE: 3-21 PLASTIC AND GALVANIZED AND COPPER PIPE: 2-37 OWNER SAID WATER IS VERY SOFT: 2-77 W. F. SOUTHERD C/O BOX 277 C/O RANDOLPH, TX 75475:

013325 SAMPLE TYPE STREAM SEDIMENT ;SITE 0972 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/03/78
AIR TEMP(C)+ 19.2 ;LAT 33.598 ;LONG 96.327 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL %
REMARKS:
I-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED SAMPLE ON SOUTH BANK OVER A 19 M INTERVAL GOING DOWNSTREAM STARTING 100 M DOWNSTREAM OF BRIDGE. THE SITE INTERVAL STARTS AT 3-TRUNKED OAK TREE ON NORTH BANK: 1-60 ASSORTED TRASH IN STREAM (METAL, RUBBER TIRES, ETC.):

013326 SAMPLE TYPE WELL WATER ;SITE 0973 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/03/78
AIR TEMP(C)+ 18.3 ;LAT 33.594 ;LONG 96.327 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4390 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 624 ;P ALKALINITY(PPM) 26 ;M ALKALINITY(PPM) 574
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 73 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 73 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE BRICK WELL HOUSE 14 M WEST OF RED BRICK HOUSE: 3-26 WHENEVER THEIR COMMUNITY WATER SERVICE BREAKS DOWN THEY USE THE WELL FOR HOUSEHOLD: 2-78 PIERCE FARMS % BOX 62 % ROUTE 1 % SAVOY, TX:

013327 SAMPLE TYPE STREAM SEDIMENT ;SITE 0974 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/27/03/78
AIR TEMP(C)+ 11.9 ;LAT 33.601 ;LONG 96.454 ;UNIT CODE UKAE ;VEGETAT DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 20 M INTERVAL GOING UPSTREAM STARTING 66 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT SMALL LEANING TREE ON EAST BANK: 1-60 GRAVEL PITS, ASSORTED TRASH (METAL CANS, GLASS, RUBBER, ETC) USED SCOOP ON POLE:

013328 SAMPLE TYPE STREAM SEDIMENT ;SITE 0975 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/27/03/78
AIR TEMP(C)+ 14.1 ;LAT 33.633 ;LONG 96.477 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OF STREAM OVER 13 M INTERVAL GOING UPSTREAM STARTING 117 UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT LARGE TREE JUTTING OUT OF EAST BANK BEFORE BEND IN STREAM: 1-77 AREA SMELLS LIKE SEWER THOUGH SEDIMENT DID NOT SMELL, USED SCOOP ON POLE METHOD:

013329 SAMPLE TYPE STREAM SEDIMENT ;SITE 0976 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/27/03/78
AIR TEMP(C)+ 15.7 ;LAT 33.574 ;LONG 96.453 ;UNIT CODE UKAE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 14 M INTERVAL GOING UPSTREAM STARTING 47 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 5 M DOWNSTREAM OF LARGE TREE ON WEST BANK: 1-60 TRASH, USED SCOOP ON POLE, BRIDGE CONSTRUCTION (NOT RECENT) SEVERAL HUNDRED METERS UPSTREAM OF SITE:

013330 SAMPLE TYPE STREAM SEDIMENT ;SITE 0977 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/27/03/78
AIR TEMP(C)+ 17.5 ;LAT 33.565 ;LONG 96.449 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.03
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:

I-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 15 M INTERVAL GOING UPSTREAM STARTING UPSTREAM OF JUNCTION WITH MILL CREEK. THE SITE INTERVAL BEGINS AT SHARP BEND IN STREAM: I-60 CROP FIELDS AND ASSORTED TRASH; USED SCOOP ON POLE:

013331 SAMPLE TYPE STREAM SEDIMENT ;SITE 0978 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/27/03/78
AIR TEMP(C)+ 11.5 ;LAT 33.567 ;LONG 96.451 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.80 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL %
REMARKS:
I-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OVER A 21 M INTERVAL GOING UPSTREAM STARTING 170 M UPSTREAM OF JUNCTION WITH TRIBUTARY OF MILL CREEK. THE SITE INTERVAL BEGINS 5 M DOWNSTREAM OF LARGE OAK TREE ON WEST BANK: I-60 ASSORTED TRASH (MAINLY METAL CANS), USED SCOOP ON POLE:

013332 SAMPLE TYPE WELL WATER ;SITE 0979 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/27/03/78
AIR TEMP(C)+ 19.8 ;LAT 33.546 ;LONG 96.410 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1640 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 780 ;P ALKALINITY(PPM) 88 ;M ALKALINITY(PPM) 766
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ABOVE WELLHEAD INSIDE ALUMINUM WELLHOUSE. THE WELLHOUSE IS 38M WEST OF WHITE FARMHOUSE, H. H. SEARS, OWNER: 3-26 USE WELL WATER TO WATER GARDEN AND FOR STOCK; UNTIL FALL OF 1977 USED FOR HOUSEHOLD: 3-26 WELL DRILLED IN 1936 AND HAS ALUMINUM SUBMERSIBLE PUMP: I-77 WATER OR POSSIBLY JUST WELLHOUSE SMELLS LIKE OIL: I-78 H. H. SEARS % BELLS ROUTE 1 % BELLS, TX 75414:

013333 SAMPLE TYPE STREAM SEDIMENT ;SITE 0980 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/27/03/78
AIR TEMP(C)+ 19.6 ;LAT 33.506 ;LONG 96.349 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL %
REMARKS:
I-38 WHITE RIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK OVER A 14 M INTERVAL GOING UPSTREAM STARTING 78 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT DEAD TREE TRUNK ON WEST BANK: I-60 ASSORTED TRASH, BASIN CONTAINS TOWN OF WHITE RIGHT:

013334 SAMPLE TYPE WELL WATER ;SITE 1004 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/03/04/78
AIR TEMP(C)+ 20.8 ;LAT 33.591 ;LONG 96.389 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3060 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 894 ;P ALKALINITY(PPM) 51 ;M ALKALINITY(PPM) 934
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 6

WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 42 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 138 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE 25M EAST OF LANGNER FARMHOUSE; 3-21 PIPE IS PLASTIC, GALVANIZED, AND THE FAUCET IS BRASS, THE OWNER SAID THE WATER HAD A HIGH SODA CONTENT. THE SUBMERSIBLE PUMP IS DOWN 55M; 1-78 W.K. LANGNER % RT. 1 % BOX 173A % BELLS, TX 75414;

013335 SAMPLE TYPE WELL WATER ;SITE 1005 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.510 ;LONG 96.399 ;UNIT CODE UKAG ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 950 ;DISSOLVED OXYGEN(PPM) 6.5 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 326 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 326
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK NONE ;USE OTHER ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF SANDERS HOUSE, ON 501 WEST SPRUCE STREET; 1-60 COLLECTED WATER AFTER 50 FEET OF RUBBER HOSE; 3-20 BRICK AND CEMENT CASING; 3-26 WELL USED TO WATER GARDEN, OWNER SAID WATER IS HARD; SUBMERSIBLE PUMP;

013336 SAMPLE TYPE WELL WATER ;SITE 1006 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/04/78
AIR TEMP(C)+ 21.7 ;LAT 33.497 ;LONG 96.331 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4060 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 726 ;P ALKALINITY(PPM) 28 ;M ALKALINITY(PPM) 766
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEF ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 87 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 87 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 TRENTON 7 1/2' TOPO OF SHERMAN QUAD, SAMPLE COLLECTED AT PUMP HOUSE FAUCET. THE PUMPHOUSE IS 4M EAST OF HICKS HOUSE; 3-21 PIPE IS GALVANIZED BUT THE FAUCET IS BRASS. FAUCET TINGED BLUE-GREEN; 1-77 G. HICKS % ROUTE 1 % BOX 153 % WHITERIGHT, TX 75491;

013337 SAMPLE TYPE WELL WATER ;SITE 1007 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/03/04/78
AIR TEMP(C)+ 21.9 ;LAT 33.555 ;LONG 96.323 ;UNIT CODE UKAE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 780 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 326 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 328
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKAE ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH POSSIBLE

SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BESIDE RED BRICK PUMPHOUSE. THE PUMPHOUSE IS EAST OF THE C. JONES HOUSE BESIDE LARGE DEAD TREE; 3-20 BRICK AND CEMENT CASING; 3-21 THE FAUCET IS BRASS; 1-60 OWNER SAID THE WATER IS HARD AND LEAVES A WHITE COATING; 1-78 C. JONES % ROUTE 1 % BOX 175 % WHITERIGHT, TX 75491;

013339 SAMPLE TYPE WELL WATER ;SITE 1008 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/03/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.498 ;LONG 96.441 ;UNIT CODE UKAG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 620 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 252 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 251
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:
1-38 PILOT GROVE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE. THE WELLHOUSE IS A CORRUGATED STEEL SHED IN THE MIDDLE OF A PASTURE 170M WEST OF THE MCCARTNEY HOUSE; 1-60 USED ABOUT 20 FEET OF RUBBER HOSE BEFORE COLLECTING SAMPLE; 3-20 CEMENT CASING; 3-21 PIPE MAINLY PLASTIC BUT FAUCET BRASS AND THERE WAS SOME GALVANIZED PIPE; 1-78 E.D. MCCARTNEY % RT. 2 % BOX 708 % WHITERIGHT, TX 75491;

013340 SAMPLE TYPE WELL WATER ;SITE 1009 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/03/04/78
AIR TEMP(C)+ 23.9 ;LAT 33.548 ;LONG 96.451 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 330 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 321
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE OTHER ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS;
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL WITH PLASTIC BUCKET TIED TO RUBBER HOSE AND BUCKET LOWERED INTO WELL, THE WELL IS EAST OF THE HOUSE; 3-20 CEMENT CASING; 3-21 NO PIPE USED IN SAMPLING PROCEDURE; 1-60 DIRT AND ORGANIC DEBRIS INSIDE WELL, PLASTIC PIPE IN WELL. OWNER SAID WATER CAUSED A BROWN STAIN; 3-26 WATER USED TO WATER GARDEN;

013341 SAMPLE TYPE STREAM SEDIMENT ;SITE 1010 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/04/04/78
AIR TEMP(C)+ 27.1 ;LAT 33.588 ;LONG 96.438 ;UNIT CODE UKAE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED SAMPLE IN CENTER OF STREAM OVER A 38M INTERVAL GOING UPSTREAM STARTING 35M UPSTREAM OF WHERE FARMER'S ROAD INTERSECTS STREAM. THE INTERVAL BEGINS 9M UPSTREAM OF DEAD TREE ON SOUTH BANK; 1-60 ASSORTED TRASH (METAL, RUBBER);

013342 SAMPLE TYPE WELL WATER ;SITE 1011 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/04/78
AIR TEMP(C)+ 28.2 ;LAT 33.651 ;LONG 96.404 ;UNIT CODE UKWT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1535 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 458 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 444
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 48 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 48 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE 17M WEST OF TEMPLETON FARMHOUSE:
2-68 OWNER SAID WATER IS SOMETIMES RED, BUT NOT IRON-STAINED. SUBMERSIBLE PUMP, WELL ABOUT 35 YEARS OLD:

013343 SAMPLE TYPE WELL WATER ;SITE 1012 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/04/04/78
AIR TEMP(C)+ 28.3 ;LAT 33.695 ;LONG 96.386 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 390 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +16.3
VISIBILITY(M) CLEAR ;PH 5.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 55 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 56
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET IN EAST OF PUMPHOUSE 9M WEST OF J.L. BURTON HOUSE:
2-68 SOMETIMES THE WATER HAS A RED COLOR, POSSIBLY DUE TO RUSTY PIPE: 3-18 DRILLED WITH SAND POINT THROUGH SAND UNTIL
HIT SLATE ROCK:

013344 SAMPLE TYPE WELL WATER ;SITE 1013 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/04/04/78
AIR TEMP(C)+ 29.2 ;LAT 33.696 ;LONG 96.445 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 460 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +22.0
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 152 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 146
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 57 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE GREENHOUSE 15M FROM BALDWIN HOUSE: 1-60 #2-68
WATER HAS A HIGH IRON CONTENT AND HAS A REDDISH-ORANGE COLOR, SUBMERSIBLE PUMP, PROBABLY STEEL:

013345 SAMPLE TYPE WELL WATER ;SITE 1014 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/04/04/78
AIR TEMP(C)+ 29.4 ;LAT 33.736 ;LONG 96.465 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1875 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 432 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 420
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD 60
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF CREAM COLORED WOODEN HOUSE, J.P. JONES, OWNER. THE HOUSE IS 60M WEST OF WELLHEAD IN PASTURE SOUTH OF ROAD: 3-21 MOSTLY PLASTIC PIPE, SOME GALVANIZED PIPE AND GREEN TINGED BRASS FAUCET:

013346 SAMPLE TYPE STREAM SEDIMENT ;SITE 1015 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/04/04/78
AIR TEMP(C)+ 28.9 ;LAT 33.690 ;LONG 96.369 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.03
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 50M UPSTREAM OF WHERE SAND PIT ROAD ENDS AT STREAM. THE INTERVAL BEGINS AT DEAD TREE ON SOUTH BANK: 1-60 NEARBY SAND PITS, ASSORTED TRASH:

013347 SAMPLE TYPE STREAM SEDIMENT ;SITE 1016 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/04/04/78
AIR TEMP(C)+ 29.5 ;LAT 33.678 ;LONG 96.348 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 10.00 ;WATER DEPTH(M) 2.00
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OVER A 18M INTERVAL GOING UPSTREAM STARTING 27M UPSTREAM OF BRIDGE AND 28M DOWNSTREAM OF JUNCTION WITH TRIBUTARY: 1-60 NEARBY SAND PITS, CLOSE TO RED RIVER, DIFFICULT SITE AREA:

013348 SAMPLE TYPE STREAM SEDIMENT ;SITE 1017 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/05/04/78
AIR TEMP(C)+ 22.7 ;LAT 33.726 ;LONG 96.440 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OVER A 17M INTERVAL GOING UPSTREAM STARTING 40M UPSTREAM OF WHERE FARM ROAD CROSSES STREAM, BURNETT OWNER. THE INTERVAL BEGINS AT LARGE TREE WITH OPENING IN ITS TRUNK ON THE WEST BANK: 1-60 OCCASSIONAL TRASH, OWNER SAID TWO WEEKS PREVIOUSLY THE CHOCTAW CREEK FLOODED THE AREA:

013349 SAMPLE TYPE WELL WATER ;SITE 1018 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/05/04/78
AIR TEMP(C)+ 21.4 ;LAT 33.683 ;LONG 96.330 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR --CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 585 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +17.4

VISIBILITY(M) CLEAR ;PH 6.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 132 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 128

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET NORTH OF R. CARPENTER HOUSE. THE WELLHOUSE IS APPROXIMATELY 120M NORTH OF THE FAUCET; WHITEHEAD, OWNER; 1-60 USER SAID WATER HAD A SLIGHT IRON TASTE; 3-20 CONCRETE CASING; 3-21 PIPE MAINLY GALVANIZED WITH SOME STEEL PIPE AND A BRASS FAUCET;

013350 SAMPLE TYPE STREAM SEDIMENT ;SITE 1019 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/05/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.671 ;LONG 96.270 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 17M INTERVAL GOING UPSTREAM STARTING 35M UPSTREAM OF WHERE FARMER'S ROAD CROSSES LITTLE CANEY CREEK. THE INTERVAL BEGINS AT LARGE OAK ON EAST BANK; 1-60 USED SCOOP ON POLE, CROP FIELDS (FARMER SPRAYING WITH AMMONIUM NITRATE AT TIME OF SAMPLING), 50 ACRE LAKE ABOUT A MILE UPSTREAM;

013351 SAMPLE TYPE WELL WATER ;SITE 1020 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/05/04/78
AIR TEMP(C)+ 22.3 ;LAT 33.742 ;LONG 96.284 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 765 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 322 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 320
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET 15M WEST OF HALL BRICK HOUSE; 1-78 L. HALL % RT. 1 % RAVENNA, TX 75476;

013352 SAMPLE TYPE WELL WATER ;SITE 1021 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/05/04/78
AIR TEMP(C)+ 22.2 ;LAT 33.702 ;LONG 96.273 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 765 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 282 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 284
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 24
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF F. PANNELL BRICK HOUSE. THE FAUCET

IS 24M WEST OF THE WELLHOUSE: 3-26 WELL SUPPLIES 2 HOUSEHOLDS: 2-68 OWNER SAID WATER LEAVES A BLUE COATING ON WHITE ENAMEL: 1-78 F. PANNELL % ROUTE 1 % RAVENNA, TX 75476:

013353 SAMPLE TYPE STREAM SEDIMENT ;SITE 1022 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/06/04/78
AIR TEMP(C)+ 22.1 ;LAT 33.691 ;LONG 96.314 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 22M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM OF WASHED OUT BRIDGE. THE INTERVAL BEGINS AT SYCAMORE TREE ON SOUTH BANK:

013354 SAMPLE TYPE WELL WATER ;SITE 1023 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/04/78
AIR TEMP(C)+ 21.2 ;LAT 33.643 ;LONG 96.339 ;UNIT CODE UKWL ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 298 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 14 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF THE L.B. HOUSE TRAILER HOME. THE FAUCET IS 13M WEST OF THE WELL INSIDE THE LARGE SHED EAST OF THE MOBILE HOME: 2-68 THE OWNER SAID SHE NOTICED A SKIM ON TOP OF THE WATER AFTER BOILING: 3-21 THE PIPE IS PLASTIC AND GALVANIZED:

013355 SAMPLE TYPE STREAM SEDIMENT ;SITE 1024 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/04/78
AIR TEMP(C)+ 27.1 ;LAT 33.582 ;LONG 96.339 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 0 %
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING 88M UPSTREAM OF JUNCTION OF TRIBUTARY ON SOUTH BANK. SAMPLING INTERVAL BEGINS ADJACENT TO LARGE CLUMP OF TREES ON NORTH BANK: 1-60 BOTTLES, CANS, RUBBER:

013356 SAMPLE TYPE STREAM SEDIMENT ;SITE 1025 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/04/78
AIR TEMP(C)+ 27.1 ;LAT 33.581 ;LONG 96.339 ;UNIT CODE UKAD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL GOING UPSTREAM STARTING 81M UPSTREAM OF JUNCTION WITH CANEY CREEK. THE INTERVAL BEGINS 30M UPSTREAM OF FENCE CROSSING STREAM:

013357 SAMPLE TYPE WELL WATER ;SITE 1026 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/06/04/78

AIR TEMP(C)+ 25.8 ;LAT 33.650 ;LONG 96.300 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1400 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET, CHARLES BAECHT-OWNER. THE FAUCET IS LOCATED ON SOUTH SIDE OF BAECHT HOUSE ABOUT 15M NORTH OF WELL: 3-20 BRICK AND CEMENT CASING: 3-21 MAINLY PLASTIC PIPE, 1M OF RUBBER TUBING, A SMALL AMOUNT OF GALVANIZED, AND COPPER PIPE INSIDE THE HOUSE BEFORE THE FAUCET: 3-26 WATER NOT USED TO DRINK, LEAVES A WHITE FILM:

013358 SAMPLE TYPE WELL WATER ;SITE 1027 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/06/04/78
AIR TEMP(C)+ 25.1 ;LAT 33.602 ;LONG 96.462 ;UNIT CODE UKAE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3060 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 726 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 726
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 186 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 195 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO
REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 15M SOUTH OF HOUSE. THE FAUCET IS 2M NORTH OF THE WELLHEAD:

013359 SAMPLE TYPE WELL WATER ;SITE 1028 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/11/04/78
AIR TEMP(C)+ 15.6 ;LAT 33.502 ;LONG 96.735 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1290 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 591 ;P ALKALINITY(PPM) 90 ;M ALKALINITY(PPM) 590
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 107 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 107 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM FAUCET AT WELL HEAD WHICH IS LOCATED APPROXIMATELY 40M NORTH OF HOUSE NEAR A LARGE HOLDING TANK BILL FALL ON OWNER: 1-77 OWNER SAID WATER HAS SULPHUR SMELL EXCEPT AFTER IT HAS BEEN SITTING IN PRESSURE TANK. RODS HAVE BLACK SLIME OVER A PERIOD OF TIME: 3-18 THE WELL IS ABOUT 40 YEARS OLD:

013360 SAMPLE TYPE SPRING WATER ;SITE 1029 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/11/04/78
AIR TEMP(C)+ 18.6 ;LAT 33.510 ;LONG 96.556 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND- ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 615 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +15.4
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 288 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 287
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
REMARKS:
1-38 HOWE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED SPRING FROM OLD BRICK WELL BESIDE ABANDONED WOODEN PUMPHOUSE: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE INVOLVED IN SAMPLING PROCEDURE: 1-60 I SAMPLED THE SPRING DIRECTLY FROM THE OLD WELL BY FILLING A PLASTIC BUCKET TIED TO A LEATHER BELT WITH BRASS BUCKLE: 2-68 THE WATER IS CLEAR BUT HAS ORGANIC DEBRIS: 3-27 THE WATER IS NOT PUMPED:

013362 SAMPLE TYPE WELL WATER ;SITE 1030 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/12/04/78
AIR TEMP(C)+ 16.4 ;LAT 33.646 ;LONG 96.723 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2285 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 676 ;P ALKALINITY(PPM) 49 ;M ALKALINITY(PPM) 663
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 145 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SHERMAN NW 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTHWEST CORNER OF WELL HOUSE 6M EAST OF MITCHELL BRICK HOUSE: 3-21 THE PIPE IS GALVANIZED INSIDE THE WELL AND PLASTIC LEADING TO THE FAUCET. HAS A 5 FOOT SUBMERSIBLE STEEL PUMP, WATER HAS HIGH SODA CONTENT: 1-78 EMETT MITCHELL % SHERMAN ROUTE 2% BOX 153% SHERMAN, TX 75090: 3-26 WELL SUPPLIES 2 HOUSEHOLDS:

013363 SAMPLE TYPE WELL WATER ;SITE 1031 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/12/04/78
AIR TEMP(C)+ 20.2 ;LAT 33.638 ;LONG 96.667 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1760 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 662 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 686
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 40
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 183 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 183 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO PUBLICATION
REMARKS:
1-38 SHERMAN NW 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 40M WEST OF WELL HOUSE FOR FRIENDSHIP ACRES DEVELOPEMENT. THE WELL IS APPROXIMATELY 80M SOUTH OF FIRST HOUSE: 3-26 THE WELL SUPPLIES 4 HOUSES: 3-21 GALVANIZED AND PLASTIC PIPE:

013364 SAMPLE TYPE WELL WATER ;SITE 1032 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/12/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.603 ;LONG 96.661 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +21.5

VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 286 ;P ALKALINITY(PPM) 14 ;M ALKALINITY(PPM) 266
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE USER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 275 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 275 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE RED BRICK PUMPHOUSE 15M SOUTH OF WHITE FARMHOUSE. W. C. MORRIS OWNS THE WELL; 3-19 AN OIL WELL PUMP PUMPS THE WATER; 3-26 THE WELL SUPPLIES MANY HOUSES IN THE AREA (ABOUT 15). THE WELL IS ABOUT 40 YEARS OLD; 1-60 SAMPLED WELL WATER AFTER ABOUT 8 FEET OF RUBBER HOSE;

013365 SAMPLE TYPE WELL WATER ;SITE 1033 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/12/04/78
AIR TEMP(C)+ 22.4 ;LAT 33.603 ;LONG 96.733 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 528 ;P ALKALINITY(PPM) 104 ;M ALKALINITY(PPM) 533
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 137 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 137 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF WHITE BOARD HOUSE. THE WELL IS ABOUT 10M WEST OF THE HOUSE; 1-77 USER SAID THE WATER USUALLY HAD STRONG SULPHUR ODOR AND SOMETIMES HAVE TO LET IT SIT BEFORE DRINKING. HAD THEIR WOODEN RODS REPLACED AND NOW SULPHUR NOT AS BAD; 2-68 WATER APPEARS MILKY AT FIRST AND CLEARS UP AFTER SITTING; 3-26 SUPPLIES 3 HOUSES; 3-20 CASING GOES DOWN ONLY 250 FEET;

013366 SAMPLE TYPE WELL WATER ;SITE 1034 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/12/04/78
AIR TEMP(C)+ 21.9 ;LAT 33.559 ;LONG 96.719 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 295 ;P ALKALINITY(PPM) 12 ;M ALKALINITY(PPM) 305
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE USER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 224 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 224 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF BRICK HOUSE, H. R. DOOLEY, OWNER. THE FAUCET IS 15M SOUTH OF PUMPHOUSE; 3-26 THE WELL IS USED FOR 2 HOUSES;

013367 SAMPLE TYPE WELL WATER ;SITE 1035 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/12/04/78
AIR TEMP(C)+ 24.2 ;LAT 33.504 ;LONG 96.683 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 970 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +21.3
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 450 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 454
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 20

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 221 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 221 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DORCHESTER 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON WESTSIDE OF BRICK HOUSE. THE WELL IS ABOUT 20M NORTH OF HOUSE: 3-26 THE WELL IS USED FOR SEVERAL HOUSES:

013368 SAMPLE TYPE STREAM SEDIMENT ;SITE 1036 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 09/13/04/78
AIR TEMP(C)+ 18.9 ;LAT 33.686 ;LONG 96.462 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 8.05 ;WATER DEPTH(M) 1.50
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK OVER A 60M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS AT LARGE TREE ON WEST BANK: I-60 WHEAT FIELDS, RAILROADS, USED SCOOP ON POLE FOR TWO GRABS:

013369 SAMPLE TYPE STREAM SEDIMENT ;SITE 1037 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 11/13/04/78
AIR TEMP(C)+ 20.7 ;LAT 33.623 ;LONG 96.255 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 54M UPSTREAM OF ABANDONED BRIDGE (THE ROAD HAS CHANGED). THE INTERVAL BEGINS AT LARGE DOUBLE-TRUNKED TREE ON EAST BANK: I-60 SMALL AMOUNT OF METAL TRASH IN STREAM:

013370 SAMPLE TYPE WELL WATER ;SITE 1039 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/14/04/78
AIR TEMP(C)+ 22.1 ;LAT 33.543 ;LONG 96.966 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 430 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 162 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 172
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, COLLECTED SAMPLE AT FAUCET INSIDE WELLHOUSE. THE WELLHOUSE IS 26M EAST OF J. B. COLE BRICK HOUSE; I-60 OWNERS COMMENTED ON HIGH IRON CONTENT: I-77 WATER HAD IRON ODOR: I-78 J.B. COLE % ROUTE 1 COLLINSVILLE % BOX 15 % COLLINSVILLE, TX 76233:

013372 SAMPLE TYPE WELL WATER ;SITE 1041 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/14/04/78
AIR TEMP(C)+ 25.9 ;LAT 33.519 ;LONG 96.907 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAm FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 420 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +20.0

VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 144 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 149
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 65 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 65 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF MCDONNELL BRICK HOUSE. THE FAUCET IS 4M WEST OF THE BRICK WELLHOUSE:

013373 SAMPLE TYPE WELL WATER ;SITE 1042 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/14/04/78
AIR TEMP(C)+ 25.4 ;LAT 33.521 ;LONG 96.834 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1970 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 194 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 186
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 48
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 41 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 41 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WOODEN WELLHOUSE ABOUT 15M SOUTH OF M. E. NEELY HOUSE. THE WELL IS LOCATED IN A DIFFERENT WELLHOUSE 34M NORTH OF M. E. NEELY HOUSE: 3-18 OWNER SAID WATER HAD HIGH SODA CONTENT AND WAS DRILLED IN 1963:

013375 SAMPLE TYPE WELL WATER ;SITE 1043 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/14/04/78
AIR TEMP(C)+ 28.8 ;LAT 33.555 ;LONG 96.847 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 191 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 193
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE CEMENT BLOCK WELLHOUSE 23M NORTH OF THOMPSON WHITE BOARD HOUSE: 3-26 WATER USED TO DRINK BUT NOT TO COOK, HAS HIGH AMOUNT OF IRON: 3-36 WELL ABOUT 50 YEARS OLD AND USER NOT SURE OF DEPTH:

013376 SAMPLE TYPE WELL WATER ;SITE 1044 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/14/04/78
AIR TEMP(C)+ 24.5 ;LAT 33.516 ;LONG 96.783 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2450 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 4 ;M ALKALINITY(PPM) 374
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 84 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 84 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF RED BRICK WELLHOUSE. THE WELL IS 12M WEST OF BRICK HOUSE, R. HUNTER, OWNER: 1-77 SLIGHT IRON ODOR:

013377 SAMPLE TYPE WELL WATER ;SITE 1045 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/14/04/78
AIR TEMP(C)+ 20.4 ;LAT 33.547 ;LONG 96.779 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-GY-BK ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1070 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 420 ;P ALKALINITY(PPM) 54 ;M ALKALINITY(PPM) 400
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 98 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 98 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL 20M EAST OF SCHROEDER FARMHOUSE: 2-68 OWNER SAID WATER CLEARED AFTER PUMPING 1 1/2 HOURS. TOOK SAMPLE AFTER 15 MINUTES OF PUMPING. THE WELL HAD NOT HAD MUCH RECENT USE: THE WATER WAS BLACK IN THE BUCKET THOUGH CLEAR IN THE BOTTLES. SLIME IN PIPES MIGHT BE THE CAUSE: 1-77 IRON ODOR, OWNERS SAID OFTEN SULPHUR SMELL: 1-78 OSCAR SCHROEDER % ROUTE 1% BOX 44% DORCHESTER, TX 7530:

013378 SAMPLE TYPE WELL WATER ;SITE 1046 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.182 ;LONG 96.802 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3830 ;DISSOLVED OXYGEN(PPM) 4.9 ;WATER TEMP(C) +21.6
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 700 ;P ALKALINITY(PPM) 43 ;M ALKALINITY(PPM) 702
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 140 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 140 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BESIDE PUMP ABOVE THE WELL. THE WELL IS BENEATH A WINDMILL BESIDE A LARGE CORRUGATED WAREHOUSE, SAM ROACH, OWNER: 2-68 THE WATER HAS OCCASSIONAL DIRT PARTICLES, HAS NOT BEEN PUMPED FOR 3 DAYS, THE WELL WAS DRILLED IN 1938, REPORTEDLY VERY SOFT: 1-78 SAM ROACH % HWY 289 NORTH % FRISCO,TX 75034:

013379 SAMPLE TYPE WELL WATER ;SITE 1047 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/04/78
AIR TEMP(C)+ 27.1 ;LAT 33.050 ;LONG 96.771 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1620 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +32.5
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 494 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 489
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTR. ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 3

WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 610 ;CONFID. OF PROD DEPTH POSSIBL
E
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 610 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 HEBRON 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BESIDE PRESSURE TANK. THE WELL IS LOCATED 18M WEST
OF RED BRICK HOUSE, WILLIAM WELLS, OWNER:3-26 USED FOR STOCK, IRRIGATION, AND HOUSEHOLDS' (UP TO 5 AT ONE TIME): 3-21
GALVANIZED AND PLASTIC PIPE. OWNERS HAVE HAD PROBLEMS WITH WATER CORRODING PIPES, BLACK SAND IN WATER, HIGH MINERAL
CONTENT:

013380 SAMPLE TYPE STREAM SEDIMENT ;SITE 1048 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/17/04/78
AIR TEMP(C)+ 27.5 ;LAT 33.014 ;LONG 96.815 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 HEBRON 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER AN 18M INTERVAL GOING UPSTREAM STARTING
39M UPSTREAM OF PIPELINE CROSSING STREAM AND 75 M UPSTREAM OF RAILROAD TRESTLE. THE INTERVAL BEGINS AT HUGE TREE
ON TOP OF WESTBANK:

013381 SAMPLE TYPE WELL WATER ;SITE 1049 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.098 ;LONG 96.941 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 2280 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 512 ;P ALKALINITY(PPM) 92 ;M ALKALINITY(PPM) 532
APPEARANCE CLEAR ;DISCHARGE(L/M) 80.00 ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE PUBLICATION

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 123 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 123 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO PUBLICATION
REMARKS:
I-38 LEWISVILLE EAST 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 4M EAST OF BROWN CONCRETE WELLHOUSE AT WYNWOOD
PARK: I-60 2-37 WATER IS CHLORINATED:I-77 WATER SMELLED LIKE CHLOROX:2-56 TITRATED TO YELLOW COLOR INSTEAD OF PINK:

013382 SAMPLE TYPE WELL WATER ;SITE 1050 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/18/04/78
AIR TEMP(C)+ 21.1 ;LAT 33.101 ;LONG 96.771 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 910 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 324 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 320
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 HEBRON 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTHSIDE OF CONCRETE WELLHOUSE. THE WELL IS 5M
NORTH OF WHITE FARMHOUSE: 3-20 CONCRETE CASING:

013383 SAMPLE TYPE WELL WATER ;SITE 1051 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/04/78
AIR TEMP(C)+ 23.2 ;LAT 33.028 ;LONG 96.837 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ,BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4470 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +26.8
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 730 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 694
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 512 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 512 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO PUBLICATION
REMARKS:
I-38 HEBRON 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE TIN WELLHOUSE AT INDIAN CREEK STABLES. THE WELLHOUSE IS ABOUT 100M SOUTH OF THE STABLES: 3-21 PLASTIC AND GALVANIZED PIPE:

013384 SAMPLE TYPE STREAM SEDIMENT ;SITE 1052 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/18/04/78
AIR TEMP(C)+ 24.1 ;LAT 33.103 ;LONG 96.245 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR L-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING UPSTREAM STARTING 33M UPSTREAM OF BRIDGE. THE INTERVAL STARTS 5M UPSTREAM OF COW CROSSING: 1-71 THE GRAY SILT IS COVERING A BLACK SAND:

013385 SAMPLE TYPE WELL WATER ;SITE 1053 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/18/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.138 ;LONG 96.226 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 460 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +16.0
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 60 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 63
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL WITH BUCKET AND NYLON ROPE OUT OF THE WELLHOLE. THE WELL IS ON THE SOUTH SIDE OF THE FARMHOUSE: 3-19 #1-60 #2-68 #3-26 #3-27 THE WELL IS NO LONGER USED AND THE WATER IS CLEAR BUT HAS ORGANIC DEBRIS AND DIRT PARTICLES IN IT: THE WATER WAS SAMPLED BY DROPPING A PLASTIC BUCKET AND NYLON ROPE INTO THE WELL: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE:

013386 SAMPLE TYPE STREAM SEDIMENT ;SITE 1054 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/19/04/78
AIR TEMP(C)+ 14.8 ;LAT 33.122 ;LONG 96.099 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12M INTERVAL GOING UPSTREAM STARTING 51M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS 14M UPSTREAM OF GULLEY ON SOUTH BANK: 1-60 USED SCOOP ON POLE, EXCESSIVE TRASH (MOSTLY PAPER), DRAINS PART OF GREENVILLE CITY:

013387 SAMPLE TYPE STREAM SEDIMENT ;SITE 1055 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 11.2 ;LAT 33.095 ;LONG 96.184 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL %
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12M INTERVAL GOING UPSTREAM STARTING 38M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS 5M UPSTREAM OF TREE ON EDGE OF EAST BANK: I-60 LOTS OF TRASH (RUBBER TIRES):

013388 SAMPLE TYPE STREAM SEDIMENT ;SITE 1056 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 11.8 ;LAT 33.095 ;LONG 96.170 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON EAST BANK OVER A 12M INTERVAL GOING UPSTREAM STARTING 25M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS AT TIP OF SMALL ISLAND IN STREAM: I-60 TRASH: I-77 OCCASSIONAL REDUCED SEDIMENT SMELL:

013390 SAMPLE TYPE STREAM SEDIMENT ;SITE 1057 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/19/04/78
AIR TEMP(C)+ 12.9 ;LAT 33.056 ;LONG 96.140 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON WEST BANK OVER A 35M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS AT TREE ON WEST BANK LEANING OVER FARBER CREEK: I-77 MOSTLY REDUCED SEDIMENT WITH H2S SMELL:

013391 SAMPLE TYPE STREAM SEDIMENT ;SITE 1058 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/19/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.056 ;LONG 96.135 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON WEST BANK OVER A 13M INTERVAL GOING UPSTREAM STARTING 60M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS 7M UPSTREAM OF DIVISION OF CREEK AROUND ISLAND: I-60 BROWN FILM ON WATER, TRASH OCCASSIONALLY, REDUCED SEDIMENT:

013392 SAMPLE TYPE STREAM SEDIMENT ;SITE 1059 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 13/19/04/78
AIR TEMP(C)+ 20.3 ;LAT 33.042 ;LONG 96.131 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 03%
REMARKS:

I-36 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE THE INTERVAL STARTS AT A SMALL TREE ON THE EAST BANK: BROWN FILM ON WATER, TRASH: I-77 REDUCED SEDIMENT SMELL:

013393 SAMPLE TYPE STREAM SEDIMENT ;SITE 1060 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/20/04/78
AIR TEMP(C)+ 15.4 ;LAT 33.115 ;LONG 96.036 ;UNIT CODE UKNA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL GOING UPSTREAM STARTING 44M UPSTREAM OF BRIDGE, THE INTERVAL BEGINS AT DOUBLE TRUNKED TREE ON EAST BANK: I-60 USED SCOOP ON POLE, TRASH, DUCKS SWIMMING IN SITE AREA:

013394 SAMPLE TYPE STREAM SEDIMENT ;SITE 1061 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/20/04/78
AIR TEMP(C)+ 16.9 ;LAT 33.152 ;LONG 96.060 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON EAST BANK OVER A 24M INTERVAL GOING UPSTREAM STARTING M UPSTREAM OF JUNCTION WITH WOLF CREEK. THE INTERVAL BEGINS AT MIDDLE OF BEND IN STREAM: I-60 TRASH (CORRUGATED METAL, GLASS): I-77 H2S SMELL ON ONE GRAB:

013395 SAMPLE TYPE STREAM SEDIMENT ;SITE 1062 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/20/04/78
AIR TEMP(C)+ 17.0 ;LAT 33.152 ;LONG 96.062 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON WEST BANK OVER A 16M INTERVAL GOING UPSTREAM STARTING M UPSTREAM OF JUNCTION WITH STREAM. THE INTERVAL BEGINS AT NARROWING OF STREAM: I-77 OCCASSIONAL H2S SMELL, F CED SEDIMENT; I-60 TRASH, STAGNANT FILM:

013396 SAMPLE TYPE STREAM SEDIMENT ;SITE 1063 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 14/20/04/78
AIR TEMP(C)+ 17.2 ;LAT 33.227 ;LONG 96.025 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK OVER A 18M INTERVAL GOING UPSTREAM STARTING 5M UPSTREAM OF HUGE TREE STUMP (STILL ALIVE) ON WEST BANK AT BEND IN STREAM: I-60 TRASH (MAINLY RUBBER TIRES), SOME REDUCED SEDIMENT, POSSIBLE SLUMP MATERIAL:

013397 SAMPLE TYPE STREAM SEDIMENT ;SITE 1064 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/20/04/78
AIR TEMP(C)+ 12.1 ;LAT 33.246 ;LONG 96.007 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK AND IN CENTER OF STREAM OVER A 15M INTERVAL GOING UPSTREAM STARTING AT WILLOW TREES ON BOTH BANKS AND 30M DOWNSTREAM OF BEND IN STREAM:

013398 SAMPLE TYPE STREAM SEDIMENT ;SITE 1065 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/20/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.207 ;LONG 96.114 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 14M INTERVAL GOING UPSTREAM STARTING 28M UPSTREAM OF BRIDGE. THE INTERVAL STARTS AT LARGE TREE WITH EXPOSED ROOTS ON EAST BANK: I-60 USED SCOOP ON POLE, TRASH IN STREAM, STAGNANT BROWN FILM ON WATER:

013399 SAMPLE TYPE STREAM SEDIMENT ;SITE 1066 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/21/04/78
AIR TEMP(C)+ 18.7 ;LAT 33.239 ;LONG 96.181 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER AN 18M INTERVAL GOING UPSTREAM STARTING 3M DOWNSTREAM OF TWO ENORMOUS TREES ON EAST BANK AFTER FIRST BEND IN STREAM: I-50 TRASH (BOTTLES, TIRES, AND METAL):

013400 SAMPLE TYPE WELL WATER ;SITE 1067 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/21/04/78
AIR TEMP(C)+ 21.7 ;LAT 33.209 ;LONG 96.206 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-OR-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 750 ;DISSOLVED OXYGEN(PPM) 0.5 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 236 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 238
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKPG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD,COLLECTED WATER FROM ABANDONED WELL IN PASTURE 39M NORTH OF ABANDONED WHITE BOARD HOUSE. THE WELL IS 16M WEST OF DIRT ROAD: I-60 COLLECTED WATER USING PLASTIC BUCKET DROPPED INTO WELL: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE: 3-28 #3-34 DROPPED WEIGHTED ROPE FOR DEPTHS: 3-19 NO POWER: 3-27 WELL NOT IN USE: 2-68 VERY LIGHT YELLOW COLOR WITH ORGANIC DEBRIS:

*013401 SAMPLE TYPE WELL WATER ;SITE 1068 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/21/04/78
AIR TEMP(C)+ 22.1 ;LAT 33.228 ;LONG 96.230 ;UNIT CODE UKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 490 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +15.0

VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 46 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 48

APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL BY DROPPING BUCKET INTO WELL. THE WELL IS LOCATED INSIDE LOW BRICK WALL BETWEEN TWO WHITE BOARD HOUSES: 2-68 CLEAR WITH ORGANIC DEBRIS: 3-19 NO POWER: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE: 3-26 #3-27 NOT USED: 1-60 USED PLASTIC BUCKET AND COTTON ROPE DROPPED DIRECTLY INTO WELL TO SAMPLE. POSSIBLE RAIN WATER IN WELL:3-28 #3-34 DROPPED WEIGHTED ROPE FOR DEPTHS: 1-38 THE WELL IS 6M WEST OF W. J. HAMMACK HOUSE:

013402 SAMPLE TYPE WELL WATER ;SITE 1069 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/21/04/78
AIR TEMP(C)+ 24.2 ;LAT 33.202 ;LONG 96.228 ;UNIT CODE UKPG ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR --CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1920 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +15.4
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 239 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 240
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKPG ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD. SAMPLED ABANDONED WELL AT CORNER LOT OF HWY 903 AND HWY 1569 WEST. THE HOUSE HAS BURNED DOWN AND A DECAYING WOODEN BARN IS NORTH OF THE WELL: 1-60 DROPPED PLASTIC BUCKET AND COTTON ROPE INTO WELL: 2-68 CLEAR BUT FRAGMENTS OF WOOD IN WATER: 3-19 NO POWER (ABANDONED ELECTRIC PUMP): 3-20 ROCK, BRICK, AND CEMENT: 3-21 PLASTIC PIPE INSIDE WELL BUT NOT USED FOR SAMPLING: 3-26 #3-27 WELL NOT USED:

013403 SAMPLE TYPE STREAM SEDIMENT ;SITE 1070 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 18.8 ;LAT 33.015 ;LONG 96.213 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 1.00
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON EAST BANK OVER A 18M INTERVAL GOING UPSTREAM STARTING 80M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 6M DOWNSTREAM OF GULLEY ON WEST BANK. 1-60 USED SCOOP ON POLE, SEWAGE DISPOSAL PLANT UPSTREAM:

013405 SAMPLE TYPE STREAM SEDIMENT ;SITE 1071 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 10/24/04/78
AIR TEMP(C)+ 22.1 ;LAT 33.068 ;LONG 96.003 ;UNIT CODE UKNA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 12.00 ;WATER DEPTH(M) 1.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD COLLECTED ON EAST BANK: 1-60 REDUCED SEDIMENT, USED SCOOP ON POLE, TRASH, DIFFICULT SITE, GREENVILLE CITY UPSTREAM: 1-77 SOME OF SEDIMENT IS REDUCED: 1-67 ESTIMATED DEPTH:

013406 SAMPLE TYPE STREAM SEDIMENT ;SITE 1072 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/04/78

AIR TEMP(C)+ 25.2 ;LAT 33.022 ;LONG 96.023 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CEUPSTREAM OF BRIDGE BESIDE GROUP OF SMALL TREES ON
WEST BANK: I-60 FILM ON WATER WHERE STAGNANT, USED SCOOP ON POLE:

013407 SAMPLE TYPE STREAM SEDIMENT ;SITE 1073 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/24/04/78
AIR TEMP(C)+ 23.9 ;LAT 33.037 ;LONG 96.053 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON SOUTH BANK OVER A 10 M INTERVAL GOING UPSTREAM STARTING
120 M DOWN STREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT SMALL BEND IN STREAM: I-60 USED SCOOP ON POLE, TRASH, REDUCED
SEDIMENT (SOME):

013408 SAMPLE TYPE WELL WATER ;SITE 1074 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/04/78
AIR TEMP(C)+ 23.2 ;LAT 33.042 ;LONG 96.059 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1670 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +15.6
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 459 ;P ALKALINITY(PPM) 59 ;M ALKALINITY(PPM) 469
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKN ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 74 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE RED BRICK WELL HOUSE ABOUT 15M SOUTH
OF DORIS ROUNDTREE RED BRICK HOUSE AND NORTH OF COMBEST HOUSE; I-68 CLEAR BUT CONTAINS GRAY SAND: 3-26 SUPPLIES 2
HOUSES: 3-21 BLUE-COATED PIPES AND FAUCET: I-78 A. COMBEST % GREENVILLE ROUTE 5% BOX 325 % GREENVILLE, TX 75401:
I-78 D. ROUNDTREE % 304 N. WEST % PAMPA, TX 76905:

013409 SAMPLE TYPE WELL WATER ;SITE 1075 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/24/04/78
AIR TEMP(C)+ 23.8 ;LAT 33.038 ;LONG 96.086 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 510 ;DISSOLVED OXYGEN(PPM) 9.1 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 76 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 80
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKN ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 24
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 79 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 79 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 24M NORTH OF WHITE PUMP HOUSE. THE WELL IS
80M EAST OF THE BARN AND BUNKHOUSE, B. J. BROWNING, OWNER:

013410 SAMPLE TYPE STREAM SEDIMENT ;SITE 1076 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/04/78
AIR TEMP(C)+ 23.1 ;LAT 33.003 ;LONG 96.134 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 1.00
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 7 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK OVER A 12M INTERVAL GOING UPSTREAM STARTING 35M UPSTREAM OF ROAD. THE INTERVAL STARTS AT BEND IN STREAM; I-60 TRASH, USED SCOOP ON POLE, REDUCED SEDIMENT:

013411 SAMPLE TYPE STREAM SEDIMENT ;SITE 1077 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/04/78
AIR TEMP(C)+ 25.2 ;LAT 33.003 ;LONG 96.175 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12M INTERVAL GOING UPSTREAM STARTING 25M UPSTREAM OF ABANDONED BRIDGE (ROAD HAS CHANGED). THE INTERVAL BEGINS AT BEND IN STREAM; I-60 EXCESSIVE TRASH, USED SCOOP ON POLE, STAGNANT FILM ON SURFACE:

013412 SAMPLE TYPE WELL WATER ;SITE 1040 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/04/78
AIR TEMP(C)+ 21.5 ;LAT 33.506 ;LONG 96.954 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1540 ;DISSOLVED OXYGEN(PPM) 8.2 ;WATER TEMP(C) +19.4
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 481 ;P ALKALINITY(PPM) 30 ;M ALKALINITY(PPM) 470
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE PUBLICATION

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 14
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WHITESBORO 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT IRRIGATION SPICKET 14M EAST OF WELLHOUSE AND 16M WEST OF RANCH HOUSE, HUMPHREY OWNER; I-60 HAND IN SPICKET FLOW DURING SAMPLING PROCEDURE; 3-21 GALVANIZED PIPE INSIDE WELL AND COPPER AND PLASTIC PIPE TO SPICKET:

013413 SAMPLE TYPE WELL WATER ;SITE 1078 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/04/78
AIR TEMP(C)+ 17.8 ;LAT 33.103 ;LONG 96.217 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 4160 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 218 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 222
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 14
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 17 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 17 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF R. T. GREEN FARMHOUSE. THE

FAUCET IS 14M EAST OF WELL: 1-60 SAMPLED WATER AFTER 4.5M OF RUBBER HOSE (1-60 CONTINUED) AND RAINWATER IN WELL:

2-37 ABOUT 1MONTH AGO THE OWNER POURED A QUART OF MORTON'S SALT AND SOME CHLOROX INTO WELL: 3-20 CONCRETE CASING: 3-21 PLASTIC AND GALVANIZED IRON PIPE: 1-77 OWNER SAID OFTEN HAVE SULPHUR SMELL: 1-78 R.T. GREEN% ROUTE 1% CADDOMILLS, TX 75005: 3-26 NOT USED FOR DRINKING BUT FOR KITCHEN AND TOILETS:

013414 SAMPLE TYPE WELL WATER ;SITE 1079 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/25/04/78
AIR TEMP(C)+ 16.8 ;LAT 33.137 ;LONG 96.167 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 680 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 250 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 242
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL BY DROPPING PLASTIC BUCKET INTO ABANDONED BRICK WELL 2M SOUTH OF ABANDONED BRICK HOUSE: 3-19 NO POWER: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE: 3-26 # 3-27 THE WELL IS ABANDONED: 1-60 WELL UNCOVERED AND CONTAINS ORGANIC DEBRIS AND RAINWATER. MAY POSSIBLY BE A CISTERN: 2-60 CLEAR BUT CONTAINS ORGANIC DEBRIS: 3-28 # 3-34 DROPPED WEIGHTED ROPE FOR DEPTH:

013416 SAMPLE TYPE WELL WATER ;SITE 1080 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/26/04/78
AIR TEMP(C)+ 17.2 ;LAT 33.042 ;LONG 96.176 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 540 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +16.3
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 125 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 130
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GREENVILLE SW 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL BY DROPPING BUCKET INTO WELL LOCATED ON SOUTH SIDE OF G. WILLIAMS BRICK HOUSE: 2-68 CLEAR BUT CONTAINS DIRT AND ORGANIC DEBRIS: 3-19 NO POWER: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE: 3-26 #3-27 WELL NOT USED: 1-78 GLEN WILLIAMS % ROUTE 1 % CADDO MILLS, TX 75005:

013417 SAMPLE TYPE WELL WATER ;SITE 1081 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/26/04/78
AIR TEMP(C)+ 18.9 ;LAT 33.091 ;LONG 96.100 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 5430 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 288 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 294
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKN ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:

I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL BY DROPPING BUCKET INTO ABANDONED BRICK WELL LOCATED ABOUT 60M EAST OF CLIFTON SMITH HOUSE. THE WELL IS IN A PASTURE EAST OF THE HOUSE AND NORTH OF AN OLD BARN: 2-68 CLEAR AND CONTAINS DIRT AND ORGANIC DEBRIS: 3-19 PUMP NOT USED: 3-20 BRICK AND CEMENT CASING: 3-21 PLASTIC PIPE INSIDE WELL HOLE BUT SAMPLE DID NOT FLOW THROUGH PIPE: 3-25 #3-26 #3-27 THE PUMP AND PRESSURE TANK IS NOT USED: 3-28 #3-34 DROPPED WEIGHTED ROPE FOR DEPTH:

013418 SAMPLE TYPE WELL WATER ;SITE 1082 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/26/04/78
AIR TEMP(C)+ 20.6 ;LAT 33.088 ;LONG 96.046 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3290 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 402
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKN ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE STOCK/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 37 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 37 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO
REMARKS:
I-38 GREENVILLE SE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF BRICK ENCLOSURE AROUND WELL. THE WELL IS LOCATED 6M WEST OF THE J. J. JONES HOUSE: 3-26 THE OWNER ALSO DRINKS THE WATER. THE SUBMERSIBLE PUMP IS AT 100 FEET. THE WATER MAY BE HIGH IN SODA, AND CONTAINS IRON: I-78 J. J. JONES % RURAL ROUTE 5% BOX 154% GREENVILLE, TX:

013419 SAMPLE TYPE WELL WATER ;SITE 1083 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/26/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.136 ;LONG 96.051 ;UNIT CODE UKN ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 380 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 60 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 58
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKNA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OTHER
REMARKS;
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTHWEST SIDE OF SMALL WHITE PUMP HOUSE. THE FAUCET IS 1.5M WEST OF WELL, J. FORGA OWNER: 3-20 CEMENT AND BRICK CASING: 3-26 USED TO WATER GARDEN AND YARD: I-77 SLIGHT IRON ODOR: 3-34 DEPTH UNKNOWN: 3-28 UNKNOWN: I-78 J. FORGA % ROUTE 2 % BOX 95 % GREENVILLE, TX 75401:

013420 SAMPLE TYPE STREAM SEDIMENT ;SITE 1084 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/26/04/78
AIR TEMP(C)+ 22.6 ;LAT 33.162 ;LONG 96.087 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.80
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 15%
REMARKS;
I-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OVER A 12M INTERVAL GOING UPSTREAM STARTING 36M UPSTREAM OF BRIDGE AND 6M DOWNSTREAM OF LARGE TREE ON EAST BANK: I-60 CROP FIELDS, TRASH, REDUCED SEDIMENT:

013421 SAMPLE TYPE WELL WATER ;SITE 1085 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/26/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.190 ;LONG 96.054 ;UNIT CODE UKNE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 680 ;DISSOLVED OXYGEN(PPM) 8.5 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 224 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 216
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKNE ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 GREENVILLE NE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED ABANDONED BRICK WELL 7M NORTH OF ABANDONED WHITE BOARD FARM
HOUSE. THE WELL HAS "J. J. HANEY 1909" WRITTEN IN THE CEMENT TOP: 1-60 SAMPLED WELL BY DROPPING PLASTIC BUCKET AND
COTTON ROPE DIRECTLY INTO WELL: 3-19 NO POWER: 3-20 BRICK AND CEMENT CASING: 3-21 NO PIPE: 3-26 #3-27 ABANDONED WELL;
WELL WAS DUG IN 1909: 3-28 #3-34 DROPPED WEIGHTED ROPE FOR DEPTH:

013422 SAMPLE TYPE WELL WATER ;SITE 1086 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.179 ;LONG 96.169 ;UNIT CODE UKMB ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-OR-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 960 ;DISSOLVED OXYGEN(PPM) 7.3 ;WATER TEMP(C) +14.6
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 234 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 238
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKMB ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 GREENVILLE NW 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL BY DROPPING BUCKET INTO WELL. THE WELL IS LOCATED 6M
WEST OF CORRUGATED METAL BARN: 1-60 THE WELL IS UNCOVERED AND I DROPPED A PLASTIC BUCKET AND COTTON ROPE INTO THE
WELL FOR SAMPLING, CONTAINS A LITTLE TRASH: 2-68 VERY LIGHT YELLOW COLOR AND CONTAINS A LOT OF DIRT AND ORGANIC DEBRIS:
3-19 NO POWER; 3-20 BRICK AND CEMENT: 3-21 NO PIPE: 3-26 #3-27 NOT USED: 3-34 DROPPED WEIGHTED ROPE FOR DEPTH:

013423 SAMPLE TYPE WELL WATER ;SITE 1087 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/28/04/78
AIR TEMP(C)+ 20.4 ;LAT 33.177 ;LONG 96.836 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 910 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +15.9
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 282 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 290
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF BRICK WELL HOUSE LOCATED 8M NORTH
OF WHITE BOARD HOUSE, THE COBBS, OWNER: 3-20 CONCRETE CASING: 3-21 PLASTIC AND GALVANIZED PIPE:

013424 SAMPLE TYPE WELL WATER ;SITE 1088 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/28/04/78
AIR TEMP(C)+ 21.3 ;LAT 33.141 ;LONG 96.845 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 4300 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 680 ;P ALKALINITY(PPM) 42 ;M ALKALINITY(PPM) 700
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 244 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 244 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL AT FAUCET 20M SOUTH OF WELL. THE WELL IS LOCATED 30M NORTH OF WHITE BOARD FARM HOUSE: 1-60 OWNER SAID WATER TASTES BAD; SUBMERSIBLE PUMP:

013426 SAMPLE TYPE WELL WATER ;SITE 1089 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/28/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.130 ;LONG 96.786 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 168 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 180
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FRISCO 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL AT FAUCET ABOVE WELL LOCATED ABOUT 15M WEST OF FARM HOUSE: 1-60 SAMPLED WATER AFTER 4M OF RUBBER HOSE: 3-20 CONCRETE CASING: 3-21 PLASTIC PIPE INSIDE WELL AND SOME GALVANIZED PIPE: 3-26 USED TO WATER GARDEN AND SOMETIMES STOCK:

013428 SAMPLE TYPE STREAM SEDIMENT ;SITE 1090 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.785 ;LONG 97.385 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL GOING UPSTREAM STARTING 90M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS 3M DOWNSTREAM OF SMALL TREE AT BASE OF EAST BANK: 1-60 OIL WELLS:

013429 SAMPLE TYPE STREAM SEDIMENT ;SITE 1091 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/01/05/78
AIR TEMP(C)+ 26.3 ;LAT 33.800 ;LONG 97.422 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.04
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM STARTING 33M UPSTREAM OF BRIDGE. THE INTERVAL ENDS AT A LARGE WILLOW TREE ON EAST BANK: 1-60 OIL FILM ON STAGNANT AREAS, GRAVEL PITS, OIL FIELD, USED SCOOP ON POLE FOR 5 GRABS:

013430 SAMPLE TYPE STREAM SEDIMENT ;SITE 1092 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/02/05/78

AIR TEMP(C)+ 11.2 ;LAT 33.793 ;LONG 97.468 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.03
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 25M .NTERVAL GOING UPSTREAM STARTING 27M UPSTREAM OF OIL FIELD ROAD. THE INTERVAL BEGINS 2M DOWNSTREAM OF LARGE TREE ON TOP OF WEST BANK. USED SCOOP ON POLE: I-60 OIL FIELD TANK, GRAVEL PITS:

013431 SAMPLE TYPE STREAM SEDIMENT ;SITE 1093 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/05/78
AIR TEMP(C)+ 11.6 ;LAT 33.774 ;LONG 97.480 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.02
WATER LEVEL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 27M INTERVAL GOING UPSTREAM STARTING 80M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS AT MULTI-TRUNKED TREE ON WEST BANK. USED SCOOP ON POLE: I-60 OIL FIELD:

013432 SAMPLE TYPE STREAM SEDIMENT ;SITE 1094 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/05/78
AIR TEMP(C)+ 11.5 ;LAT 33.776 ;LONG 97.490 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM STARTING 120M UPSTREAM OF BRIDGE. THE SITE BEGINS 4M UPSTREAM OF LARGE CEDAR TREE ON TOP OF WEST BANK: I-60 OIL FIELDS, GRAVEL PITS, USED SCOOP ON POLE:

013433 SAMPLE TYPE STREAM SEDIMENT ;SITE 1095 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/05/78
AIR TEMP(C)+ 11.1 ;LAT 33.784 ;LONG 97.491 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.03
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM OF BEND IN STREAM. THE INTERVAL ENDS AT TREE ON TOP OF SOUTH BANK: I-60 BOWERS OIL FIELD:

013434 SAMPLE TYPE STREAM SEDIMENT ;SITE 1096 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 11.4 ;LAT 33.767 ;LONG 97.347 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 1.20
WATER LEVEL LOW ;BED MATERIAL COBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 15M INTERVAL GOING UPSTREAM STARTING ABOUT 75M UPSTREAM OF JUNCTION WITH TRIBUTARY. THE INTERVAL BEGINS 2M UPSTREAM OF SMALL WILLOW ON NORTH BANK OVER HANGING STREAM. USED SCOOP ON POLE:

013435 SAMPLE TYPE STREAM SEDIMENT ;SITE 1097 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/05/78
AIR TEMP(C)+ 11.0 ;LAT 33.765 ;LONG 97.343 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL %
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON BOTH BANKS OVER A 34M INTERVAL GOING UPSTREAM STARTING AT BEND IN STREAM. THE INTERVAL BEGINS AT CENTER OF BEND:

013436 SAMPLE TYPE STREAM SEDIMENT ;SITE 1098 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/02/05/78
AIR TEMP(C)+ 11.7 ;LAT 33.757 ;LONG 97.313 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 27M INTERVAL GOING UPSTREAM STARTING 15M UPSTREAM OF TRUCK CROSSING. THE SITE BEGINS 27M DOWNSTREAM OF BEND IN STREAM. USED SCOOP ON POLE:

013437 SAMPLE TYPE STREAM SEDIMENT ;SITE 1099 ;MAP NI1409 ;SAMPLER FGK ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/05/78
AIR TEMP(C)+ 13.5 ;LAT 33.751 ;LONG 97.263 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.15
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL GOING UPSTREAM STARTING 42M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS AT FORKED TREE ON SOUTH BANK. USED SCOOP ON POLE:

013438 SAMPLE TYPE WELL WATER ;SITE 1128 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.827 ;LONG 97.291 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 900 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +23.2
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 348 ;P ALKALINITY(PPM) 82 ;M ALKALINITY(PPM) 350
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 143 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 143 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE ABOUT 10M NORTH OF P. HICKMAN HOUSE; 2-37 COLLECTED SAMPLE BEFORE THE FILTER: 1-77 OWNER SAID WATER USUALLY HAD SULPHUR SMELL. WELL DRILLED IN AUGUST, 1966:

013439 SAMPLE TYPE WELL WATER ;SITE 1129 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/18/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.819 ;LONG 97.294 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 6.4 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 307 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 294
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 102 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 102 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BENEATH WINDMILL LOCATED 15M WEST OF RED BRICK HOUSE, P. HICKMAN, OWNER: I-77 SULPHUR SMELL AND OWNER SAID IF WATER SITS UNCOVERED IT GETS A RUSTY LOOKING PRECIPITATE:

013440 SAMPLE TYPE STREAM SEDIMENT ;SITE 1130 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/05/78
AIR TEMP(C)+ 25.3 ;LAT 33.857 ;LONG 97.262 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 25 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 70M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 0.5 MILE DOWNSTREAM OF ROAD:

013441 SAMPLE TYPE STREAM SEDIMENT ;SITE 1131 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.862 ;LONG 97.315 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 25 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 75M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE: I-60 GRAVEL PIT: I-71 LOTS OF LIMESTONE PEBBLES, TOO:

013442 SAMPLE TYPE STREAM SEDIMENT ;SITE 1132 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/19/05/78
AIR TEMP(C)+ 31.2 ;LAT 33.796 ;LONG 97.299 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM STARTING 65M UPSTREAM OF RANCH ROAD CROSSING STREAM. USED SCOOP ON POLE:

013443 SAMPLE TYPE WELL WATER ;SITE 1133 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/05/78
AIR TEMP(C)+ 31.5 ;LAT 33.817 ;LONG 97.350 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 344 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 350
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 53 ;CONFID. OF PROD DEPTH POSSIBLE

SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 53 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:
1-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF BROWN FARMHOUSE. THE WELL IS LOCATED ABOUT 20M EAST OF THE HOUSE. OWNER SAID WATER SOMETIMES LEAVES A WHITE FILM:

013444 SAMPLE TYPE WELL WATER ;SITE 1134 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/05/78
AIR TEMP(C)+ 31.5 ;LAT 33.792 ;LONG 97.335 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +20.2
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 330 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 342
APPEARANCE OTHER ;DISCHARGE(L/M) 20.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL AT PIPE LEADING TO STOCK, TANK. THE WINDMILL IS 180M EAST OF THE DIRT ROAD; 2-68 OCCASSIONAL PARTICLES OF RUST OF ORGANIC DEBRIS IN CLEAR WATER; 3-26 LET WINDMILL PUMP 20 MINUTES BEFORE SAMPLING; 1-77 SLIGHT IRON ODOR:

013445 SAMPLE TYPE STREAM SEDIMENT ;SITE 1135 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/05/78
AIR TEMP(C)+ 35.0 ;LAT 33.743 ;LONG 97.298 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 MUENSTEREAST 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON WEST BANK OVER A 45M INTERVAL GOING UPSTREAM STARTING 120M UPSTREAM OF BRIDGE:

013446 SAMPLE TYPE WELL WATER ;SITE 1136 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.764 ;LONG 97.294 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 0.5 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 164 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 170
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 MARYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED ABANDONED DUG WELL SOUTH OF ABANDONED WOOD HOUSE ON RANCH ROAD, DOLLY SCOTT, OWNER: 1-60 SAMPLED WELL BY DROPPING BUCKET AND ROPE INTO OPEN WELL: 3-19 NO POWER: 3-20 CONCRETE AND LIMESTONE CASING: 3-21 NO PIPE: 2-68 CLEAR WITH DIRT AND ORGANIC DEBRIS:

013447 SAMPLE TYPE WELL WATER ;SITE 1137 ;MAP N1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/22/05/78
AIR TEMP(C)+ 27.2 ;LAT 33.781 ;LONG 97.371 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 17956 ;DISSOLVED OXYGEN(PPM) 0.6 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 330 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 332
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 12
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARYSVILLE 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL AT FAUCET ON NORTH SIDE OF WHITE BOARD HOUSE. THE FAUCET IS 10M EAST OF THE WELL LOCATED IN A SHED. R.D. MORRIS, OWNER. THE OWNER SAID THE WELL HAD BEEN CONDEMNED:

013448 SAMPLE TYPE WELL WATER ;SITE 1138 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/22/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.791 ;LONG 97.440 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1200 ;DISSOLVED OXYGEN(PPM) 6.6 ;WATER TEMP(C) +21.4
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 296 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 284
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE EAST OF HOUSE; I-60 SAMPLED WELL AFTER 20 FEET OF RUBBER HOSE; 3-2" GALVANIZED PIPE IN WELL AND PLASTIC PIPE OUTSIDE OF WELL; 3-19 PLASTIC AND GALVANIZED SUBMERSIBLE PUMP;

013449 SAMPLE TYPE STREAM SEDIMENT ;SITE 1139 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/05/78
AIR TEMP(C)+ 31.3 ;LAT 33.841 ;LONG 97.467 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL STARTING 160M DOWNSTREAM OF BRIDGE; I-60 A LITTLE OF THE SEDIMENT IS SLIGHTLY REDUCED:

013451 SAMPLE TYPE STREAM SEDIMENT ;SITE 1140 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/05/78
AIR TEMP(C)+ 28.3 ;LAT 33.885 ;LONG 97.487 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING 225M DOWNSTREAM OF BRIDGE; I-60 OCCASSIONAL TRASH, STAGNANT WATER, OIL WELLS:

013452 SAMPLE TYPE WELL WATER ;SITE 1141 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.882 ;LONG 97.497 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 369 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 350
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 44 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 45 ;CONFID. OF DEPTH HIGH ;SOU . OF DEPTH INFO OWNER
REMARKS:
1-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL FROM WELLHOUSE FAUCET LOCATED IN WELLHOUSE SOUTH OF FARMHOUSE.
THE WELL IS UNDERNEATH A WINDMILL.

013453 SAMPLE TYPE WELL WATER ;SITE 1142 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/05/78
AIR TEMP(C)+ 33.2 ;LAT 33.832 ;LONG 97.516 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 805 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 235
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 45 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 45 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF BRICK HOUSE, W.C. HOLT, OWNER. THE WELL IS NORTH OF THE HOUSE: I-78 W.C. HOLT & ROUTE 1 & SAINT JO, TX 76265:

013454 SAMPLE TYPE STREAM SEDIMENT ;SITE 1143 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/05/78
AIR TEMP(C)+ 28.9 ;LAT 33.772 ;LONG 97.749 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.40 ;WATER DEPTH(M) 0.05
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 35%
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL GOING UPSTREAM STARTING 62M NORTH OF ROAD (WHERE FENCE LINE RUNS SOUTH OF THE ROAD): I-77 REDUCED SEDIMENT WITH H2S ODOR: I-60 REDUCED SEDIMENT, SEWAGE DISPOSAL, CLAY PIT, OIL WELLS, DRAINS PART OF THE TOWN OF NOCONA, USED SCOOP ON POLE, ASSORTED TRASH IN STREAM:

013456 SAMPLE TYPE WELL WATER ;SITE 1144 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.786 ;LONG 97.680 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1110 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 439 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 444
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. PLASTIC ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 134 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 134 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE WEST OF HOUSE, THE SIZEMORES, OWNER:

1-60 SAMPLE TAKEN AFTER 30 FEET OF RUBBER HOSE. WELL IS ABOUT 4 YEARS OLD AND SOMETIMES HAS SAND PARTICLES:

013457 SAMPLE TYPE STREAM SEDIMENT ;SITE 1145 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/05/78
AIR TEMP(C)+ 32.0 ;LAT 33.757 ;LONG 97.632 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM OF BRIDGE: 1-60 TRASH, POSSIBLE SLUMP:

013458 SAMPLE TYPE STREAM SEDIMENT ;SITE 1146 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/05/78
AIR TEMP(C)+ 30.8 ;LAT 33.754 ;LONG 97.625 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 15%
REMARKS:
1-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL GOING UPSTREAM STARTING 72M UPSTREAM OF BRIDGE. THE SITE BEGINS AT WILLOW ON EAST BANK: 1-60 SEDIMENT FORMING SOIL:

013459 SAMPLE TYPE STREAM SEDIMENT ;SITE 1147 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/05/78
AIR TEMP(C)+ 32.0 ;LAT 33.758 ;LONG 97.602 ;UNIT CODE LKEA ;VEGETATION GRASS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM STARTING 35M UPSTREAM OF FENCE UPSTREAM OF BRIDGE:

013460 SAMPLE TYPE STREAM SEDIMENT ;SITE 1148 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/05/78
AIR TEMP(C)+ 32.0 ;LAT 33.761 ;LONG 97.603 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 30%
REMARKS:
1-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM OF BRIDGE: 1-60 HEAVILY POLLUTED STREAM, STAGNANT SCUM, OIL FILM, ASSORTED TRASH, REDUCED SEDIMENT:

013461 SAMPLE TYPE WELL WATER ;SITE 1149 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/05/78
AIR TEMP(C)+ 31.3 ;LAT 33.789 ;LONG 97.578 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2070 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 324 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 320
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0

WRT PRESSURE TANK BEFORE ;USE STOCK ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT PIPE OPENING INSIDE WELLHOUSE (PART OF THE PUMP). TOOK HORIBA AND ALKALINITY READINGS FROM WELL WATER FROM FAUCET INSIDE STOCK TANK WEST OF PUMPHOUSE: 2-68 CLEAR WITH A FEW RUST PARTICLES; 3-20 PROBABLY STEEL:

013462 SAMPLE TYPE STREAM SEDIMENT ;SITE 1150 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/05/78
AIR TEMP(C)+ 38.0 ;LAT 33.836 ;LONG 97.646 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OVER A 45M INTERVAL GOING UPSTREAM STARTING 195M DOWNSTREAM OF LOW WATER BRIDGE ON FAIRVIEW DRIVE INSIDE NACONA HILLS (PRIVATE DEVELOPMENT): 1-60 LIMESTONE GRAVEL UPSTREAM, CHANNELLED FLOW, OIL WELLS:

013463 SAMPLE TYPE STREAM SEDIMENT ;SITE 1401 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.859 ;LONG 97.643 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 1.00
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 50%
REMARKS:
I-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON NORTH BANK OVER A 30M INTERVAL GOING UPSTREAM STARTING 100M UPSTREAM OF BEGINNING OF LAKE. THE SITE BEGINS AT BEND IN STREAM; 1-60 REDUCED SEDIMENT, NEARBY OIL WELLS:

013464 SAMPLE TYPE WELL WATER ;SITE 1402 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/05/78
AIR TEMP(C)+ 39.3 ;LAT 33.869 ;LONG 97.626 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2400 ;DISSOLVED OXYGEN(PPM) 1.4 ;WATER TEMP(C) +21.1
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 726 ;P ALKALINITY(PPM) 21 ;M ALKALINITY(PPM) 723
APPEARANCE CLEAR ;DISCHARGE(L/M) 10.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL IN ATLANTIC-RICHFIELD OIL FIELD:

013465 SAMPLE TYPE WELL WATER ;SITE 1403 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/23/05/78
AIR TEMP(C)+ 38.5 ;LAT 33.823 ;LONG 97.617 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1090 ;DISSOLVED OXYGEN(PPM) 0.8 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 442 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 452

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 6
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET NORTH OF BARN, L.D. GODWIN, OWNER: 1-60
SAMPLED WELL AFTER 15 FEET OF RUBBER HOSE: 3-20 THE CASING IS 200 FEET OF STEEL AND 100 FEET OF PLASTIC: 1-78 L.D.
GODWIN % NOCONA RT. 3 % BOX 155 % NACONA, TX 76255:

013466 SAMPLE TYPE STREAM SEDIMENT ;SITE 1404 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/23/05/78
AIR TEMP(C)+ 29.7 ;LAT 33.798 ;LONG 97.638 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR M-BN-GY ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 35%
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON SOUTH BANK GOING UPSTREAM OVER A 50M STARTING 15M UPSTREAM
OF BEND IN STREAM: 1-60 REDUCED SEDIMENT, DIFFICULT SITE, USED SCOOP ON POLE:

013467 SAMPLE TYPE WELL WATER ;SITE 1405 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/24/05/78
AIR TEMP(C)+ 24.8 ;LAT 33.832 ;LONG 97.724 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1440 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 552 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 539
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON WEST SIDE OF WOODEN WELLHOUSE NORTH OF BRICK HOUSE:

013468 SAMPLE TYPE WELL WATER ;SITE 1406 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/24/05/78
AIR TEMP(C)+ 27.8 ;LAT 33.822 ;LONG 97.688 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1400 ;DISSOLVED OXYGEN(PPM) 1.4 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 426 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 430
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 37 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 37 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 3M EAST OF WHITE BOARD WELLHOUSE, GARRY YOUNG, OWNER:

013469 SAMPLE TYPE WELL WATER ;SITE 1407 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/24/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.877 ;LONG 97.683 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 456 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 460
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 76 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 76 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ABOVE STOCK TANK 3M EAST OF WHITE WELLHOUSE EAST OF GRAY FARM HOUSE:

013470 SAMPLE TYPE WELL WATER ;SITE 1408 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/05/78
AIR TEMP(C)+ 28.6 ;LAT 33.873 ;LONG 97.733 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 560 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +19.1
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 144 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 142
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-30 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL WEST OF WHITE FARMHOUSE. TOOK SAMPLE FROM FAUCET ON PIPE GOING INTO WELL: I-60 POSSIBLE DRAINAGE INTO SAMPLE FROM STORAGE TANK ABOVE WELL:

013471 SAMPLE TYPE STREAM SEDIMENT ;SITE 1409 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/05/78
AIR TEMP(C)+ 28.8 ;LAT 33.866 ;LONG 97.722 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 20%
REMARKS:
I-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON WEST BANK OVER A 35M INTERVAL GOING UPSTREAM STARTING 150M UPSTREAM OF BRIDGE; I-60 SOME SEDIMENT IS REDUCED, OIL WELLS:

013472 SAMPLE TYPE WELL WATER ;SITE 1410 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.924 ;LONG 97.730 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH 10.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 110 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 103
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. UNKNOWN ;METERS FROM HEAD
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE PUMPHOUSE NORTHWEST OF HANCOCK HOUSE: I-60 HAD TROUBLE WITH PUMP AND THE TANK GOT STIRRED UP CAUSING SEDIMENT MIXED INTO WATER: I-68 CLEAR WATER WITH BROWNISH-ORANGE SEDIMENT: I-78 TOM L. HANCOCK % ROUTE 3 % NOCONA, TX 76255:

013473 SAMPLE TYPE STREAM SEDIMENT ;SITE 1411 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.941 ;LONG 97.719 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.04
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-39 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 150M NORTH OF FIRST OIL TANKS CLOSE TO STREAM: I-60 GRAVEL PITS, OIL WELLS AND TANKS:

013474 SAMPLE TYPE WELL WATER ;SITE 1412 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/24/05/78
AIR TEMP(C)+ 29.5 ;LAT 33.914 ;LONG 97.689 ;UNIT CODE PUTC ;VEGETATION GRASS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1110 ;DISSOLVED OXYGEN(PPM) 0.5 ;WATER TEMP(C) +21.3
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 284
APPEARANCE OTHER ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL NORTH OF CATTLE PEN. TOOK SAMPLE FROM PIPE LEADING INTO STOCK TANK: I-77 POSSIBLE IRON ODOR: 2-68 CLEAR WITH BROWNISH-ORANGE PARTICLES:

013475 SAMPLE TYPE WELL WATER ;SITE 1413 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.918 ;LONG 97.620 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1090 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +22.0
VISIBILITY(M) CLEAR ;PH 10.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 474 ;P ALKALINITY(PPM) 62 ;M ALKALINITY(PPM) 460
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 46 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE WELLHOUSE NORTH WEST OF HOUSE, W.B. HARRISON, OWNER: 3-26 MAINLY USED FOR HOUSEHOLD, JUST A LITTLE FOR STOCK:

013476 SAMPLE TYPE STREAM SEDIMENT ;SITE 1414 ;MAP NI1409 ;SAMPLER FGK ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/05/78
AIR TEMP(C)+ 30.1 ;LAT 33.920 ;LONG 97.619 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.50
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%

REMARKS:

I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK AND IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 150M UPSTREAM OF BRIDGE; I-60 STREAM WELL-STOMPED BY CATTLE;

013477 SAMPLE TYPE STREAM SEDIMENT ;SITE 1415 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.942 ;LONG 97.599 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING ABOUT 0.25 MILE NORTH OF HAY BARN; I-60 FLOOD PLAIN;

013478 SAMPLE TYPE WELL WATER ;SITE 1416 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/24/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.969 ;LONG 97.624 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 945 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) +23.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 328 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 340
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ABOVE STOCK TANK NORTH OF BARN, THE WELL IS LOCATED IN THE GARAGE; 2-37 SAMPLED WELL BEFORE SOFTENER; 2-68 CLEAR WITH BROWNISH-ORANGE PARTICLES;

013479 SAMPLE TYPE WELL WATER ;SITE 1417 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/24/05/78
AIR TEMP(C)+ 28.9 ;LAT 33.974 ;LONG 97.685 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1045 ;DISSOLVED OXYGEN(PPM) 0.3 ;WATER TEMP(C) +22.2
VISIBILITY(M) CLEAR ;PH 10.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 338 ;P ALKALINITY(PPM) 22 ;M ALKALINITY(PPM) 324
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 81 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 81 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF HOUSE. THE WELL IS LOCATED IN A BROWN SHED NORTH OF THE HOUSE;

013480 SAMPLE TYPE WELL WATER ;SITE 1427 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/26/05/78
AIR TEMP(C)+ 21.8 ;LAT 33.784 ;LONG 97.730 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +22.6

VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 376 ;P ALKALINITY(PPM) 76 ;M ALKALINITY(PPM) 382

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. OTHER ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 111 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 111 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF SECOND ROCK HOUSE ON CLARK STREET,
RAMA BUTLER OWNER. THE WELL IS NORTHEAST OF THE HOUSE; 3-21 GALVANIZED AND PROBABLY COPPER THROUGH HOUSE BEFORE FAUCET:

013481 SAMPLE TYPE STREAM SEDIMENT ;SITE 1428 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/26/05/78
AIR TEMP(C)+ 23.8 ;LAT 33.799 ;LONG 97.653 ;UNIT CODE GAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 35 M INTERVAL GOING UPSTREAM STARTING
20M UPSTREAM OF FENCE CROSSING STREAM: 1-60 OCCASSIONAL TRASH (BOTTLES):

013482 SAMPLE TYPE WELL WATER ;SITE 1429 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/26/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.774 ;LONG 97.639 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 750 ;DISSOLVED OXYGEN(PPM) 0.6 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 8.5 ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) 29 ;M ALKALINITY(PPM) 286
APPEARANCE CLEAR ;DISCHARGE(L/M) 3.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 NOCONA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WINDMILL 20M EAST OF BLUE ALUMINUM BARN. THE WINDMILL IS WEST OF
THE DIRT ROAD; 1-77 POSSIBLY SLIGHT IRON ODOR:

013483 SAMPLE TYPE WELL WATER ;SITE 1430 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/26/05/78
AIR TEMP(C)+ 27.9 ;LAT 33.871 ;LONG 97.574 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 850 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +21.4
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 8.5 ;TOTAL ALKALINITY(PPM) 352 ;P ALKALINITY(PPM) 30 ;M ALKALINITY(PPM) 370
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 93 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 93 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL FROM FAUCET ON WEST SIDE OF HOUSE: 1-78 J.E. STALKER % ROUTE
1 % BOX 156A % SAINT JO, TX 76265:

013484 SAMPLE TYPE STREAM SEDIMENT ;SITE 1431 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/26/05/78

AIR TEMP(C)+ 28.1 ;LAT 33.896 ;LONG 97.550 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.60
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL %
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING
0.12 MILE DOWN STREAM OF BRIDGE: I-60 BACKWASH FROM RED RIVER IS POSSIBLE, OCCASSIONAL TRASH:

013485 SAMPLE TYPE STREAM SEDIMENT ;SITE 1432 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/26/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.895 ;LONG 97.608 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING
32M UPSTREAM OF BRIDGE: I-60 SOME TRASH (BOTTLES), OIL WELLS:

013487 SAMPLE TYPE WELL WATER ;SITE 1433 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/26/05/78
AIR TEMP(C)+ 31.5 ;LAT 33.780 ;LONG 97.510 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1980 ;DISSOLVED OXYGEN(PPM) 8.7 ;WATER TEMP(C) +25.3
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 7.1 ;TOTAL ALKALINITY(PPM) 550 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 536
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE
WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 26
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 55 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 55 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BONITA 7 1/2' TOPO OF SHERMAN QUAD SAMPLED AT FAUCET ON WEST SIDE OF NEW BRICK HOUSE. THE WELL IS SOUTH OF THE
HOUSE: 3-21 GALVANIZED AND COPPER PIPE:

013488 SAMPLE TYPE STREAM SEDIMENT ;SITE 1434 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/30/05/78
AIR TEMP(C)+ 29.2 ;LAT 33.888 ;LONG 97.655 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM
STARTING 45M DOWN STREAM OF BEND IN STREAM: I-60 TRASH IN STREAM (WASHING MACHINE), OIL WELLS:

013489 SAMPLE TYPE WELL WATER ;SITE 1435 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/05/78
AIR TEMP(C)+ 28.2 ;LAT 33.827 ;LONG 97.552 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1890 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +21.9
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 7.0 ;TOTAL ALKALINITY(PPM) 354 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 356

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
WEST OF BROWN HOUSE. THE FAUCET IS SOUTH OF THE WELL BENEATH A WINDMILL. HAD TO STEAL SAMPLE:

013500 SAMPLE TYPE WELL WATER ;SITE 1151 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/02/78
AIR TEMP(C)+ 21.0 ;LAT 33.279 ;LONG 97.273 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1440 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 470 ;P ALKALINITY(PPM) 97 ;M ALKALINITY(PPM) 466
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 76 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 101 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 ERA SE TOPO, SHERMAN QUAD; SAMPLED WELL 48M SW OF HOUSE; 1-78 MR. CLAYTON HARTIN & RT. 1, BOX 71 & KRUM, TX. 76249:

013501 SAMPLE TYPE STREAM SEDIMENT ;SITE 1152 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/22/02/78
AIR TEMP(C)+ 9.5 ;LAT 33.301 ;LONG 97.306 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.50
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR - -OT ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 ERA SE TOPO, SHERMAN QUAD; COLLECTED ALONG NW BANK AND IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM
STARTING APPROXIMATELY 75M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 33M UPSTREAM FROM SECOND GULLEY ON NW BANK:
I-60 SMALL TOWN UPSTREAM. SAMPLED WITH SCOOP ON METER STICK; T-72 L-YL-BN AND D-YL-BN; T-60 WHEAT FIELDS UPSTREAM:

013502 SAMPLE TYPE STREAM SEDIMENT ;SITE 1153 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/02/78
AIR TEMP(C)+ 15.2 ;LAT 33.311 ;LONG 97.307 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL %
REMARKS:
1-38 ERA SE TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 48M INTERVAL GOING UPSTREAM STARTING 54M UPSTREAM
FROM BRIDGE, THE SITE IS LOCATED 48M DOWNSTREAM FROM FIRST BEND IN STREAM: I-60 WHEAT FIELDS UPSTREAM:

013503 SAMPLE TYPE WELL WATER ;SITE 1154 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/02/78
AIR TEMP(C)+ 12.0 ;LAT 33.322 ;LONG 97.329 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1035 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 402 ;P ALKALINITY(PPM) 64 ;M ALKALINITY(PPM) 378

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 62 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 70 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ERA SE TOPO, SHERMAN QUAD; SAMPLED WELL APPROXIMATELY 90M NE OF HOUSE: 1-78 MR. JOHN HUDGINS % 1314 GREENBRIAR ST. % DENTON, TX. % 76201: 3-28 WATER PRODUCING HORIZON FLUCTUATES BETWEEN 58M AND 67M. IT AVERAGES 62M:

013504 SAMPLE TYPE STREAM SEDIMENT ;SITE 1155 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/22/02/78
AIR TEMP(C)+ 15.2 ;LAT 33.356 ;LONG 97.270 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL COBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 ERA SE TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 42M INTERVAL GOING UPSTREAM STARTING 147M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 6M UPSTREAM FROM GULLEY ON SOUTH BANK:

013505 SAMPLE TYPE WELL WATER ;SITE 1156 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/02/78
AIR TEMP(C)+ 12.4 ;LAT 33.273 ;LONG 97.334 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 1.1 ;WATER TEMP(C) +17.7
VISIBILITY(M) CLEAR ;PH 9.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) 100 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 75 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ERA SE TOPO, SHERMAN QUAD; SAMPLED WELL 20M EAST OF HOUSE, JOE BICKLE - OWNER:

013506 SAMPLE TYPE WELL WATER ;SITE 1157 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/02/78
AIR TEMP(C)+ 14.2 ;LAT 33.377 ;LONG 97.388 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 515 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +11.0
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 273 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 270
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 11
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 114 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; OWNER - MR. TAYLOR MCCARROLL, SAMPLED WELL 24M NORTH OF HOUSE: I-60 WATER WAS PUMPED UP TO PRESSURE TANK AND INTO STORAGE TANK APPROXIMATELY 24 HOURS BEFORE SAMPLE WAS TAKEN:

013507 SAMPLE TYPE STREAM SEDIMENT ;SITE 1158 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 15.2 ;LAT 33.331 ;LONG 97.486 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.90 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10

WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 42M INTERVAL GOING UPSTREAM STARTING 33M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED AT FIRST BEND IN STREAM:

013508 SAMPLE TYPE STREAM SEDIMENT ;SITE 1159 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/02/78
AIR TEMP(C)+ 14.8 ;LAT 33.333 ;LONG 97.456 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS MINING ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 33M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED AT LARGE DEAD TREE IN MIDDLE OF STREAM: I-60 GRAVEL PITS UPSTREAM:

013509 SAMPLE TYPE STREAM SEDIMENT ;SITE 1160 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/28/02/78
AIR TEMP(C)+ 14.5 ;LAT 33.384 ;LONG 97.294 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 ERA TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 32 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 15 M DOWNSTREAM FROM DEAD TREE OVER STREAM: I-60 OIL WELLS UPSTREAM. NO VISIBLE CONTAMINATION FROM OIL WELLS:

013510 SAMPLE TYPE STREAM SEDIMENT ;SITE 1161 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/28/02/78
AIR TEMP(C)+ 14.5 ;LAT 33.394 ;LONG 97.319 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 ERA TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 46M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED AT DOWNSTREAM END OF POINT BAR: I-60 OIL WELLS UPSTREAM BUT NO VISIBLE CONTAMINATION:

013512 SAMPLE TYPE WELL WATER ;SITE 1162 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/28/02/78
AIR TEMP(C)+ 13.0 ;LAT 33.361 ;LONG 97.297 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 785 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 400 ;P ALKALINITY(PPM) 72 ;M ALKALINITY(PPM) 398
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 99 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 110 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:

1-38 ERASE TOPO, SHERMAN QUAD; SAMPLED WELL 21M NE OF HOUSE, OWNER- JESSE SONS: 1-78 MR. JESSE SONS % RT. 1, BOX 610% SANGER, TEXAS 76266:

013513 SAMPLE TYPE STREAM SEDIMENT ;SITE 1163 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/28/02/78
AIR TEMP(C)+ 12.2 ;LAT 33.405 ;LONG 97.276 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL CLAY ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 ERA TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 51 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 0.5 MILE UPSTREAM FROM DAM. THE SITE IS LOCATED 51 M DOWNSTREAM FROM RECENTLY MIGRATED GULLEY ON EAST BANK:

013514 SAMPLE TYPE WELL WATER ;SITE 1164 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/28/02/78
AIR TEMP(C)+ 10.0 ;LAT 33.457 ;LONG 97.280 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 825 ;DISSOLVED OXYGEN(PPM) 1.2 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 456 ;P ALKALINITY(PPM) 92 ;M ALKALINITY(PPM) 460
APPEARANCE CLEAR ;DISCHARGE(L/M) 19.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 119 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 126 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 ERA TOPO, SHERMAN QUAD; SAMPLED WELL IN STORAGE HOUSE APPROXIMATELY 42 M SE OF HOUSE:

013515 SAMPLE TYPE STREAM SEDIMENT ;SITE 1165 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/28/02/78
AIR TEMP(C)+ 9.5 ;LAT 33.441 ;LONG 97.316 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 ERA TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 36M INTERVAL GOING UPSTREAM STARTING 57M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 16M UPSTREAM FROM CONCRETE DAM: 1-71 SAND ALSO PRESENT:

013516 SAMPLE TYPE STREAM SEDIMENT ;SITE 1166 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/28/02/78
AIR TEMP(C)+ 9.2 ;LAT 33.436 ;LONG 97.324 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.07 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-YL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 ERA TOPO, SHERMAN QUAD; COLLECTED ALONG WEST BANK AND IN CENTER OF STREAM OVER A 35 M INTERVAL GOING UPSTREAM STARTING 39M UPSTREAM FROM BRIDGE, THE SITE IS LOCATED 6M UPSTREAM FROM FENCE CROSSING STREAM:

013517 SAMPLE TYPE STREAM SEDIMENT ;SITE 1167 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/01/03/78
AIR TEMP(C)+ 4.8 ;LAT 33.291 ;LONG 97.258 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 ERA SE TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 38 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 420M DOWNSTREAM FROM JUNCTION OF TWO TRIBUTARIES. THE SITE IS LOCATED AT DOWNSTREAM END OF BEND IN STREAM TO THE SE: I-60 WHEAT FIELDS UPSTREAM: I-71 PEBBLES ALSO PRESENT:

013518 SAMPLE TYPE WELL WATER ;SITE 1168 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/01/03/78
AIR TEMP(C)+ 4.8 ;LAT 33.334 ;LONG 97.297 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 770 ;DISSOLVED OXYGEN(PPM) 1.7 ;WATER TEMP(C) +11.9
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 392 ;P ALKALINITY(PPM) 72 ;M ALKALINITY(PPM) 384
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 71 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 82 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ERA SE TOPO, SHERMAN QUAD; SAMPLED WELL 24M NE OF HOUSE: I-77 SMELLS LIKE GAS: I-78 MR. E.D. SALLEE %2009 NAVAJO ST. % DENTON, TX. 76201: 3-19 WELL HAS A ONE HORSEPOWER SUBMERSIBLE PUMP:

013520 SAMPLE TYPE WELL WATER ;SITE 1169 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/01/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.368 ;LONG 97.335 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 730 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 312 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 302
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 53 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ERA SE TOPO, SHERMAN QUAD; SAMPLED WELL 26M NW OF HOUSE, MARK HARRINGTON- OWNER: 2-69 WITH A FIVE HORSEPOWER PUMP IT CAN PUMP 12 LITERS PER MINUTE: 2-74 #3-32 THE PRODUCING HORIZON FLUCTUATES FROM 38M TO 68M. THE AVERAGE IS 53M:

013521 SAMPLE TYPE WELL WATER ;SITE 1170 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/01/03/78
AIR TEMP(C)+ 4.6 ;LAT 33.414 ;LONG 97.352 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 630 ;DISSOLVED OXYGEN(PPM) 1.1 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 312 ;P ALKALINITY(PPM) 5 ;M ALKALINITY(PPM) 324
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 42 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 49 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:

-38 ERA TOPO, SHERMAN QUAD; SAMPLED WELL APPROXIMATELY 80M WEST OF DAIRY; I-77 AT ONE TIME THE WATER TASTED AND SMELLED LIKE SULFUR:

013522 SAMPLE TYPE STREAM SEDIMENT ;SITE 1171 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/03/78
AIR TEMP(C)+ 10.5 ;LAT 33.366 ;LONG 97.490 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.15
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 36M INTERVAL GOING UPSTREAM STARTING 75M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED AT DOWNSTREAM END OF BEND IN STREAM:

013523 SAMPLE TYPE STREAM SEDIMENT ;SITE 1172 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/03/78
AIR TEMP(C)+ 15.0 ;LAT 33.380 ;LONG 97.471 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC, 0.20 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 2.50
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 46M INTERVAL GOING UPSTREAM STARTING 33M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 15M UPSTREAM FROM FIRST CONIFER ON WEST BANK; I-60 GREEN MOSS OR ALGAE IN STREAM ALSO ORANGE GUNK IN STREAM, GRAVEL PITS UPSTREAM:

013524 SAMPLE TYPE STREAM SEDIMENT ;SITE 1173 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 19.5 ;LAT 33.397 ;LONG 97.500 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 38M INTERVAL GOING UPSTREAM STARTING 48M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 9M DOWNSTREAM FROM FENCE OVER STREAM:

013525 SAMPLE TYPE WELL WATER ;SITE 1174 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/03/78
AIR TEMP(C)+ 20.4 ;LAT 33.404 ;LONG 97.443 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 565 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 264 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 260
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 83 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; SAMPLED WELL 29M NW OF HOUSE, OWNER-CHARLES WEST; I-60 OWNER SAID THAT WATER CONTAINS OIL, COAL, AND IRON, THE SAMPLE WAS YELLOW AND CONTAINED YELLOW MATERIAL THE DAY AFTER IT HAD BEEN SAMPLED:

013526 SAMPLE TYPE STREAM SEDIMENT ;SITE 1175 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/02/03/78
AIR TEMP(C)+ 10.5 ;LAT 33.497 ;LONG 97.480 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE

WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 69M INTERVAL GOING UPSTREAM STARTING 38M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 3M DOWNSTREAM FROM GULLEY ON SOUTH BANK: I-60 BRIGHT ORANGE SLIME IN STREAM. POSSIBLE REDUCED SEDIMENT IN SAMPLE:

013527 SAMPLE TYPE STREAM SEDIMENT ;SITE 1176 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/06/03/78
AIR TEMP(C)+ 15.6 ;LAT 33.496 ;LONG 97.463 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 18M UPSTREAM FROM FENCE. THE SITE IS LOCATED 1M UPSTREAM FROM GULLEY ON SOUTH BANK: I-60 WHEAT FIELDS UPSTREAM:

013528 SAMPLE TYPE STREAM SEDIMENT ;SITE 1177 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/06/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.409 ;LONG 97.348 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.40
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 ERA TOPO, SHERMAN QUAD COLLECTED IN CENTER OF STREAM OVER A 48M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BEND IN STREAM TO THE SE. THE SITE IS LOCATED 81M DOWNSTREAM FROM TRIBUTARY ON NW BANK: I-60 FLOOD CONTROL DAM DOWNSTREAM. BONES OF COWS IN STREAM:

013529 SAMPLE TYPE WELL WATER ;SITE 1178 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/03/78
AIR TEMP(C)+ 18.2 ;LAT 33.421 ;LONG 97.404 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 276
APPEARANCE CLEAR ;DISCHARGE(L/M) 32.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 65 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 84 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; SAMPLED WELL 46M SW OF HOUSE: 2-69 THE DISCHARGE IS APPROXIMATELY 32 LITERS PER MINUTE WITH A .75 HORSEPOWER SUBMERSIBLE PUMP; 3-25 OWNER DRAINNED PRESSURE TANK BEFORE SAMPLE WAS TAKEN:

013531 SAMPLE TYPE STREAM SEDIMENT ;SITE 1179 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/03/78
AIR TEMP(C)+ 20.0 ;LAT 33.452 ;LONG 97.398 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 51M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 172M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 30M UPSTREAM FROM GULLEY ON SE BANK: I-60 RESERVOIR UPSTREAM. SEDIMENT FORMING SOIL: I-77 #I-60 REDUCED SEDIMENT IN SAMPLE:

013532 SAMPLE TYPE WELL WATER ;SITE 1180 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/06/03/78
AIR TEMP(C)+ 8.1 ;LAT 33.469 ;LONG 97.402 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 685 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 308 ;P ALKALINITY(PPM) 26 ;M ALKALINITY(PPM) 318
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 50 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; SAMPLED WELL 15M WSW OF HOUSE:

013533 SAMPLE TYPE STREAM SEDIMENT ;SITE 1181 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/07/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.474 ;LONG 97.430 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.25
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 40 M INTERVAL GOING UPSTREAM STARTING 135 M UPSTREAM FROM PIPE AT ROAD. THE SITE IS LOCATED 2 M UPSTREAM FROM CATTLE CROSSING ON THE SE BANK: I-60 FLOOD CONTROL DAM UPSTREAM. RAINFALL OF 1.1 INCH WITHIN 24 HOURS. POSSIBLE REDUCED SEDIMENT IN SAMPLE:

013534 SAMPLE TYPE WELL WATER ;SITE 1182 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/07/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.462 ;LONG 97.353 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 755 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 314 ;P ALKALINITY(PPM) 50 ;M ALKALINITY(PPM) 312
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 84 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 84 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ERA TOPO, SHERMAN QUAD; SAMPLED WELL 20 M NORTH OF HOUSE:

013535 SAMPLE TYPE WELL WATER ;SITE 1183 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/07/03/78
AIR TEMP(C)+ 4.5 ;LAT 33.369 ;LONG 97.452 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +16.3

VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 218 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 220
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SLIDELL TOPO, SHERMAN QUAD; SAMPLED WINDMILL IN COW PASTURE APPROXIMATELY 85 M NE OF BARN. THE SITE IS LOCATED 38 M OFF OF DIRT ROAD:

013536 SAMPLE TYPE STREAM SEDIMENT ;SITE 1184 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/08/03/78
AIR TEMP(C)+ 3.5 ;LAT 33.262 ;LONG 97.482 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 27 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 65M DOWNSTREAM FROM PIPE AT ROAD OVER STREAM. THE SITE IS LOCATED AT THE UPSTREAM END OF SHARP BEND IN STREAM: 1-60 FLOOD CONTROL DAM UPSTREAM. METAL PIPE BENEATH ROAD UPSTREAM. NO TRUE REPRESENTATIVE SAMPLE COULD BE TAKEN:

013537 SAMPLE TYPE STREAM SEDIMENT ;SITE 1185 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/08/03/78
AIR TEMP(C)+ 5.5 ;LAT 33.250 ;LONG 97.461 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 415 M UPSTREAM FROM JUNCTION OF STREAM WITH CATLETT CREEK. THE SITE IS LOCATED 50 M UPSTREAM FROM FENCE OVER STREAM AND 29M UPSTREAM FROM STEEP WEST BANK AT BEND IN STREAM:

013538 SAMPLE TYPE WELL WATER ;SITE 1186 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.278 ;LONG 97.444 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 655 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 257 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 264
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 39 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 48 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 SLIDELL TOPO, SHERMAN QUAD; SAMPLED WELL 14 M EAST OF HOUSE: 1-78 MR. CHARLES PITTS % RT. 4, BOX 38 % DECATUR, TX. % 76234: 2-37 WATER IS RUN THROUGH GRAVEL THEN A WATER SOFTENER IS ADDED. IT IS MORTAN'S SALT: 3-21 WATER GOES THROUGH 2M OF POLYETHYLENE PIPE AFTER THE PRESSURE TANK AND BEFORE THE SOFTENER IS ADDED:

013539 SAMPLE TYPE STREAM SEDIMENT ;SITE 1187 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/08/03/78
AIR TEMP(C)+ 8.0 ;LAT 33.274 ;LONG 97.433 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 35 M INTERVAL GOING UPSTREAM STARTING 37 M DOWNSTREAM FROM JUNCTION OF TRIBUTARY WITH STREAM. THE SITE IS LOCATED UPSTREAM FROM AVERAGE WATER LEVEL ABOVE FLOOD CONTROL DAM: I-60 POSSIBLE CONTAMINATION FROM WHEAT FIELD UPSTREAM:

013540 SAMPLE TYPE STREAM SEDIMENT ;SITE 1188 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/08/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.296 ;LONG 97.420 ;UNIT CODE LKFU ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL CLAY ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 22 M INTERVAL GOING UPSTREAM STARTING 60 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 51 M UPSTREAM FROM FENCE; I-60 NO RECENT DEPOSITION:

013541 SAMPLE TYPE STREAM SEDIMENT ;SITE 1189 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/08/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.306 ;LONG 97.424 ;UNIT CODE LKFU ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 39 M INTERVAL GOING UPSTREAM STARTING 120 M UPSTREAM FROM UPSTREAM END OF BEND IN STREAM WHICH FOLLOWS FARMER'S ROAD. THE SITE IS LOCATED AT DOWNSTREAM END OF SHARP BEND IN STREAM TO THE WEST: I-60 NO RECENT DEPOSITION:

013542 SAMPLE TYPE WELL WATER ;SITE 1190 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/09/03/78
AIR TEMP(C)+ 7.2 ;LAT 33.265 ;LONG 97.379 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 610 ;DISSOLVED OXYGEN(PPM) 8.0 ;WATER TEMP(C) + 3.1
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 406 ;P ALKALINITY(PPM) 44 ;M ALKALINITY(PPM) 402
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS, WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD TNK
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 120 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 180 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; SAMPLED WINDMILL 24 M NORTH OF TORN DOWN HOUSE; I-60 #3-22 SAMPLE HAD TO BE TAKEN FROM LARGE METAL HOLDING TANK. APPROXIMATELY 8 M OF GALVANIZED STEEL PIPE IS BETWEEN THE WELL HEAD AND THE HOLDING TANK: I-78 MR. MARTIN COLE % RT. 1 % BOX 437 % DENTON, TEXAS % 76201:

013543 SAMPLE TYPE STREAM SEDIMENT ;SITE 1191 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/09/03/78
AIR TEMP(C)+ 10.0 ;LAT 33.273 ;LONG 97.393 ;UNIT CODE LKFU ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:

I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 33 M INTERVAL GOING UPSTREAM STARTING 42 M DOWNSTREAM FROM SMALL TRIBUTARY ON EAST BANK. THE SITE IS LOCATED 33 M DOWNSTREAM FROM UPSTREAM END OF SMALL SAND BAR ON WEST BANK: I-60 FLOOD CONTROL DAM UPSTREAM:

013544 SAMPLE TYPE WELL WATER ;SITE 1192 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/09/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.325 ;LONG 97.386 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 665 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +18.2
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 292 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 296
APPEARANCE CLEAR ;DISCHARGE(L/M) 20.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 65 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 72 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; SAMPLED WELL 27 M BEHIND HOUSE: I-77 MR. OTTO DIMITT % RT. 1, BOX 95 % KRUM, TEXAS % 76249:

013545 SAMPLE TYPE STREAM SEDIMENT ;SITE 1193 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/09/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.326 ;LONG 97.437 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 75 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 28 M UPSTREAM FROM CATTLE CROSSING ON WEST BANK: I-60 FLOOD CONTROL DAM UPSTREAM:

013546 SAMPLE TYPE WELL WATER ;SITE 1194 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/09/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.338 ;LONG 97.440 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +10.0
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 296 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 294
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 210 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 210 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SLIDELL TOPO, SHERMAN QUAD; SAMPLED WELL APPROXIMATELY 180 M NW OF TRAILER:

013547 SAMPLE TYPE STREAM SEDIMENT ;SITE 1195 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/10/03/78
AIR TEMP(C)+ 20.2 ;LAT 33.480 ;LONG 97.435 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%

REMARKS:

I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER AND ALONG NORTH BANK OF STREAM OVER A 69 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 275 M DOWNSTREAM FROM BRIDGE. THE SITE IS LOCATED 10 M DOWNSTREAM FROM SHARP BEND IN STREAM TO THE NW: I-60 FLOOD CONTROL DAM UPSTREAM. REDUCED SEDIMENT IN SAMPLE:

013548 SAMPLE TYPE STREAM SEDIMENT ;SITE 1196 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/10/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.462 ;LONG 97.426 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 20 M INTERVAL GOING UPSTREAM STARTING 45 M UPSTREAM FROM FARMER'S ROAD THROUGH STREAM. THE SITE IS LOCATED 8 M DOWNSTREAM FROM DEAD TREE TRUNK AT STREAM: I-60 FLOOD CONTROL DAM UPSTREAM. WHEAT FIELDS UPSTREAM: I-77 SMELLS LIKE FERTILIZER:

013549 SAMPLE TYPE WELL WATER ;SITE 1197 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/10/03/78
AIR TEMP(C)+ 21.5 ;LAT 33.465 ;LONG 97.460 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER U WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR --CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 272 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 280
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 26 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 38 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GREENWOOD TOPO, SHERMAN QUAD; SAMPLED WINDMILL IN PASTURE 45 M SW OF FARMER'S ROAD: I-60 #1-72 #2-38 SAMPLE WAS CLEAR BUT CONTAINED SMALL RED-BROWN PARTICLES: I-60 DUE TO HIGH WINDS WINDMILL RAN ONLY 5 MINUTES BEFORE SAMPLE WAS TAKEN: I-78 MR. W.B. INGLISH % BOX 25 % ROSSTON, TEXAS % 76263: I-60 PRECIPITATE FORMED.

013550 SAMPLE TYPE WELL WATER ;SITE 1198 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/10/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.415 ;LONG 97.261 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR --CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 875 ;DISSOLVED OXYGEN(PPM) 7.3 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 462 ;P ALKALINITY(PPM) 102 ;M ALKALINITY(PPM) 462
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 93 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 99 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 ERA TOPO, SHERMAN QUAD; SAMPLED WELL 30 M WEST OF HOUSE: I-60 BLUE AROUND FAUCET. OWNER SAYS WELL CONTAINS A SMALL AMOUNT OF SULFUR:

013551 SAMPLE TYPE STREAM SEDIMENT ;SITE 1199 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/14/03/78
AIR TEMP(C)+ 19.2 ;LAT 33.427 ;LONG 97.363 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL CLAY ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 ERA TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 45 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 540 M UPSTREAM FROM FLOOD CONTROL DAM. THE SITE IS LOCATED 30 M UPSTREAM FROM LARGE TREE STUMP IN WILLOW TREES ON NORTH BANK: 1-60 MOTORCYCLE TRACKS IN STREAM. WHEAT FIELDS UPSTREAM:

013552 SAMPLE TYPE STREAM SEDIMENT ;SITE 1200 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/15/03/78
AIR TEMP(C)+ 11.8 ;LAT 33.218 ;LONG 96.694 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.04 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
1-38 MCKINNEY WEST TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 23 M INTERVAL GOING UPSTREAM STARTING 31 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 24 M DOWNSTREAM FROM FENCE; 1-60 WHEAT FIELDS UPSTREAM. GRAVEL PIT 2.5 MILES UPSTREAM:

013553 SAMPLE TYPE STREAM SEDIMENT ;SITE 1201 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/15/03/78
AIR TEMP(C)+ 11.2 ;LAT 33.210 ;LONG 96.691 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-GN-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL %
REMARKS:
1-38 MCKINNEY WEST TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 37 M INTERVAL GOING UPSTREAM STARTING 15 M UPSTREAM FROM PROPERTY LINE. THE SITE IS LOCATED 14 M UPSTREAM FROM GULLEY ON SOUTH BANK: 1-60 TWO FLOOD CONTROL DAMS ON TRIBUTARIES UPSTREAM:

013554 SAMPLE TYPE STREAM SEDIMENT ;SITE 1202 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/16/03/78
AIR TEMP(C)+ 15.0 ;LAT 33.231 ;LONG 96.672 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-GN-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 MCKINNEY WEST TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 246 M DOWNSTREAM FROM ABANDONNED ROAD AND WASHED OUT BRIDGE. THE SITE IS LOCATED 27 M DOWNSTREAM FROM CABLE WARNING SIGN ON EAST BANK: 1-60 DRY COW BONES IN GULLEY AT ABANDONNED ROAD. WHEAT FIELDS UPSTREAM: 1-71 CLAY ALSO PRESENT:

013555 SAMPLE TYPE STREAM SEDIMENT ;SITE 1203 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/03/78
AIR TEMP(C)+ 15.0 ;LAT 33.125 ;LONG 96.736 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR L-GY-GN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
1-38 PLANO TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 63 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 100M UPSTREAM FROM BRIDGE, THE SITE IS LOCATED 42 M UPSTREAM FROM FARMER'S ROAD CROSSING STREAM ON NORTH BANK: 1-60 WHEAT FIELDS UP STREAM:

013556 SAMPLE TYPE STREAM SEDIMENT ;SITE 1204 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/15/03/78

AIR TEMP(C)+ 15.0 ;LAT 33.114 ;LONG 96.734 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR L-GY-GN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 PLANO TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 37 M INTERVAL GOING UPSTREAM STARTING 45 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 27 M UPSTEAM FROM FENCE: I-60 WHEARFIELDS UPSTREAM:

013557 SAMPLE TYPE STREAM SEDIMENT ;SITE 1205 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/15/03/78
AIR TEMP(C)+ 13.5 ;LAT 33.116 ;LONG 96.711 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL NONE ;SAMPLE COLOR L-GY-GN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 PLANO TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 21 M INTERVAL GOING UPSTREAM STARTING 30 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 8 M UPSTREAM FROM GULLEY ON EAST BANK: I-60 WHEAT FIELDS UPSTREAM. GRAVEL PIT 3.5 MILES UPSTREAM: I-71 SAND AND CLAY:

013558 SAMPLE TYPE WELL WATER ;SITE 1206 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/03/78
AIR TEMP(C)+ 11.2 ;LAT 33.087 ;LONG 96.727 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +18.[illegible]
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 278 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 282
APPEARANCE CLEAR ;DISCHARGE(L/M) 17.00 ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PLANO TOPO, SHERMAN QUAD; SAMPLED WELL 22 M NE OF BRICK HOUSE:

013560 SAMPLE TYPE STREAM SEDIMENT ;SITE 1207 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/03/78
AIR TEMP(C)+ 14.8 ;LAT 33.075 ;LONG 96.708 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.15
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-GN-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 PLANO TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 21 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 170 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED AT DOWNSTREAM END OFSLIGHT BEND IN STREAM TO THE NNW: I-60 WHEAT FIELDS UPSTREAM:

013561 SAMPLE TYPE STREAM SEDIMENT ;SITE 1208 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/03/78
AIR TEMP(C)+ 14.8 ;LAT 33.078 ;LONG 96.687 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%

REMARKS:

1-38 PLANO TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 33 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 0.1 MILE UPSTREAM FROM BRIDGE, THE SITE IS LOCATED AT DOWNSTREAM END OF SHARP BEND IN STREAM: 1-60 WHEAT FIELDS UPSTREAM:

013563 SAMPLE TYPE WELL WATER ;SITE 1209 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/29/03/78
AIR TEMP(C)+ 20.5 ;LAT 33.779 ;LONG 96.657 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 615 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 252 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 246
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 29 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 29 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL 10M NORTH OF HOUSE: 1-60 BLUE RESIDUE ON FAUCET:

013564 SAMPLE TYPE WELL WATER ;SITE 1210 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/29/03/78
AIR TEMP(C)+ 22.3 ;LAT 33.834 ;LONG 96.678 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3110 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 342 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 346
APPEARANCE CLEAR ;DISCHARGE(L/M) 20.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 57 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL AT SOUTH END OF HOUSE. THE SITE IS LOCATED 30M NE OF WELL HEAD: 3-28 WATER TAKEN FROM SECOND PRODUCING HORIZON. SUBMERSIBLE PUMP OF 0.5 HORSEPOWER IS SET AT 57M: 1-60 GREEN RESIDUE ON FAUCET. WATERLINE FROM WELL HEAD TO FAUCET IS PVC: 1-38 ROBERT STRATTON - OWNER: 1-60 ORANGE PRECIPITATE FORMED OVER NIGHT:

013565 SAMPLE TYPE WELL WATER ;SITE 1211 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/29/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.881 ;LONG 96.648 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 780 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 476 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 469
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 49 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 54 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL 7M SW OF HOUSE: 1-60 BLUE AND GREEN RESIDUE ON FAUCET. SULFUR ODOR TO SAMPLE. ORANGE PRECIPITATE FORMED OVER NIGHT:

013566 SAMPLE TYPE WELL WATER ;SITE 1212 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/29/03/78
AIR TEMP(C)+ 19.5 ;LAT 33.884 ;LONG 96.632 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2630 ;DISSOLVED OXYGEN(PPM) 1.0 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 492 ;P ALKALINITY(PPM) 51 ;M ALKALINITY(PPM) 487
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 98 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 128 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; MR. CALVIN BARKER-OWNER. SAMPLED WELL 9M NW OF HOUSE: 1-60 BLUE RESIDUE ON FAUCET. SAMPLE HAS SULFUR ODOR. WELL HAS HAD NO RECENT USE AND IT RAN ONLY ONE MINUTE BEFORE SAMPLE WAS TAKEN:

013567 SAMPLE TYPE WELL WATER ;SITE 1213 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/31/03/78
AIR TEMP(C)+ 26.0 ;LAT 33.782 ;LONG 96.602 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2115 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 510 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 520
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 105 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL 4.5M NW OF HOUSE: 1-78 MR. JOHN JENSON % RT. 2, BOX 105C % DENISON, TEXAS % 75020: 1-77 POSSIBLE SULFUR ODOR:

013568 SAMPLE TYPE WELL WATER ;SITE 1214 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/31/03/78
AIR TEMP(C)+ 24.6 ;LAT 33.830 ;LONG 96.624 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 1440 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 345 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 344
APPEARANCE CLEAR ;DISCHARGE(L/M) 48.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 51 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 57 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL IN BRICK WELL HOUSE 13M SW OF BRICK HOUSE: 1-78 MR. JAKE BLACK % RT. 2, BOX 62J % DENISON, TEXAS % 75020: 2-37 WATER WAS FILTERED AND SOFTENED AFTER THE SAMPLE LOCATION: 3-28 THE WELL PRODUCES 6M OFF THE BOTTOM. THE PRODUCING HORIZON IS LOCATED AT 48M OR 54M. THE AVERAGE IS 51M: 3-34 TOTAL DEPTH IS 54 OR 60M. IT AVERAGES 57M. 3-23 #3-39 DRILLER-ALEX MOSER: 1-60 ORANGE PRECIPITATE OVER NITE:

013569 SAMPLE TYPE STREAM SEDIMENT ;SITE 1221 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/04/78
AIR TEMP(C)+ 25.6 ;LAT 33.806 ;LONG 96.563 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.50

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 DENISON DAM 15' MIN. TOPO, SHERMAN QUAD; COLLECTED IN CENTER AND ALONG EAST BANK OF STREAM OVER A 54M INTERVAL GOING UPSTREAM STARTING 84M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 55M DOWNSTREAM FROM SUPPORT TO ABANDONNED BRIDGE: I-51 CENTROID CODE IS LKFF: I-60 OIL WELLS UPSTREAM WITH NO VISIBLE CONTAMINATION IN STREAM, GRAVEL PITS AND ONE SQUARE MILE LAKE UPSTREAM:

013570 SAMPLE TYPE STREAM SEDIMENT ;SITE 1222 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/04/04/78
AIR TEMP(C)+ 28.2 ;LAT 33.790 ;LONG 96.520 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 DENISON DAM 15' TOPO OF SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 41M. INTERVAL GOING UPSTREAM STARTING 72M UPSTREAM FROM GULLY ON SE BANK. THE SITE IS LOCATED 6M UPSTREAM FROM DIRT ROAD CROSSING STREAM: I-60 CITY UPSTREAM, RAILROAD UPSTREAM, PLOWED FIELDS UPSTREAM: I-51 CENTROID IS IN LKFD:

013571 SAMPLE TYPE WELL WATER ;SITE 1223 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/05/04/76
AIR TEMP(C)+ 21.5 ;LAT 33.796 ;LONG 96.573 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1280 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +17.2
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 306 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 302
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKWC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL 12M WEST OF BRICK HOUSE: 3-20 BRICK, CEMENT, ROCKS: I-60 DUG WELL WITH BRICK, CEMENT, AND ROCKS USED AS CASING. SAMPLE TAKEN BY USING ELECTRIC PUMP ON WELL: 3-28 PLASTIC PIPE IS SET AT APPROXIMATELY 7.5 METERS:

013572 SAMPLE TYPE STREAM SEDIMENT ;SITE 1232 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/11/04/78
AIR TEMP(C)+ 13.2 ;LAT 33.772 ;LONG 96.501 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 2.50
WATER LEVEL HIGH ;BED MATERIAL NONE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 105 M DOWNSTREAM FROM TRIBUTARY ON SOUTH BANK. THE SITE IS LOCATED 37M DOWNSTREAM FROM SMALL WATERFALL: I-60 SEWAGE PLANT, WHEAT FIELDS, AND CITY UPSTREAM; I-71 COBBLES AND PEBBLES; I-77 SMELLS LIKE SEWAGE:

013573 SAMPLE TYPE STREAM SEDIMENT ;SITE 1239 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/12/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.809 ;LONG 96.668 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL HIGH ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 33 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 0.1 MILE DOWNSTREAM FROM BEND IN STREAM TO THE EAST. THE SITE IS LOCATED 7 M DOWNSTREAM FROM GULLY ON WEST BANK: I-60ABANDONNED GRAVEL PISTS UPSTREAM: I-71 COBBLES AND PEBBLES: I-60 SEWAGE PLANT UPSTREAM:

013574 SAMPLE TYPE STREAM SEDIMENT ;SITE 1240 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/12/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.814 ;LONG 96.667 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 42 M INTERVAL GOING UPSTREAM STARTING 6 M UPSTREAM FROM SHARP BEND IN STREAM TO THE WEST. THE SITE IS LOCATED 7M DOWNSTREAM FROM SANDBAR: I-71 COBBLES AND PEBBLES:

013575 SAMPLE TYPE WELL WATER ;SITE 1243 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/04/78
AIR TEMP(C)+ 25.0 ;LAT 33.813 ;LONG 96.729 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 585 ;DISSOLVED OXYGEN(PPM) 6.5 ;WATER TEMP(C) +19.6
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 312 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 311
APPEARANCE CLEAR ;DISCHARGE(L/M) 45.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE
WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 66 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 66 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15' TOPO, SHEMAN QUAD; SAMPLED WELL 6M SW OF LARGE WATER TANKS:

013576 SAMPLE TYPE STREAM SEDIMENT ;SITE 1244 ;MAP NI1409 ;SAMPLER MJA ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.244 ;LONG 96.615 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL CLAY ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 08%
REMARKS:
I-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 63M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 10M DOWNSTREAM FROM LARGE ROOTED-OUT TREE ON SOUTH BANK: I-60 STREAM CONTAINS LARGE AMOUNTS OF LEAVES AND STICKS. WHEAT FIELDS UPSTREAM:

013578 SAMPLE TYPE WELL WATER ;SITE 1245 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.224 ;LONG 96.679 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 595 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 310
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 37M SW OF HOUSE NEAR GARAGE:

013579 SAMPLE TYPE WELL WATER ;SITE 1246 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/17/04/78
AIR TEMP(C)+ 25.2 ;LAT 33.236 ;LONG 96.732 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2260 ;DISSOLVED OXYGEN(PPM) 1.8 ;WATER TEMP(C) +23.7
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 803 ;P ALKALINITY(PPM) 44 ;M ALKALINITY(PPM) 800
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK BEFORE ;USE HOUSE/IRRIG.;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 110 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M. 299 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL IN CEMENT BLOCK WELL HOUSE 28M EAST OF HOUSE; 3-28 OWNER SAID THAT FIRST WATER WAS HIT AT 34M:

013580 SAMPLE TYPE STREAM SEDIMENT ;SITE 1247 ;MAP NI1409 ;SAMPLER MJA ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/04/78
AIR TEMP(C)+ 19.5 ;LAT 33.185 ;LONG 96.640 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.50
WATER LEVEL HIGH ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 33M INTERVAL GOING UPSTREAM STARTING 72M DOWNSTREAM FROM SHARP BEND IN STREAM TO THE NORTHWEST. THE SITE IS LOCATED 60M UPSTREAM FROM BRIDGE: I-60 SPILLWAYS ON TRIBUTARIES UPSTREAM. THIN LAYER OF BROWN ALGAE WAS SCRAPED OFF TOP OF SEDIMENT BEFORE SAMPLE WAS TAKEN: I-71 PEBBLES, CLAY;

013581 SAMPLE TYPE STREAM SEDIMENT ;SITE 1248 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.249 ;LONG 96.586 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL CLAY ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 22M INTERVAL GOING UPSTREAM STARTING 60M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 24M DOWNSTREAM FROM BEND IN STREAM: I-60 WHEAT FIELDS AND RAILROAD UPSTREAM:

013582 SAMPLE TYPE WELL WATER ;SITE 1249 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.228 ;LONG 96.612 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 655 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 566 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 568

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 12
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON EAST SIDE OF WHITE HOUSE: 3-20 BRICK:

013583 SAMPLE TYPE WELL WATER ;SITE 1250 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.232 ;LONG 96.546 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 590 ;DISSOLVED OXYGEN(PPM) 8.2 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 300 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 300
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE IRRIGATION ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL 1M NORTH OF HOUSE, MR. W. BOMAR-OWNER: 1-60 TOP 3M OF DUG WELL IS GALVANIZED STEEL. SAMPLED WELL WITH ROPE AND METAL BUCKET: 3-19 ROPE AND BUCKET: 3-20 TOP 3M OF WELL IS GALVANIZED STEEL. THE REMAINING CASING IS FORMATION: 3-21 NO PIPE:

013584 SAMPLE TYPE WELL WATER ;SITE 1251 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/18/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.183 ;LONG 96.560 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 490 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) +16.2
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 258 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 260
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED UNUSED DUG WELL 20M WEST OF JUNCTION OF TWO FARM ROADS: 1-60 SAMPLED BY ROPE AND PLASTIC BUCKET: 3-19 ROPE AND BUCKET: 3-20 #3-21 NONE: 1-38 PHILIP GUTHRIE-OWNER: 1-60 CONCRETE SLAB OVER TOP OF WELL:

013585 SAMPLE TYPE STREAM SEDIMENT ;SITE 1252 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/04/78
AIR TEMP(C)+ 16.5 ;LAT 33.195 ;LONG 96.562 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS MINING ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL CLAY ;SAMPLE COLOR L-BN-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 66M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 8M UPSTREAM FROM FENCE OVER STREAM: 1-60 SAMPLE COLLECTED BY USING SCOOP AND POLE. MAP INDICATES 14 GRAVEL PITS UPSTREAM. SMALL AMOUNT OF TRASH IN STREAM: 1-71 PEBBLES ALSO PRESENT:

013586 SAMPLE TYPE WELL WATER ;SITE 1253 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/19/04/78
AIR TEMP(C)+ 15.8 ;LAT 33.235 ;LONG 96.504 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 815 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +15.4
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 418 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 418
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 40
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 0 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL IN BLUE HOUSE 40M WEST OF WELL HOUSE, MR. H. THOMAS-OWNER:
3-20 CEMENT TILE 1M IN DIAMETER DOWN TO 4M: 3-21 PLASTIC PIPE IN WELL AND 40M OF GALVANIZED PIPE TO FAUCET IN HOUSE:

013587 SAMPLE TYPE WELL WATER ;SITE 1254 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.188 ;LONG 96.503 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +15.7
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 330 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 332
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 1.0M SE OF HOUSE: 1-60 SAMPLED BY USING ROPE AND PLASTIC BUCKET. DUG WELL HAS HAD NO RECENT USE: 3-19 ROPE AND BUCKET: 3-20 BRICK AND CEMENT DOWN TO 2M: 3-21 NONE: 3-33 #3-39 # MEASURED IT: 1-78 MR. HUGH MCGEE % P.O. BOX 141 % PRINCETON, TEXAS % 75077:

013588 SAMPLE TYPE WELL WATER ;SITE 1255 ;MAP N1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/19/04/78
AIR TEMP(C)+ 19.8 ;LAT 33.148 ;LONG 96.501 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 525 ;DISSOLVED OXYGEN(PPM) 6.5 ;WATER TEMP(C) +14.6
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 360 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 360
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UK0Z ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 4 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL APPROXIMATELY 100M NNW OF HOUSE: 1-60 SAMPLED USING ROPE AND PLASTIC BUCKET: 3-19 ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE: 3-33 #3-39 MEASURED IT:

013589 SAMPLE TYPE STREAM SEDIMENT ;SITE 1256 ;MAP N1409 ;SAMPLER MJA ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 17/19/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.156 ;LONG 96.551 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.80
WATER LEVEL HIGH ;BED MATERIAL CLAY ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 200M UPSTREAM ABANDONNED BRIDGE. THE SITE IS LOCATED 30M UPSTREAM FROM BEND IN STREAM TO THE SOUTH: I-60 GRAVEL PITS UPSTREAM. METAL TRASH IN STREAM. CHEMICAL PLANT UPSTREAM:

013590 SAMPLE TYPE WELL WATER ;SITE 1257 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/19/04/78
AIR TEMP(C)+ 15.0 ;LAT 33.174 ;LONG 96.597 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 345 ;DISSOLVED OXYGEN(PPM) 0.6 ;WATER TEMP(C) +16.1
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 178 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 180
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 18M EAST OF HOUSE: I-60 WELL WAS UNCOVERED. SAMPLED BY ROPE AND PLASTIC BUCKET; I-72 #2-68 SAMPLE WAS CLEAR BUT HAD A LIGHT YELLOW COLOR: 3-19 BROKEN HAND PUMP: 3-20 BRICK AND CEMENT: 3-21 NONE:

013591 SAMPLE TYPE WELL WATER ;SITE 1258 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/20/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.174 ;LONG 96.732 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 575 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 468 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 473
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 6M SOUTH OF HOUSE: 3-20 0.9M CEMENT PIPE: 3-33 #3-39 MEASURED IT; I-38 MR. AMBROSE SECOR-OWNER:

013592 SAMPLE TYPE WELL WATER ;SITE 1259 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/20/04/78
AIR TEMP(C)+ 19.5 ;LAT 33.177 ;LONG 96.680 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 625 ;DISSOLVED OXYGEN(PPM) 4.4 ;WATER TEMP(C) +15.3
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 325 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 320
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:

1-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 2M EAST OF HOUSE; 1-60 ROPE AND PLASTIC BUCKET WERE USED TO OBTAIN SAMPLE: 3-19 ROPE AND BUCKET; 3-20 BRICK AND CEMENT DOWN TO 2M; 3-21 NONE; 3-33 MEASURED IT;

013593 SAMPLE TYPE WELL WATER ;SITE 1260 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/20/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.140 ;LONG 96.708 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1080 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +17.7
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 622 ;P ALKALINITY(PPM) 26 ;M ALKALINITY(PPM) 640
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE USER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 120
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 240 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 410 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS;
1-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET APPROXIMATELY 150M SSW OF OLD BARN. THE WELL IS LOCATED APPROXIMATELY 180M SSE OF OLD BARN; 1-60 #3-22 SAMPLE WAS TAKEN AFTER HOLDING TANK. THE CLOSEST FAUCET WAS APPROXIMATELY 120M DUE WEST OF TANK. HOLDING TANK ELIMINATES SULFUR ODOR; 2-69 #3-28 FIVE HORSEPOWER PUMP AT 240M;

013594 SAMPLE TYPE WELL WATER ;SITE 1261 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/20/04/78
AIR TEMP(C)+ 16.5 ;LAT 33.140 ;LONG 96.663 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 465 ;DISSOLVED OXYGEN(PPM) 5.8 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 198 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 200
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 44M WEST OF HOUSE; 1-60 SAMPLED USING ROPE AND PLASTIC BUCKET; 3-19 ROPE AND BUCKET; 3-20 CONCRETE TILE 0.9M IN DIAMETER DOWN TO 1.5M; 3-21 NONE; 3-33 #3-39 MEASURED IT;

013595 SAMPLE TYPE WELL WATER ;SITE 1262 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/21/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.101 ;LONG 96.643 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 470 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +16.0
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 332 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 338
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS;
1-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL AT FAUCET 25M NW OF HOUSE; 1-60 THE BRICK AND CEMENT CASING IS BEGINNING TO SLUMP OFF INTO WELL; 3-20 BRICK AND CEMENT; 3-21 PLASTIC PIPE TO TOP OF WELL. APPROXIMATELY 8M OF GALVANIZED PIPE FROM WELL HEAD TO FAUCET; 3-33 #3-39 MEASURED IT;

013596 SAMPLE TYPE STREAM SEDIMENT ;SITE 1263 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/21/04/78
AIR TEMP(C)+ 22.2 ;LAT 33.105 ;LONG 96.565 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS MINING ;STREAM FLOW(M/SEC) 0.03 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR L-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 63 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 24 M UPSTREAM FROM TRIBUTARY ON NE BANK. I-60 MAP INDICATES 11 GRAVEL PITS UPSTREAM; I-71 PEBBLES ALSO PRESENT;

013597 SAMPLE TYPE STREAM SEDIMENT ;SITE 1264 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/21/04/78
AIR TEMP(C)+ 22.2 ;LAT 33.145 ;LONG 96.587 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.80
WATER LEVEL NORMAL ;BED MATERIAL CLAY ;SAMPLE COLOR L-YL-GY ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER AND ALONG NORTH BANK OF STREAM OVER A 22 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 57 M UPSTREAM FROM TRIBUTARY ON SOUTH BANK. THE SITE IS LOCATED ON DOWNSTREAM END OF SHARP BEND IN STREAM; I-71 PEBBLES ALSO PRESENT; I-60 GRAVEL PITS AND RAILROAD UPSTREAM. SAMPLE TAKEN IN PECAN TREE ORCHARD. POSSIBLE REDUCED SEDIMENT IN SAMPLE. LAYER OF GREEN MOSS OVER SEDIMENT; I-77 FERTILIZER;

013599 SAMPLE TYPE WELL WATER ;SITE 1265 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/21/04/78
AIR TEMP(C)+ 20.0 ;LAT 33.137 ;LONG 96.559 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 7.3 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 532 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 525
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 2M SOUTH OF HOUSE; 3-20 BRICK AND CEMENT; 3-21 PLASTIC PIPE TO TOP OF WELL AND GALVANIZED PIPE TO FAUCET; I-78 MR. J. F. KLEMM % RT. 5 % MCKINNEY, TEXAS % 75069;

013600 SAMPLE TYPE STREAM SEDIMENT ;SITE 1266 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/04/78
AIR TEMP(C)+ 24.8 ;LAT 33.008 ;LONG 96.719 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS URBAN ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL HIGH ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 75 M INTERVAL GOING UPSTREAM STARTING 84 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 64 M DOWNSTREAM FROM TRIBUTARY ON SW BANK AND 2 M DOWNSTREAM FROM SLIGHT BEND IN STREAM; I-60 CONCRETE, TILE, AND OTHER BUILDING MATERIAL IN STREAM;

013601 SAMPLE TYPE STREAM SEDIMENT ;SITE 1267 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/04/78
AIR TEMP(C)+ 26.2 ;LAT 33.023 ;LONG 96.713 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE

WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.50
WATER LEVEL HIGH ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 24 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 250 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 9 M UPSTREAM FROM PIPE ON EAST BANK; I-60 GRAVEL PIT UPSTREAM. SMALL AMOUNT OF CONRETE IN STREAM:

013602 SAMPLE TYPE STREAM SEDIMENT ;SITE 1268 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/04/78
AIR TEMP(C)+ 30.0 ;LAT 33.042 ;LONG 96.672 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 32 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 350 M DOWNSTREAM FROM TRIBUTARY ON SW BANK. THE SITE IS LOCATED 19 M DOWNSTREAM FROM BEND IN STREAM TO THE NW; I-60 SAMPLE TAKEN NEAR PECAN TREE ORCHARD. GRAVEL PIT UPSTREAM: I-71 SAND, SILT, CLAY:

013603 SAMPLE TYPE WELL WATER ;SITE 1269 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.047 ;LONG 96.684 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3815 ;DISSOLVED OXYGEN(PPM) 5.6 ;WATER TEMP(C) +20.7
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 1136 ;P ALKALINITY(PPM) 47 ;M ALKALINITY(PPM) 1140
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 96
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 21 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO USER ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO
REMARKS:
I-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 7 M WEST OF BARN AT FAUCET; I-60 SAMPLE TAKEN AFTER TWO STORAGE TANKS, ONE OF CONCRETE BLOCKS AND ONE OF STEEL. TOTAL ESTIMATE OF HOLDING TANKS IS 72,000 LITERS; 3-22 SAMPLE TAKEN AFTER HOLDING TANK: I-60 BLUE GREEN RESIDUE ON FAUCET:

013604 SAMPLE TYPE STREAM SEDIMENT ;SITE 1270 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/24/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.025 ;LONG 96.642 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 22 M INTERVAL GOING UPSTREAM STARTING 40 M UPSTREAM FROM BEND IN STREAM: I-60 SEWAGE PLANT UPSTREAM. SAMPLE TAKEN IN PECAN TREE ORCHARD. GRAVEL PITS UPSTREAM:

013605 SAMPLE TYPE STREAM SEDIMENT ;SITE 1271 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/24/04/78
AIR TEMP(C)+ 22.0 ;LAT 33.018 ;LONG 96.603 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING AT DOWNSTREAM END OF SLIGHT BEND IN STREAM. THE SITE IS LOCATED 10 M UPSTREAM FROM ROCK OF FORMATION IN MIDDLE OF STREAM: 1-60 SMALL AMOUNTOF REDUCED SEDIMENT IN SAMPLE. GREEN PLANTS GROWING IN STREAM. RECENT SMALL URBAN DEVELOPMENT IN AREA OF SAMPLE: 1-71 PEBBLES PRESENT:

013606 SAMPLE TYPE WELL WATER ;SITE 1272 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/25/04/78
AIR TEMP(C)+ 16.0 ;LAT 33.136 ;LONG 96.610 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 5.5 ;WATER TEMP(C) +14.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 380 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 376
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL 11 M SW OF HOUSE: 1-60 SAMPLED USING ROPE AND PLASTIC BUCKET. WELL WAS COVERED BY RUSTY METAL TABLE. SMALL AMOUNT OF PLASTIC TRASH IN WELL: 3-19 ROPE AND BUCKET. WELL WAS AT ONE TIME ELECTRIC: 3-20 BRICK AND CEMENT: 3-21 NONE BUT OLD GALVANIZED PIPE REACHES 0.5 M ABOVE THE WATER: 3-33 #3-39 MEASURED IT:

013607 SAMPLE TYPE WELL WATER ;SITE 1273 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/25/04/78
AIR TEMP(C)+ 18.2 ;LAT 33.085 ;LONG 96.591 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 435 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 316 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 320
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL 15 M SOUTH OF NEW BRICK BUILDING: 1-60 SAMPLED UNCOVERED WELL WITH ROPE AND PLASTIC BUCKET: 3-19 ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE: 3-33# 3-39 MEASURED IT: 1-60 SMALL SLUMP IN WELL AT 1 M:

013609 SAMPLE TYPE WELL WATER ;SITE 1274 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/25/04/78
AIR TEMP(C)+ 18.5 ;LAT 33.089 ;LONG 96.542 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 635 ;DISSOLVED OXYGEN(PPM) 1.1 ;WATER TEMP(C) +15.2
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 160 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 158
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 2 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 7 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:

I-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 12 M NORTH OF HOUSE; I-60 SAMPLED WITH ROPE AND PLASTIC BUCKET; 3-19 CHAIN AND METAL BUCKET; 3-20 BRICK AND CEMENT; 3-21 NONE; 3-33 MEASURED IT;

013610 SAMPLE TYPE WELL WATER ;SITE 1275 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/25/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.102 ;LONG 96.505 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1310 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 273 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 274
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 13 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON EAST SIDE OF BRICK HOUSE; 3-21 THERE ARE 2M OF COPPER PIPE BETWEEN THE PRESSURE TANK AND THE FAUCET; I-78 MR. JOE TIDWELL % RT. 5 % MCKINNEY, TEXAS % 75069;

013611 SAMPLE TYPE WELL WATER ;SITE 1276 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/25/04/78
AIR TEMP(C)+ 21.3 ;LAT 33.064 ;LONG 96.505 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 695 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 570 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 570
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 5M SOUTH OF HOUSE; 3-21 GALVANIZED PIPE FROM WELL HEAD TO FAUCET;

013612 SAMPLE TYPE WELL WATER ;SITE 1277 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/26/04/78
AIR TEMP(C)+ 21.0 ;LAT 33.053 ;LONG 96.555 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 840 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +15.0
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 536 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 538
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKOZ ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS;
I-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL IS PASTURE 150M SOUTH OF HOUSE; I-60 SAMPLED USING ROPE AND PLASTIC BUCKET WELL WAS UNCOVERED; 3-19 ONCE ELECTRIC, NOW NONE; 3-20 BRICK AND CEMENT; 3-21 NONE; 3-33 #3-39 MEASURED IT;

013613 SAMPLE TYPE WELL WATER ;SITE 1278 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/26/04/78

AIR TEMP(C)+ 19.5 ;LAT 33.041 ;LONG 96.722 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 715 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 428 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 448
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL 9M NW OF NEW BRICK HOUSE; 1-60 SAMPLED USING ROPE AND PLASTIC
BUCKET: 3-19 ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE, BUT UNUSED GALVANIZED PIPE REACHES INTO WATER: 3-33
MEASURED IT; 1-38 MR. V. BARNETTE-OWNER;

013615 SAMPLE TYPE WELL WATER ;SITE 1279 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/26/04/78
AIR TEMP(C)+ 21.8 ;LAT 33.039 ;LONG 96.612 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 370 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 190 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 192
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL 2M SOUTH OF HOUSE; 1-60 SAMPLED USING OWNER'S ROPE AND METAL
BUCKET: 3-19 ROPE AND BUCKET: 3-20 BRICK AND CEMENT: 3-21 NONE; 3-33 #3-39 MEASURED IT;

013616 SAMPLE TYPE STREAM SEDIMENT ;SITE 1280 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/26/04/78
AIR TEMP(C)+ 20.8 ;LAT 33.013 ;LONG 96.571 ;UNIT CODE UKOZ ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL CLAY ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 15%
REMARKS;
1-38 WYLIE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM STARTING 40M
UPSTREAM FROM BRIDGE; 1-60 WHEAT FIELDS AND RESERVOIR UPSTREAM. SAMPLE IS REDUCED SEDIMENT;

013618 SAMPLE TYPE WELL WATER ;SITE 1281 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/27/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.067 ;LONG 96.646 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 535 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +15.4
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 410 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 393
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH HIGH

SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER

REMARKS:
I-38 PLANO 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL IN PASTURE 40M WEST OF JUNCTION OF ROADS; I-60 SAMPLED USING ROPE AND PLASTIC BUCKET; 3-19 ONCE ROPE AND BUCKET NOW NONE; 3-20 BRICK AND CEMENT AROUND TOP OF WELL. FORMATION IS THE REMAINING CASING; 3-33 #3-39 MEASURED IT;

013619 SAMPLE TYPE WELL WATER ;SITE 1282 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/27/04
AIR TEMP(C)+ 25.2 ;LAT 33.232 ;LONG 96.510 ;UNIT CODE UK0Z ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 1565 ;DISSOLVED OXYGEN(PPM) 5.0 ;WATER TEMP(C) +30.4
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 575 ;P ALKALINITY(PPM) 19 ;M ALKALINITY(PPM) 582
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 471 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 471 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 MCKINNEY EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 42M SSW OF JUNCTION OF TWO PAVED ROADS; I-60 #2-37 CHLORINE ADDED TO WATER AT WELL HEAD; 2-79 #3-39 PAST OPERATOR- MRS. BILL MARSHALL; 1-71 CHLORINE;

013620 SAMPLE TYPE WELL WATER ;SITE 1283 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/01/05/78
AIR TEMP(C)+ 21.5 ;LAT 33.230 ;LONG 96.665 ;UNIT CODE UKA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 660 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +16.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 294 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 306
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 8 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 MCKINNEY WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED DUG WELL 4M SE OF BARN; I-60 SAMPLED USING ROPE AND PLASTIC BUCKET; 3-19 ONCE ELECTRIC NOW NONE; 3-20 BRICK AND CEMENT TO 2M; 3-21 NONE; 3-39 MEASURED IT;

013621 SAMPLE TYPE STREAM SEDIMENT ;SITE 1284 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/01/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.788 ;LONG 97.207 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 35M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 110M DOWNSTREAM FROM JUNCTION WITH TRIBUTARY. THE SITE IS LOCATED 24M DOWNSTREAM FROM LARGE STUMP ON SW BANK; I-60 OIL WELLS UPSTREAM BUT NO VISIBLE CONTAMINATION;

013622 SAMPLE TYPE STREAM SEDIMENT ;SITE 1285 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/02/05/78
AIR TEMP(C)+ 11.5 ;LAT 33.752 ;LONG 97.215 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL COBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 4M INTERVAL GOING UPSTREAM STARTING EAST OF BARN ON WEST BANK. THE SITE IS LOCATED 3M UPSTREAM FROM TWO TREES IN CENTER OF STREAM: I-60 STREAM FOLLOWS HIGHWAY:

013623 SAMPLE TYPE WELL WATER ;SITE 1286 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/02/05/78
AIR TEMP(C)+ 10.0 ;LAT 33.785 ;LONG 97.231 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 825 ;DISSOLVED OXYGEN(PPM) 1.6 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 734 ;P ALKALINITY(PPM) 160 ;M ALKALINITY(PPM) 736
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD TO WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 78 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 78 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 8M SW OF HOUSE: I-60 GREEN BLUE ON FAUCET: I-78 MRS. HENRY G. HARREL % STAR ROUTE % GAINESVILLE, TEXAS % 76240:

013624 SAMPLE TYPE WELL WATER ;SITE 1287 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/02/05/78
AIR TEMP(C)+ 11.8 ;LAT 33.838 ;LONG 97.234 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1610 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 720 ;P ALKALINITY(PPM) 83 ;M ALKALINITY(PPM) 714
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD I WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 53M NW OF HOUSE, MR. ROBERT RICHEY-OWNER: 3-34 THE PIPE EXTENDS TO 71M BUT THE TOTAL WELL DEPTH IS 90M:

013625 SAMPLE TYPE STREAM SEDIMENT ;SITE 1288 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/05/78
AIR TEMP(C)+ 11.8 ;LAT 33.873 ;LONG 97.178 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.50
WATER LEVEL POOLS ;BED MATERIAL NONE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 60M INTERVAL GOING UPSTREAM STARTING 60M DOWNSTREAM FROM SHARP BEND IN STREAM. THE SITE IS LOCATED 17M UPSTREAM FROM WELL ON NORTH BANK: I-60 OIL WELLS UPSTREAM. DRIED WHITE SKUM AND GREEN MOSS ON ROCKS: I-71 COBBLES, PEBBLES, AND SAND:

013627 SAMPLE TYPE WELL WATER ;SITE 1289 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/05/78
AIR TEMP(C)+ 12.5 ;LAT 33.852 ;LONG 97.215 ;UNIT CODE LKDD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1900 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +15.7
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 694 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 704
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

2

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 128 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 128 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS;
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 10M SE OF HOUSE: I-78 MRS.HENRY G HARRELL % STAR ROUTE
% GAINESVILLE TEXAS % 76240: I-60 BLUE GREEN RESIDUE ON FAUCET:

013628 SAMPLE TYPE WELL WATER ;SITE 1290 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/05/78
AIR TEMP(C)+ 13.0 ;LAT 33.883 ;LONG 97.232 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3070 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 527 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 522
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

5

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 16
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON WEST SIDE OF HOUSE: I-60 BLUE GREEN RESIDUE
ON FAUCET: I-78 MR. DENNIS MARTIN % STAR ROUTE % GAINESVILLE, TEXAS % 76240: I-60 OWNER SAYS WATER IS SALTY:

013629 SAMPLE TYPE STREAM SEDIMENT ;SITE 1328 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/05/78
AIR TEMP(C)+ 28.8 ;LAT 33.758 ;LONG 97.038 ;UNIT CODE LKPD ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.18 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 02%
REMARKS;
I-38 HORSESHOE BEND 7 1/2' TOPT, SHERMAN WUAD; COLLECTED IN CENTER OF STREAM OVER A 54M. INTERVAL GOING UPSTREAM
3 STARTING 30M. UPSTREAM FROM BRIDGE: I-60 OIL AND GAS WELLS UPSTREAM:

013630 SAMPLE TYPE WELL WATER ;SITE 1329 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/23/05/78
AIR TEMP(C)+ 28.8 ;LAT 33.785 ;LONG 96.991 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 475 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 5.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 51 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 48
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:

I-38 GORDONVILLE 15' TOPO, SHERMAN QUAD; SAMPLED WELL 30M. SE OF HOUSE, MR. L. R. CONAWAY - OWNER: 3-21 GREEN BLUE ON FAUCET. JET PUMP SET AT 21 M:

013631 SAMPLE TYPE WELL WATER ;SITE 1330 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/05/78
AIR TEMP(C)+ 32.0 ;LAT 33.827 ;LONG 96.991 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 990 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 5.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 60 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 60
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE 15' TOPO, SHERMAN QUAD; SAMPLED DUG WELL AT FAUCET 2M. SOUTH OF HOUSE, MR. D. M. PHELPS - OWNER:
3-21 GREEN BLUE ON FAUCET: 3-20 CEMENT AND SANDSTONE DOWN TO 5 M:

013632 SAMPLE TYPE STREAM SEDIMENT ;SITE 1331 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/05/78
AIR TEMP(C)+ 31.3 ;LAT 33.821 ;LONG 97.010 ;UNIT CODE UKWD ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 69M. INERVAL GOING UPSTREAM
STARTING APPROXIMATELY 50M. UPSTREAM FROM BEND IN STREAM: I-60 OIL WELLS UPSTREAM. BROWN ALGAE GROWING OVER SEDIMENTS:
I-71 PEBBLES AND COBBLES ALSO PRESENT:

013633 SAMPLE TYPE WELL WATER ;SITE 1332 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.815 ;LONG 97.045 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1505 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +20.6
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 504 ;P ALKALINITY(PPM) 58 ;M ALKALINITY(PPM) 504
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 128 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 128 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 45M. WEST OF TRAILER: 3-21 #3-28 SUBMERSIBLE PUMP SET AT 67 M:

013634 SAMPLE TYPE WELL WATER ;SITE 1333 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/05/78
AIR TEMP(C)+ 30.2 ;LAT 33.779 ;LONG 97.064 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1555 ;DISSOLVED OXYGEN(PPM) 1.7 ;WATER TEMP(C) +21.6

VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 616 ;P ALKALINITY(PPM) 62 ;M ALKALINITY(PPM) 617
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE MUNICIPAL ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 101 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 101 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 2 M. SOUTH OF WELLHOUSE: 3-28 WATER STANDS AT 30 M. DOWN: 3-39 WELL DATA INSIDE WELL HOUSE:

013635 SAMPLE TYPE WELL WATER ;SITE 1334 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/24/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.781 ;LONG 97.834 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1270 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +22.8
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 438 ;P ALKALINITY(PPM) 34 ;M ALKALINITY(PPM) 438
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 62 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 71 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 2M. WEST OF HOUSE, MR. G. MEDEARIS - OWNER: 3-21
6 # 3-28 SUBMERSIBLE PUMP IS SET AT 60 M:

013636 SAMPLE TYPE WELL WATER ;SITE 1335 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.831 ;LONG 97.829 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
LE WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1270 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +21.4
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 526 ;P ALKALINITY(PPM) 42 ;M ALKALINITY(PPM) 524
APPEARANCE CLEAR ;DISCHARGE(L/M) 58.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 117 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 123 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 5 M. EAST OF HOUSE, MR. C. R. COLEMAN - OWNER: 3-20 STEEL CASING LINED WITH PLASTIC DOWN TO 42 M. AND STEEL CASING FROM 42 M. TO BOTTOM OF WELL: 3-28 SUBMERSIBLE PUMP IS SET AT 40 M:

013637 SAMPLE TYPE STREAM SEDIMENT ;SITE 1336 ;MAP NI1409 ;SAMPLER MJA ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/05/78
AIR TEMP(C)+ 29.5 ;LAT 33.836 ;LONG 97.805 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 45M. INTERVAL GOING UPSTREAM STARTING 80M. UPSTREAM FROM BRIDGE; I-60 OIL WELLS AND ABANDONED RAILROAD UPSTREAM:

013638 SAMPLE TYPE WELL WATER ;SITE 1337 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/05/78
AIR TEMP(C)+ 31.2 ;LAT 33.831 ;LONG 97.774 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1610 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +24.3
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 580 ;P ALKALINITY(PPM) 34 ;M ALKALINITY(PPM) 572
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 26
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 85 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 85 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON SW CORNER OF HOUSE:

013639 SAMPLE TYPE STREAM SEDIMENT ;SITE 1338 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/24/05/78
AIR TEMP(C)+ 29.2 ;LAT 33.891 ;LONG 97.765 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 FLEETWOOD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 45 M INTERVAL GOING UPSTREAM STARTING
200 M DOWNSTREAM FROM BRIDGE: I-60 ABANDONED SEWAGE DISPOSAL UPSTREAM. SAMPLE TAKEN 200 M DOWNSTREAM FROM BRIDGE:
I-77 #I-60 SMALL AMOUNT OF REDUCED SEDIMENT IN SAMPLE:

013640 SAMPLE TYPE WELL WATER ;SITE 1339 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.874 ;LONG 97.775 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1970 ;DISSOLVED OXYGEN(PPM) 0.8 ;WATER TEMP(C) +26.1
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 768 ;P ALKALINITY(PPM) 30 ;M ALKALINITY(PPM) 740
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 180
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL APPROXIMATELY 180 M EAST OF WELL HEAD AND 17 M NW OF TRAILER,
MR. R. COWDEN - OWNER: 2-41 # 2-46 # 2-49 # 2-52 HAD TO TAKE HORIBA READINGS AFTER 10 M OF PLASTIC HOSE: 3-21 0.5
M OF COPPER PIPE AT WELL HEAD: 3-28 SUBMERSIBLE PUMP IS SET AT 74 M:

013641 SAMPLE TYPE STREAM SEDIMENT ;SITE 1340 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/24/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.811 ;LONG 97.810 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 45 M INTERVAL GOING UPSTREAM STARTING
APPROXIMATELY 75 M DOWNSTREAM FROM TRIBUTARY: I-60 OIL WELLS UPSTREAM: I-77 #I-60 REDUCED SEDIMENT IN SAMPLE: I-60

ABANDONED RAILROAD UPSTREAM:

013642 SAMPLE TYPE STREAM SEDIMENT ;SITE 1341 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 19/24/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.786 ;LONG 97.785 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.40
WATER LEVEL POOLS ;BED MATERIAL SILT ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 60 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 65 M UPSTREAM FROM BRIDGE: I-60 OIL WELLS UPSTREAM BUT NO VISIBLE CONTAMINATION:

013643 SAMPLE TYPE STREAM SEDIMENT ;SITE 1342 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/25/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.778 ;LONG 97.825 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 75 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 145 M DOWNSTREAM FROM JUNCTION WITH TRIBUTARY; I-60 REDUCED SEDIMENT IN SAMPLE:

013644 SAMPLE TYPE STREAM SEDIMENT ;SITE 1343 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/25/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.817 ;LONG 97.868 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.40
WATER LEVEL POOLS ;BED MATERIAL CLAY ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 75 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 150 M UPSTREAM FROM BRIDGE: I-60 ABANDOND RAILROAD UPSTREAM:

013645 SAMPLE TYPE WELL WATER ;SITE 1344 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.820 ;LONG 97.899 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2125 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +21.1
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER TOTAL ALKALINITY(PPM) 620 ;P ALKALINITY(PPM) 34 ;M ALKALINITY(PPM) 621
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 105 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 105 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 40 M WEST OF HOUSE: I-60 POSSIBLE CONTAMINATION FROM OIL WELL APPROXIMATELY 1500 M NORTH OF SAMPLE LOCATION; J-78 MR. H. B. MOSS % RT. 1, BOX 53 % RINGGOLD, TX % 76261; 3-28 PIPE EXTENDS TO 36 M:

013646 SAMPLE TYPE STREAM SEDIMENT ;SITE 1345 ;MAP N11409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/25/05/78
AIR TEMP(C)+ 30.2 ;LAT 33.827 ;LONG 97.987 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20

WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 0%
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 54 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 65 M UPSTREAM FROM JUNCTION WITH TRIBUTARY ON SOUTH BANK: I-60 ABANDONED RALROAD FOLLOWS STREAM:

013648 SAMPLE TYPE STREAM SEDIMENT ;SITE 1346 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/25/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.970 ;LONG 97.972 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.70
WATER LEVEL HIGH ;BED MATERIAL SILT ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 20%
REMARKS:
I-38 TERRAL 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER AND ALONG SOUTH BANK OF STREAM OVER A 50 M INTERVAL GOING UPSTREAM STARTING 6 M UPSTREAM FROM FARMER'S DIRT ROAD CROSSING STREAM: I-60 #I-77 SEDIMENT IS REDUCED:

013649 SAMPLE TYPE WELL WATER ;SITE 1347 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.875 ;LONG 97.977 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 5820 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 620 ;P ALKALINITY(PPM) 27 ;M ALKALINITY(PPM) 620
APPEARANCE CLEAR ;DISCHARGE(L/M) 74.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 90 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 175 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 TERRAL 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET OUTSIDE WELL HOUSE 20 M SOUTH OF HOUSE: I-78 MR. J. A. STALEY % 205 CAROLYN RD. % NOCONA, TX. % 76255: 3-28 DEPTH TO SULFUR WATER IS 90 M: 3-21 GREEN BLUE ON FAUCET:

013650 SAMPLE TYPE WELL WATER ;SITE 1348 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.832 ;LONG 97.948 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 6105 ;DISSOLVED OXYGEN(PPM) 0.4 ;WATER TEMP(C) +22.9
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 628 ;P ALKALINITY(PPM) 21 ;M ALKALINITY(PPM) 620
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. PLASTIC ;METERS FROM HEAD 16
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 59 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 12 M EAST OF HOUSE: 3-21 BLUE GREEN ON FAUCET:

013652 SAMPLE TYPE WELL WATER ;SITE 1349 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/26/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.784 ;LONG 97.774 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 980 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +22.4
VISIBILITY(M) CLEAR ;PH 8.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 428 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 414
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 45 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 45 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BELCHERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON WEST SIDE OF METAL BUILDING 36 M SOUTH OF HOUSE;

013653 SAMPLE TYPE STREAM SEDIMENT ;SITE 1350 ;MAP NI1409 ;SAMPLER MJA ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/26/05/78
AIR TEMP(C)+ 29.2 ;LAT 33.806 ;LONG 97.886 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL CLAY ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 15%
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 50 M UPSTREAM FROM BRIDGE: I-60 REDUCED SEDIMENT IN SAMPLE. OIL WELLS UPSTREAM. CATTLE CONTAMINATION IS EXTREMELY EVIDENT IN STREAM;

013654 SAMPLE TYPE STREAM SEDIMENT ;SITE 1441 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/26/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.807 ;LONG 97.889 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 50%
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 45 M UPSTREAM FROM BRIDGE: I-60 OIL WELL UPSTREAM BUT NO VISIBLE CONTAMINATION;

013655 SAMPLE TYPE STREAM SEDIMENT ;SITE 1442 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/26/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.757 ;LONG 97.925 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 64 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 200 M DOWNSTREAM FROM JUNCTION OF TRIBUTARY WITH STREAM: I-60 RAILROAD AND OIL WELLS UPSTREAM. NO VISIBLE CONTAMINATION FROM OIL WELLS:

013656 SAMPLE TYPE STREAM SEDIMENT ;SITE 1443 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/26/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.814 ;LONG 97.966 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 66 M INTERVAL GOING UPSTREAM STARTING

30 M UPSTREAM FROM ABANDONED ROAD OVER STREAM: 1-60 OIL WELLS UPSTREAM. NO VISIBLE CONTAMINATION:

013657 SAMPLE TYPE STREAM SEDIMENT ;SITE 1444 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/26/05/78
AIR TEMP(C)+ 25.5 ;LAT 33.838 ;LONG 97.962 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 04%
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 60M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM JUNCTION OF STREAM WITH BEAVER CREEK:

013658 SAMPLE TYPE WELL WATER ;SITE 1445 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/30/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.781 ;LONG 97.977 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1450 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +20.7
VISIBILITY(M) CLEAR ;PH 8.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 572 ;P ALKALINITY(PPM) 42 ;M ALKALINITY(PPM) 584
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 83 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 83 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 10M NORTH OF HOUSE, MR. F. R. RIDDLE - RANCH HAND TO STINE RANCH: 3-28 PUMP IS SET AT APPROXIMATELY 75M:

013659 SAMPLE TYPE WELL WATER ;SITE 1446 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/30/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.782 ;LONG 97.918 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2970 ;DISSOLVED OXYGEN(PPM) 3.9 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 698 ;P ALKALINITY(PPM) 16 ;M ALKALINITY(PPM) 684
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 RINGGOLD 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WINDMILL 10 M ENE OF HOUSE, MR. T. S. GRIMSLEY - OWNER: 3-21 GREEN BLUE ON FAUCET:

013670 SAMPLE TYPE WELL WATER ;SITE 1471 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/24/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.503 ;LONG 97.846 ;UNIT CODE PUTC ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 810 ;DISSOLVED OXYGEN(PPM) 1.6 ;WATER TEMP(C) +20.7
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 310 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 312
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE ALL TYPES ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 32 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 32 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BOWIE 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT PRESSURE TANK IN WELL HOUSE 5M SOUTH OF HOUSE: I-78
M.J. LOVE % BOX 42 % RT. 2 % BOWIE, TX 76230:

013671 SAMPLE TYPE STREAM SEDIMENT ;SITE 1472 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/05/78
AIR TEMP(C)+ 27.9 ;LAT 33.526 ;LONG 97.888 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 22 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 70M INTERVAL GOING UPSTREAM
STARTING 30M UPSTREAM FROM BRIDGE: I-60 OIL WELLS, GRAVEL PITS, EARTH DAMS UPSTREAM:

013673 SAMPLE TYPE WELL WATER ;SITE 1473 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.508 ;LONG 97.901 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3300 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +20.6
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 226 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 230
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 86 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 86 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM PRESSURE TANK AT WELL HEAD 10M WEST OF HOUSE.
OWNER SAYS THAT WATER LEAVES GRAY PRECIPITATE ON PIPES. ALSO SAYS IT SOMETIMES SMELLS LIKE ROTTEN EGGS, AND TASTES
SALTY: I-78 JACK W. WEST % P.O. BOX 224 % RT. 1 % BOWIE, TX 76230:

E 013674 SAMPLE TYPE STREAM SEDIMENT ;SITE 1474 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.504 ;LONG 97.916 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 130M INTERVAL GOING
UPSTREAM STARTING 35M UPSTREAM FROM BRIDGE: I-60 EARTH DAMS UPSTREAM:

013675 SAMPLE TYPE WELL WATER ;SITE 1475 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/24/05/78
AIR TEMP(C)+ 29.6 ;LAT 33.509 ;LONG 97.954 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1120 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +22.8
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) 18 ;M ALKALINITY(PPM) 288
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 14
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 48 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 48 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET AT FRONT OF HOUSE. WELL HOUSE IS 7M WEST OF HOUSE:

013676 SAMPLE TYPE STREAM SEDIMENT ;SITE 1476 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/24/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.515 ;LONG 97.952 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SILT ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD.; SAMPLE COLLECTED IN CENTER OF STREAM OVER A 55M INTERVAL GOING UPSTREAM STARTING 38M UPSTREAM FROM BRIDGE; I-60 A. FEW OIL WELLS UPSTREAM:

013677 SAMPLE TYPE WELL WATER ;SITE 1477 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/24/05/78
AIR TEMP(C)+ 31.2 ;LAT 33.548 ;LONG 97.957 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2150 ;DISSOLVED OXYGEN(PPM) 7.5 ;WATER TEMP(C) +20.1
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 448 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 458
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 64 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 64 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET FROM PRESSURE TANK 10M NORTHEAST OF TRAILER; MR. KIRK-OWNER:

013678 SAMPLE TYPE WELL WATER ;SITE 1478 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/24/05/78
AIR TEMP(C)+ 29.6 ;LAT 33.601 ;LONG 97.947 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +22.6
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 261 ;P ALKALINITY(PPM) 14 ;M ALKALINITY(PPM) 261
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE ALL TYPES ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET IN BACK OF WELL HOUSE 10M SOUTH OF STONE HOUSE, RUTH BLACKMAN-OWNER; I-60 GALVANIZED AND PLASTIC;

013679 SAMPLE TYPE WELL WATER ;SITE 1479 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/25/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.555 ;LONG 97.895 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +21.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 305 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 302
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 40 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN WHITE WELL HOUSE 14M NORTH OF SILVER PAINTED
STEEL PIPE GATE AND OPPOSITE POND ON SOUTH SIDE OF ROAD: I-78 EARL GREGORY % 1108 EAST TARRANT ST. % BOWIE, TX. 76230:

7 013681 SAMPLE TYPE STREAM SEDIMENT ;SITE 1480 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/25/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.530 ;LONG 97.992 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED ALONG NORTH BANK OF STREAM OVER A 75M INTERVAL
GOING UPSTREAM STARTING 30M UPSTREAM FROM WHERE ROAD CROSSES STREAM: I-60 OIL WELLS UPSTREAM:

013682 SAMPLE TYPE STREAM SEDIMENT ;SITE 1481 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/25/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.531 ;LONG 97.993 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM
STARTING 36M UPSTREAM FROM WHERE ROAD CROSSES STREAM: I-60 OIL WELLS UPSTREAM:

013683 SAMPLE TYPE WELL WATER ;SITE 1482 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/25/05/78
AIR TEMP(C)+ 31.1 ;LAT 33.648 ;LONG 97.948 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +21.6
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 374 ;P ALKALINITY(PPM) 31 ;M ALKALINITY(PPM) 379
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 91 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 91 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM PRESSURE TANK IN WELL HOUSE 10M WEST OF HOUSE:
I-60 OWNER SAYS THAT A PILOT SURVEY USING A SCINTILLOMETER A FEW YEARS AGO INDICATED A HIGH CONCENTRATION OF URANIUM
JUST TO THE NORTH: I-78 MR. WINGHAM % BOX 85 % RT. 2 % BELLVUE, TX. 76228:

013684 SAMPLE TYPE WELL WATER ;SITE 1483 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/25/05/78
AIR TEMP(C)+ 31.6 ;LAT 33.672 ;LONG 97.946 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1280 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +21.8
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 404 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 412
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 78 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 78 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED FROM END OF PIPE COMMING DIRECTLY FROM WELL. WINDMILL
IS 77M NORTH OF BARN: I-78 MR. WININGHAM % BOX 85 % RT. 2 % BELLVUE, TX. 76228:

013685 SAMPLE TYPE WELL WATER ;SITE 1484 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/05/78
AIR TEMP(C)+ 30.9 ;LAT 33.652 ;LONG 97.897 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 675 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 294 ;P ALKALINITY(PPM) 14 ;M ALKALINITY(PPM) 298
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET OUTSIDE WELL HOUSE 4M SOUTH OF HOUSE. GARY
PRATER OWNER:

013686 SAMPLE TYPE STREAM SEDIMENT ;SITE 1485 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/05/78
AIR TEMP(C)+ 30.4 ;LAT 33.647 ;LONG 97.899 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM GOING UPSTREAM OVER A 72M INTERVAL
STARTING 43M UPSTREAM FROM BRIDGE: I-60 GRAVEL PITS, OIL WELLS UPSTREAM:

013687 SAMPLE TYPE WELL WATER ;SITE 1486 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.693 ;LONG 97.919 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 630 ;DISSOLVED OXYGEN(PPM) 7.2 ;WATER TEMP(C) +22.2
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 267 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 262
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE ALL TYPES ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 76 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 76 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT PRESSURE TANK 5.5M SOUTH OF HOUSE. HARVY HOLMES-OWNER:

013688 SAMPLE TYPE WELL WATER ;SITE 1487 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/25/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.734 ;LONG 97.889 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2500 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +32.0
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 390 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 390
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD TNK
WRT PRESSURE TANK NONE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET 70M NORTHWEST OF HOUSE: I-78 E. L. DUTTON % BOX 156 % BELLVUE, TX 76228:

013689 SAMPLE TYPE STREAM SEDIMENT ;SITE 1488 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/26/05/78
AIR TEMP(C)+ 23.1 ;LAT 33.535 ;LONG 97.969 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM JUNCTION WITH TRIBUTARY ON EAST BANK:

013690 SAMPLE TYPE STREAM SEDIMENT ;SITE 1489 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/25/05/78
AIR TEMP(C)+ 23.0 ;LAT 33.535 ;LONG 97.969 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 23 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 60M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM JUNCTION WITH TRIBUTARY ON WEST BANK:

013691 SAMPLE TYPE STREAM SEDIMENT ;SITE 1490 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/26/05/78
AIR TEMP(C)+ 25.0 ;LAT 33.669 ;LONG 97.972 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 65M INTERVAL GOING UPSTREAM STARTING AT POINT IN STREAM CLOSEST TO ROAD 100M DUE WEST OF BRIDGE: I-60 ROAD PARALLELS STREAM, TRASH BETWEEN ROAD AND STREAM:

013692 SAMPLE TYPE STREAM SEDIMENT ;SITE 1491 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/26/05/78
AIR TEMP(C)+ 25.3 ;LAT 33.648 ;LONG 97.964 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE: 1-60 CEMENT BLOCKS IN STREAM, GRAVEL PITS, AND OIL WELLS UPSTREAM:

013693 SAMPLE TYPE STREAM SEDIMENT ;SITE 1492 ;MAP NI1409 ;SAMPLER CJS ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 14/26/05/78
AIR TEMP(C)+ 26.2 ;LAT 33.744 ;LONG 97.924 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 50M INTERV GOING UPSTREAM STARTING 290M DOWNSTREAM FROM BRIDGE. SAMPLING INTERVAL BEGINS AT SHARP BEND IN STREAM: 1-60 OIL WELL EARTH DAMS UPSTREAM:

013694 SAMPLE TYPE STREAM SEDIMENT ;SITE 1493 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.625 ;LONG 97.930 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 BRUSHY MOUND 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM OVER A 54M INTERVAL GOING UPSTREAM STARTING 80M DOWNSTREAM FROM JUNCTION WITH TRIBUTARY ON SOUTH BANK: 1-60 OIL WELLS, EARTH DAMS UPSTREAM:

013695 SAMPLE TYPE STREAM SEDIMENT ;SITE 1494 ;MAP NI1409 ;SAMPLER CJS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/05/78
AIR TEMP(C)+ 28.6 ;LAT 33.741 ;LONG 97.928 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.50
WATER LEVEL HIGH ;BED MATERIAL SILT ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 STONEBURG 7 1/2' TOPO. OF SHERMAN QUAD., SAMPLE COLLECTED ALONG SOUTHEAST BANK OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 36M UPSTREAM FROM JUNCTION WITH BELKNAP CREEK: 1-60 OIL WELLS, EARTH DAMS UPSTREAM:

013700 SAMPLE TYPE STREAM SEDIMENT ;SITE 1351 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/01/03/78
AIR TEMP(C)+ 2.7 ;LAT 33.077 ;LONG 97.310 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL COBBLE ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 20%
REMARKS:
1-38 JUSTIN 7 1/2 TOPO, SHERMAN QUAD, COLLECTED ON SOUTH BANK THRU CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 80M UPSTREAM OF ROAD BRIDGE:

013701 SAMPLE TYPE STREAM SEDIMENT ;SITE 1352 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/01/03/78
AIR TEMP(C)+ 2.5 ;LAT 33.031 ;LONG 97.313 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.02 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.40
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%

REMARKS:

I-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 25M INTERVAL GOING UPSTREAM STARTING 40M UPSTREAM OF ROAD BRIDGE:

013702 SAMPLE TYPE STREAM SEDIMENT ;SITE 1353 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/01/03/78
AIR TEMP(C)+ 3.0 ;LAT 33.039 ;LONG 97.406 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 RHOME 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER A 75M INTERVAL GOING UPSTREAM STARTING 220M UPSTREAM OF ROAD BRIDGE: I-60 ASSORTED TRASH, BROKEN BOTTLES, CAR PARTS:

013703 SAMPLE TYPE WELL WATER ;SITE 1354 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/01/03/78
AIR TEMP(C)+ 1.0 ;LAT 33.179 ;LONG 97.274 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 10.8 ;WATER TEMP(C) +12.0
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 444 ;P ALKALINITY(PPM) 84 ;M ALKALINITY(PPM) 456
APPEARANCE CLEAR ;DISCHARGE(L/M) 1.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 100 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL, WINDMILL, 70M EAST OF SW CORNER OF FARM HOUSE; I-78 JOE GENTILE% RT #1, BOX 117% PONDER, TX., 76259;

013704 SAMPLE TYPE WELL WATER ;SITE 1355 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 12.0 ;LAT 33.138 ;LONG 97.290 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1160 ;DISSOLVED OXYGEN(PPM) 12.0 ;WATER TEMP(C) +19.3
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 442 ;P ALKALINITY(PPM) 80 ;M ALKALINITY(PPM) 446
APPEARANCE CLEAR ;DISCHARGE(L/M) 40.00 ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 7
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 11 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 11 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM KITCHEN SINK, 7M FROM WELL HOUSE, AFTER PRESSURE TANK; NW CORNER OF HOUSE: I-21 GALVANIZED PIPE TO HOUSE, COPPER PIPES IN HOUSE TO SINK: I-77 WATER HAS H2S ODOR, THERE IS CORROSION OF INDOOR PIPES;

013705 SAMPLE TYPE STREAM SEDIMENT ;SITE 1356 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/01/03/78
AIR TEMP(C)+ 2.5 ;LAT 33.128 ;LONG 97.285 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 20M INTERVAL GOING UPSTREAM STARTING 50M UPSTREAM OF ROAD BRIDGE:

013707 SAMPLE TYPE STREAM SEDIMENT ;SITE 1357 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/02/03/78
AIR TEMP(C)+ 10.0 ;LAT 33.036 ;LONG 97.374 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR D-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 20%
REMARKS:
1-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER A 35M INTERVAL GOING UPSTREAM STARTING 56M UPSTREAM OF ROAD (HWY 114) CULVERT TO LARGE TREE ON SOUTH BANK: 1-71 SEDIMENT SAMPLE TAKEN FROM DRY STREAM, SEDIMENT MATERIAL TURNING TO SOIL, SILT SIZE PARTICLES:

013708 SAMPLE TYPE STREAM SEDIMENT ;SITE 1358 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/02/03/78
AIR TEMP(C)+ 16.5 ;LAT 33.006 ;LONG 97.488 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 RHOME 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER A 35M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF HWY 718 ROAD BRIDGE: 1-71 SAMPLE TAKEN FROM DRY STREAM, SOME SOIL CONDITIONS, SAND SIZE MATERIAL:

013709 SAMPLE TYPE STREAM SEDIMENT ;SITE 1359 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/02/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.131 ;LONG 97.432 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER 65M INTERVAL GOING UPSTREAM STARTING 450M FROM ROAD CULVERT AND 30M FROM STREAM FORK, EAST OF FORK, LAND LEASED BY DALLAS PRODUCTION CO., INC., BRYAN "A" NO.1 ID#61455:

013710 SAMPLE TYPE STREAM SEDIMENT ;SITE 1360 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 23.6 ;LAT 33.152 ;LONG 97.441 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER 25M INTERVAL GOING UPSTREAM STARTING 72M FROM STREAM FORK AT CREEK GULLEY AND BEND IN STREAM; MCCURDY RANCH:

013711 SAMPLE TYPE STREAM SEDIMENT ;SITE 1361 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/02/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.152 ;LONG 97.436 ;UNIT CODE LKGW ;VEGETATION GRASS /SPARSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER 25M INTERVAL GOING UPSTREAM STARTING 52M NORTH OF FARM ROAD BRIDGE; MCCURDY RANCH:

013712 SAMPLE TYPE STREAM SEDIMENT ;SITE 1362 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/03/78
AIR TEMP(C)+ 19.5 ;LAT 33.158 ;LONG 97.455 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.02 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER 20M INTERVAL GOING UPSTREAM STARTING WEST 42M FROM FARM ROAD BRIDGE:

013713 SAMPLE TYPE STREAM SEDIMENT ;SITE 1363 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/02/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.153 ;LONG 97.463 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM VALLEY OVER 30M INTERVAL GOING UPSTREAM STARTING 225M SW OF BIG BEND IN FARM ROAD; I-60 CONSIDERABLE AMOUNT OF TRASH ALONG STREAM VALLEY, BROKEN BOTTLES, RUSTED METAL:
I-71 SAMPLE TAKEN FROM DRY STREAM, SEDIMENT MATERIAL TURNING TO SOIL, SAND SIZE PARTICLES:

013714 SAMPLE TYPE STREAM SEDIMENT ;SITE 1364 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/03/78
AIR TEMP(C)+ 10.2 ;LAT 33.137 ;LONG 97.310 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM STARTING 110M FROM ROAD BRIDGE AND AT LARGE BEND IN STREAM:

013715 SAMPLE TYPE STREAM SEDIMENT ;SITE 1365 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/02/03/78
AIR TEMP(C)+ 10.0 ;LAT 33.028 ;LONG 97.389 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 03%

013716 SAMPLE TYPE STREAM SEDIMENT ;SITE 1366 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/06/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.176 ;LONG 97.485 ;UNIT CODE LKGW ;VEGETATION GRASS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS URBAN ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL NONE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 80M INTERVAL GOING UPSTREAM STARTING 200M UPSTREAM OF ABANDON WATER WELL ON WEST BANK: I-60 NEW HOUSES BEING BUILT, CONSIDERABLE DEBRIS, MUCH OF STREAM DAMNED

WITH BACKFILL MATERIAL: I-71 BEDROCK MATERIAL LIMESTONE CONTACT:

013717 SAMPLE TYPE STREAM SEDIMENT ;SITE 1367 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/03/78
AIR TEMP(C)+ 15.2 ;LAT 33.166 ;LONG 97.498 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 30M INTERVAL GOING UPSTREAM STARTING 1100M (APPROX. 1 KM) UPSTREAM OF FARM ROAD BRIDGE: I-60 CONSIDERABLE BACKFILL MATERIAL, METAL DEBRIS:

013718 SAMPLE TYPE STREAM SEDIMENT ;SITE 1368 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/03/78
AIR TEMP(C)+ 16.0 ;LAT 33.169 ;LONG 97.493 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM VALLEY OVER 20M INTERVAL GOING UPSTREAM STARTING 800M FROM FARM ROAD BRIDGE AND 25M FROM STREAM FORK GOING UPSTREAM: I-60 BOTTLES AND METAL DEBRIS; I-71 SEDIMENT SAMPLE TAKEN FROM DRY STREAM, SAND SIZE PARTICLES:

013719 SAMPLE TYPE STREAM SEDIMENT ;SITE 1369 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.243 ;LONG 97.455 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.06 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 35M INTERVAL GOING UPSTREAM STARTING 200M FROM WHERE PROPERTY FENCE LINE CROSSES STREAM TO FARM ROAD CROSSING:

013721 SAMPLE TYPE STREAM SEDIMENT ;SITE 1370 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/06/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.236 ;LONG 97.448 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM VALLEY OVER 40M INTERVAL GOING UPSTREAM STARTING FROM LARGE OAK TREE ON EAST BANK, 45M FROM FARM ROAD CULVERT CROSSING: I-71 SAMPLE TAKEN FROM DRY STREAM, SEDIMENT MATERIAL TURNING TO SOIL, SILT SIZE PARTICLES:

013722 SAMPLE TYPE STREAM SEDIMENT ;SITE 1371 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.249 ;LONG 97.388 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL NONE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:

I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 35M INTERVAL GOING UPSTREAM STARTING 210M UPSTREAM FROM HWY. 380 BRIDGE CROSSING IN DENTON COUNTY: I-71 BEDROCK MATERIAL LIMESTONE CONTACT:

013723 SAMPLE TYPE STREAM SEDIMENT ;SITE 1372 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/06/03/78
AIR TEMP(C)+ 19.2 ;LAT 33.241 ;LONG 97.379 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM VALLEY OVER 60M INTERVAL GOING UPSTREAM 40M FROM FARM ROAD STREAM CROSSING: I-71 SAMPLE TAKEN FROM DR STREAM, SAND SIZE PARTICLES:

013724 SAMPLE TYPE STREAM SEDIMENT ;SITE 1373 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/06/03/78
AIR TEMP(C)+ 18.5 ;LAT 33.224 ;LONG 97.417 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM VALLEY OVER 40M INTERVAL GOING EAST OF FARM ROAD CROSSING DOWNSTREAM 460M THEN COLLECTING UPSTREAM AT THAT POINT: I-71 SAMPLE TAKEN FROM DRY STREAM, SAND SIZE PARTICLES:

013725 SAMPLE TYPE STREAM SEDIMENT ;SITE 1374 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/06/03/78
AIR TEMP(C)+ 14.7 ;LAT 33.216 ;LONG 97.360 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM VALLEY OVER 50M INTERVAL GOING UPSTREAM STARTING 110M SE OF BIG BEND IN FARM ROAD TO LARGE FORKED TREE: I-60 EARTHEN DAMS, MANMADE LAKES UPSTREAM:

013726 SAMPLE TYPE STREAM SEDIMENT ;SITE 1375 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/06/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.236 ;LONG 97.265 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.02 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM OVER 45M INTERVAL GOING UPSTREAM STARTING 60M FROM HWY. 380 ROAD BRIDGE OVER HICKORY CREEK:

013727 SAMPLE TYPE STREAM SEDIMENT ;SITE 1376 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/07/03/78
AIR TEMP(C)+ 7.2 ;LAT 33.168 ;LONG 97.379 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:

I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU CENTER OF STREAM VALLEY (HAD TO WALK INTO SITE APPROX. 1 KM DUE TO ROAD CONDITIONS) OVER 55M INTERVAL GOING UPSTREAM 70M FROM FARM ROAD FORD CROSSING: I-71 SAMPLE TAKEN FROM DRY STREAM, DOMINANT MATERIAL PEBBLE SIZE:

013728 SAMPLE TYPE STREAM SEDIMENT ;SITE 1377 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/07/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.165 ;LONG 97.377 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BLUETT 71/2' TOPO, SHERMAN QUAD, (HAD TO WALK INTO SITE APPROX. 1 KM DUE TO ROAD CONDITIONS), COLLECTED THRU CENTER OF STREAM VALLEY OVER 40M INTERVAL GOING UPSTREAM 35M FROM FARM ROAD FORD CROSSING, SOUTH OF ROAD:

013729 SAMPLE TYPE STREAM SEDIMENT ;SITE 1378 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/07/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.047 ;LONG 97.268 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER -RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL COBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 JUSTIN 71/2' TOPO, SHERMAN QUAD, COLLECTED THRU STREAM VALLEY CENTER OVER 40M INTERVAL GOING UPSTREAM 75M FROM LARGE EARTHEN DAM RESOVOIR: I-60, CROP FIELDS, ACCUMULATION OF BROKEN BOTTLES AND METAL DEBRIS UP AND DOWN STREAM:

013730 SAMPLE TYPE STREAM SEDIMENT ;SITE 1379 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/07/03/78
AIR TEMP(C)+ 6.0 ;LAT 33.214 ;LONG 97.255 ;UNIT CODE LKFF ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL NONE ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 PONDER 71/2' TOPO, SHERMAN QUAD, COLLECTED THRU STREAM VALLEY OVER 42M INTERVAL GOING UPSTREAM, WALKED IN DUE TO ROAD CONDITIONS SE 725M FROM SUBSTATION AND RAILROAD TO CREEK FORK, THEN MOVED 50M UPSTREAM AT FORK: I-71 SEDIMENT TAKEN FROM DRY STREAM. SOME SEDIMENT GOING TO SOIL, SILT SIZE MATERIAL:

013732 SAMPLE TYPE STREAM SEDIMENT ;SITE 1380 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.125 ;LONG 97.389 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU STREAM VALLEY OVER 45M INTERVAL GOING UPSTREAM, WALKED FROM FARM ROAD AND DWELLINGS SW 900M TO OLIVER CREEK, SAMPLED AT SOUTHERN FORK UPSTREAM 20M FROM CREEK FORK:

013733 SAMPLE TYPE STREAM SEDIMENT ;SITE 1381 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/08/03/78
AIR TEMP(C)+ 5.0 ;LAT 33.112 ;LONG 97.272 ;UNIT CODE KPWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL COBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%

REMARKS:

I-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU STREAM VALLEY OVER 40M INTERVAL GOING UPSTREAM, WALKED FROM FARM ROAD AT FARM HOUSE 515M DOWNSTREAM THEN STARTED SAMPLING UPSTREAM AT THAT POINT: I-60 CONSIDERABLE AMOUNT OF METAL DEBRIS IN BASIN AREA, CAR PARTS, CANS, ETC.:

013734 SAMPLE TYPE STREAM SEDIMENT ;SITE 1382 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/08/03/78
AIR TEMP(C)+ 7.0 ;LAT 33.161 ;LONG 97.344 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, COLLECTED THRU STREAM VALLEY OR 50M INTERVAL GOING UPSTREAM, WALKED 100M NW OF OLD FARM BUILDING TO STREAM TO LARGE CONCENTRATION OF CATUS BEGAN SAMPLING UPSTREAM AT THAT POINT:

013735 SAMPLE TYPE WELL WATER ;SITE 1383 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/09/03/78
AIR TEMP(C)+ 11.0 ;LAT 33.089 ;LONG 97.455 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 910 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) + 7.0
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 284 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 283
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 75 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 RHOME 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 40M SOUTH OF SW CORNER OF HOUSE: I-78 C. C. DOSIER
% RT #1, BOX 5 % RHOME, TX. 76078:

013736 SAMPLE TYPE WELL WATER ;SITE 1384 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/09/03/78
AIR TEMP(C)+ 11.6 ;LAT 33.152 ;LONG 97.438 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /SPARSE ;RELIEF MODERATE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 860 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 8.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 304 ;P ALKALINITY(PPM) 10 ;M ALKALINITY(PPM) 290
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 20M EAST OF NW CORNER OF HOUSE: I-78 ALLAN MCCURDY
% RT #1 % RHOME, TX. 76078:

013737 SAMPLE TYPE WELL WATER ;SITE 1385 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/09/03/78
AIR TEMP(C)+ 15.0 ;LAT 33.184 ;LONG 97.453 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 945 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +14.6
VISIBILITY(M) CLEAR ;PH 7.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 278 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 285
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN OUTSIDE OF WELL HOUSE 22M EAST OF SE CORNER OF HOUSE: 1-78 L. L. BOWLING % RT #2 % DECATUR, TX. 76234:

013738 SAMPLE TYPE WELL WATER ;SITE 1386 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/09/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.229 ;LONG 97.438 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1000 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +18.0
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 262 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 274
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 70 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTLET SOUTH OF SE CORNER OF HOUSE 24M WEST OF PUMP HOUSE:
1-78 DUWAYNE REYNOLDS %, RT #4, BOX 170 %, DECATUR, TX.:

013739 SAMPLE TYPE WELL WATER ;SITE 1387 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/09/03/78
AIR TEMP(C)+ 20.2 ;LAT 33.232 ;LONG 97.342 ;UNIT CODE LKFF ;VEGETATION GRASS /BARREN ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1090 ;DISSOLVED OXYGEN(PPM) 1.8 ;WATER TEMP(C) +18.5
VISIBILITY(M) CLEAR ;PH 9.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 412 ;P ALKALINITY(PPM) 75 ;M ALKALINITY(PPM) 380
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 6
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 12M WEST DIRECTLY BEHIND HOUSE: 1-78 MR. AND MRS. O. D. SMITH %, RT #1, BOX 62-A %, PONDER, TX. 76259:

013740 SAMPLE TYPE WELL WATER ;SITE 1388 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/09/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.220 ;LONG 97.275 ;UNIT CODE LKFF ;VEGETATION GRASS /SPARSE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1125 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 9.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 434 ;P ALKALINITY(PPM) 86 ;M ALKALINITY(PPM) 414
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 12

WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 23 ;CONFID. OF PROD DEPTH PROBABL
E
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 136 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTLET 70M EAST OF SE CORNER OF HOUSE BEFORE HOLDING TANK:
I-78 W. C. BRYAN %, RT #1, BOX 90 %, PONDER, TX.:

013741 SAMPLE TYPE WELL WATER ;SITE 1389 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/10/03/78
AIR TEMP(C)+ 17.5 ;LAT 33.088 ;LONG 97.289 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 1.4 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 426 ;P ALKALINITY(PPM) 82 ;M ALKALINITY(PPM) 198
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 65 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 1M EAST OF SE CORNER OF HOUSE: I-78 MRS. HENRY TAYLOR %, BOX 245 %, JUSTIN, TX. 76247:

013743 SAMPLE TYPE WELL WATER ;SITE 1390 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/10/03/78
E AIR TEMP(C)+ 21.0 ;LAT 33.040 ;LONG 97.330 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1010 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +12.5
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 406 ;P ALKALINITY(PPM) 82 ;M ALKALINITY(PPM) 382
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 100
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 95 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTLET 70M EAST OF PUMP HOUSE SOUTH OF HORSE BARN DIRECTLY BEHIND RANCH HOUSE: I-78 MRS. J. E. DAY %, RT #1, BOX 37 %, JUSTIN, TX. 76247:

013744 SAMPLE TYPE WELL WATER ;SITE 1391 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/10/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.043 ;LONG 97.399 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1010 ;DISSOLVED OXYGEN(PPM) 2.6 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 265 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 258
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 95 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 RHOME 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 20M EAST OF NE CORNER OF HOUSE: I-78 O. T. FINLAYSON %, BOX 62 %, RHOME, TX. 76078:

013745 SAMPLE TYPE WELL WATER ;SITE 1392 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/10/03/78
AIR TEMP(C)+ 21.5 ;LAT 33.043 ;LONG 97.450 ;UNIT CODE LKFF ;VEGETATION CONIFER/DECIDUOUS/SPARSE ;RELIEF GENTLE
WEATHER CLOUDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1020 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +18.5
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 296 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 288
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 116 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 RHOME 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 10M NORTH OF NW CORNER OF HOUSE: I-78 BOB SCHLUTER %, RT #1, BOX 58-A %, SAGINAW, TX. 76179:

013746 SAMPLE TYPE WELL WATER ;SITE 1393 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/13/03/78
AIR TEMP(C)+ 13.0 ;LAT 33.054 ;LONG 97.271 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER CALM -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 4.1 ;WATER TEMP(C) +11.9
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 426 ;P ALKALINITY(PPM) 82 ;M ALKALINITY(PPM) 389
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 118 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 JUSTIN 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL PUMP 4M NE OF NE CORNER OF HOUSE: I-78 MRS. H. F. SMITH %, RT #2 %, ROANOKE, TX. 76262:

013747 SAMPLE TYPE WELL WATER ;SITE 1394 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/03/78
AIR TEMP(C)+ 17.0 ;LAT 33.131 ;LONG 97.352 ;UNIT CODE LKFF ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 860 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +11.7
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 382 ;P ALKALINITY(PPM) 70 ;M ALKALINITY(PPM) 348
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 95 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM WELL HOUSE 4M SW OF HOUSE: I-78 MRS. MADA PENNINGTON %, RT #1 %, JUSTIN, TX. 76247:

013748 SAMPLE TYPE WELL WATER ;SITE 1395 ;MAP N11409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/13/03/78
AIR TEMP(C)+ 23.5 ;LAT 33.137 ;LONG 97.384 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 870 ;DISSOLVED OXYGEN(PPM) 5.3 ;WATER TEMP(C) +11.1
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 342 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 328
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKTP ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. GASOLINE ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 65 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO USER
REMARKS:
I-38 BLUETT 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM OUTLET 2M FROM SOUTH SIDE OF HOUSE, 30M SE OF PUMP HOUSE:

013749 SAMPLE TYPE WELL WATER ;SITE 1396 ;MAP NI1409 ;SAMPLER JMS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/13/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.184 ;LONG 97.326 ;UNIT CODE LKFF ;VEGETATION CONIFER/DECIDUOUS/SPARSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1130 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 412 ;P ALKALINITY(PPM) 72 ;M ALKALINITY(PPM) 388
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKFK ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 105 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 PONDER 7 1/2' TOPO, SHERMAN QUAD, SAMPLE TAKEN 26M NORTH OF NW CORNER OF HOUSE, AT PUMP HOUSE: I-78 OSCAR SCHLUTER
%, BOX 11, RT #1 %, SANGER, TX. 76259:

101802 SAMPLE TYPE STREAM SEDIMENT ;SITE 0657 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/25/01/78
AIR TEMP(C)+ 12.0 ;LAT 33.952 ;LONG 96.708 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SILT ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 6 ;ORGANIC MATERIAL 30%
REMARKS:
I-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN CENTER OF STREAM BEGINNING 36 METER WEST OF THE ROAD
AND CONTINUING UPSTREAM FOR A 10 METER INTERVAL:

101803 SAMPLE TYPE WELL WATER ;SITE 0651 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/01/78
AIR TEMP(C)+ 23.5 ;LAT 33.929 ;LONG 96.677 ;UNIT CODE LKDC ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 880 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) +13.0
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 460 ;P ALKALINITY(PPM) 70 ;M ALKALINITY(PPM) 474
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 77 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 77 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT KITCHEN SINK WHICH FACES THE LAKE: 3-21 STEEL, COPPER
AND PLASTIC PIPES:

101805 SAMPLE TYPE WELL WATER ;SITE 0652 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/24/01/78

AIR TEMP(C)+ 13.8 ;LAT 33.969 ;LONG 96.503 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER CALM -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 440 ;DISSOLVED OXYGEN(PPM) 7.1 ;WATER TEMP(C) + 8.8
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 64 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 66
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 5
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 25 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT KITCHEN SINK, APPROX 30 METERS NE OF WELL HOUSE: 2-37
WATER HAS A SEARS FILTER TO REMOVE FINE MATERIAL:

101806 SAMPLE TYPE WELL WATER ;SITE 0653 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/01/78
AIR TEMP(C)+ 9.7 ;LAT 33.927 ;LONG 96.507 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 500 ;DISSOLVED OXYGEN(PPM) 2.3 ;WATER TEMP(C) +12.8
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 178 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 174
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 27
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 42 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT FAUCET ON EAST SIDE OF HOUSE: 3-27 COPPER AND PLASTIC PIPING:

101807 SAMPLE TYPE WELL WATER ;SITE 0654 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/01/78
AIR TEMP(C)+ 6.0 ;LAT 33.923 ;LONG 96.551 ;UNIT CODE QPFT ;VEGETATION BRUSH /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 5060 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 514 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 512
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 50 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 55 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED IN WELL HOUSE, 17M NORTH OF THE HOUSE. WATER DESCRIBED AS BEING MINERAL WATER AND IS MUCH WARMER THAN MOST OF THE OTHER WELLS.:

101808 SAMPLE TYPE WELL WATER ;SITE 0655 ;MAP NI1409 ;SAMPLER PMP ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/01/78
AIR TEMP(C)+ 19.0 ;LAT 33.882 ;LONG 96.557 ;UNIT CODE QPFT ;VEGETATION GRASS /SPARSE ;RELIEF FLAT
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 340 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +11.8

VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 96 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 94

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 12
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM TOPO OF SHERMAN QUAD., SAMPLE COLLECTED AT KITCHEN SINK ON SOUTH SIDE OF HOUSE: 3-21 COPPER AND PLASTIC PIPES; 1-38 REYNOLDS-OWNER:

101914 SAMPLE TYPE STREAM SEDIMENT ;SITE 0981 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/29/03/78
AIR TEMP(C)+ 20.6 ;LAT 33.979 ;LONG 96.383 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.04
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL %
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED ON BOTH BANKS AND IN CENTER OF STREAM OVER A 15 M INTERVAL GOING UPSTREAM STARTING 27 M UPSTREAM OF JUNCTION WITH BAYOU CREEK. THE SITE INTERVAL BEGINS 2 M UPSTREAM OF LARGE TREE WITH HOOKED TRUNK ON EAST BANK: 1-71 DOMINANTLY SAND BUT LARGE AMOUNT OF PEBBLES, TOO: 1-60 TRASH (TIRES, CANS, GLASS, ETC) AND NEARBY RAILROAD TRESTLE:

101915 SAMPLE TYPE STREAM SEDIMENT ;SITE 0982 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/29/03/78
AIR TEMP(C)+ 24.1 ;LAT 33.882 ;LONG 96.389 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12 M INTERVAL GOING DOWNSTREAM STARTING 129 M NORTH OF ROAD, THE SITE INTERVAL BEGINS AT LARGE LEANING TREE ON WEST BANK:

101916 SAMPLE TYPE STREAM SEDIMENT ;SITE 0983 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/29/03/78
AIR TEMP(C)+ 21.8 ;LAT 33.884 ;LONG 96.409 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON EAST BANK OVER A 12 M INTERVAL GOING UPSTREAM STARTING 106 M SOUTHWEST OF WHITE FARMHOUSE. THE INTERVAL BEGINS AT CLUSTER OF 3 TREES ON WEST BANK (THE SITE IS DIRECTLY BEHIND G. D. FRANKLIN HOUSE); 1-60 CROP FIELDS (PROBABLY WHEAT):

101917 SAMPLE TYPE STREAM SEDIMENT ;SITE 0984 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/29/03/78
AIR TEMP(C)+ 24.3 ;LAT 33.883 ;LONG 96.416 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED ON NORTH BANK OVER A 20 M INTERVAL GOING UPSTREAM STARTING 42 M UPSTREAM OF BRIDGE. THE SITE INTERVAL STARTS 4 M UPSTREAM OF TREE LEANING OVER STREAM ON SOUTH BANK: 1-60 TRASH (METAL, GLASS)

AND CROPFIELDS:

101918 SAMPLE TYPE STREAM SEDIMENT ;SITE 0985 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/29/03/78
AIR TEMP(C)+ 22.1 ;LAT 33.880 ;LONG 96.363 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 1.50
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 15 M INTERVAL GOING UPSTREAM STARTING 45 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 9 M DOWNSTREAM OF BEGINNING OF BEND IN STREAM: I-60 ASSORTED TRASH (BOTTLES, CANS, ETC):

101919 SAMPLE TYPE STREAM SEDIMENT ;SITE 0986 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/29/03/78
AIR TEMP(C)+ 22.9 ;LAT 33.858 ;LONG 96.308 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 2.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED ON EAST BANK OVER A 9 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 500 M SOUTHWEST OF WHERE FARMER'S ROAD ENDS. THE SITE INTERVAL BEGINS AT BENT OAK TREE SLIGHTLY OVERHANGING STREAM AT BEND IN STREAM: I-60 TRASH (OCCASIONAL BOTTLES): I-77 SLIGHT REDUCED ODOR ON A FEW GRABS. USED SCOOP ON POLE:

101920 SAMPLE TYPE STREAM SEDIMENT ;SITE 0987 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/29/03/78
AIR TEMP(C)+ 21.8 ;LAT 33.859 ;LONG 96.252 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED ON NORTH BANK OVER A 12 M INTERVAL GOING UPSTREAM STARTING 48 M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS EVEN WITH TREE SET BACK FROM NORTH BANK. USED SCOOP ON POLE:

101923 SAMPLE TYPE STREAM SEDIMENT ;SITE 0989 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/30/03/78
AIR TEMP(C)+ 18.2 ;LAT 33.983 ;LONG 96.399 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 2.30 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 20M INTERVAL GOING UPSTREAM STARTING 110M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 9M UPSTREAM OF NARROWING IN STREAM: I-60 USED SCOOP ON POLE, OCCASSIONAL TRASH, PART OF DURANT COMMUNITY IN BASIN:

101924 SAMPLE TYPE STREAM SEDIMENT ;SITE 0990 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/03/78
AIR TEMP(C)+ 22.5 ;LAT 33.784 ;LONG 96.409 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.02
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %

REMARKS:

I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 24M INTERVAL GOING UPSTREAM STARTING 39M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT HUGE TREE ON EAST BANK. USED SCOOP ON POLE:

101926 SAMPLE TYPE STREAM SEDIMENT ;SITE 0991 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/03/78
AIR TEMP(C)+ 24.8 ;LAT 33.785 ;LONG 96.416 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 17M INTERVAL GOING UPSTREAM STARTING 39M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT CONIFER ON HIGH POINT OF WEST BANK. USED SCOOP ON POLE:

101927 SAMPLE TYPE STREAM SEDIMENT ;SITE 0992 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/03/78
AIR TEMP(C)+ 20.9 ;LAT 33.795 ;LONG 96.442 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.06
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 14M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT WHITE BARK TREE ON EAST BANK. USED SCOOP ON POLE:

101928 SAMPLE TYPE STREAM SEDIMENT ;SITE 0993 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/30/03/78
AIR TEMP(C)+ 24.5 ;LAT 33.787 ;LONG 96.450 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 14M INTERVAL GOING UPSTREAM STARTING 78M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 14M DOWNSTREAM OF LARGE HOOKED TREE ON BANK. USED SCOOP ON POLE:

101929 SAMPLE TYPE STREAM SEDIMENT ;SITE 0994 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/03/78
AIR TEMP(C)+ 26.1 ;LAT 33.752 ;LONG 96.396 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 12M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS 12M DOWNSTREAM OF LARGE TREE ON EAST BANK WHICH OVERHANGS STREAM. USED SCOOP ON POLE: I-60 SAND PIT, CROP FIELDS, CONSIDERABLE DUMPING AT BRIDGE:

101930 SAMPLE TYPE WELL WATER ;SITE 0995 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/30/03/78
AIR TEMP(C)+ 24.8 ;LAT 33.751 ;LONG 96.388 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR --CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 610 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +18.0

VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 234 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 238

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 60
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF M. WEST HOUSE. THE FAUCET IS APPROXIMATELY 60 M WEST OF WELL (THE WELLHOUSE IS CEMENT BLOCK HOUSE EAST OF WEST HOUSE): 3-21 PIPE IS PLASTIC BUT FAUCET IS GALVANIZED, SUBMERSIBLE PUMP: 3-26 WELL USED FOR HOUSEHOLD, STOCK, AND IRRIGATION: 1-78 MELVIN WEST % ROUTE 1, BOX 245A % HENDRIX, OK 74741:

101931 SAMPLE TYPE WELL WATER ;SITE 0996 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/30/03/78

AIR TEMP(C)+ 25.2 ;LAT 33.737 ;LONG 96.327 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 640 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 144 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 144
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BESIDE WELLHOUSE OF THE CARPENTERS FARMHOUSE. THE WELLHOUSE IS A SMALL WHITE SHED NORTHEAST OF THE FARMHOUSE:

101932 SAMPLE TYPE STREAM SEDIMENT ;SITE 0997 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/30/03/78

AIR TEMP(C)+ 25.4 ;LAT 33.735 ;LONG 96.328 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %

REMARKS:
1-38 WHITERIGHT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 21M INTERVAL GOING UPSTREAM STARTING 85M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT TREE CLINGING TO NORTHBANK:

101933 SAMPLE TYPE STREAM SEDIMENT ;SITE 0998 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/30/03/78

AIR TEMP(C)+ 22.9 ;LAT 33.766 ;LONG 96.307 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.50 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %

REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 18M INTERVAL GOING UPSTREAM STARTING 49M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT TREE ON EDGE OF WEST BANK: 1-60 CROP FIELDS:

101934 SAMPLE TYPE WELL WATER ;SITE 0999 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/31/03/78

AIR TEMP(C)+ 24.0 ;LAT 33.843 ;LONG 96.441 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1030 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 6.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 176 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 173
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE SILVER BRICK WELLHOUSE 39M WEST OF WHITE FARMHOUSE: 3-21 PIPE MAINLY GALVANIZED BUT ALSO 2 FEET OF PLASTIC TUBE AND THE FAUCET IS BRASS. THE FAUCET HAS A LITTLE BIT OF BLUE TINGE TO IT: 3-18 THE WELL WAS DRILLED 40 OR 50 YEARS AGO:

101936 SAMPLE TYPE WELL WATER ;SITE 1000 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/31/03/78
AIR TEMP(C)+ 26.1 ;LAT 33.796 ;LONG 96.458 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER V WINDY-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 430 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +16.5
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 102 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 104
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOUSE FAUCET, THE WELLHOUSE IS 7M WEST OF FARMHOUSE: 3-18 USED A 2 INCH AUGER TILL HIT QUICKSAND AND THEN USED SAND POINT:

101937 SAMPLE TYPE WELL WATER ;SITE 1001 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/31/03/78
AIR TEMP(C)+ 26.2 ;LAT 33.782 ;LONG 96.337 ;UNIT CODE UKW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER - ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 730 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) 12 ;M ALKALINITY(PPM) 292
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 106 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 106 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DURANT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON NORTH SIDE OF RED BRICK HOUSE. THE WELLHOUSE IS ABOUT 10M EAST OF THE HOUSE:

101938 SAMPLE TYPE SPRING WATER ;SITE 1002 ;MAP N11409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/31/03/78
AIR TEMP(C)+ 24.8 ;LAT 33.789 ;LONG 96.296 ;UNIT CODE UKEF ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER - ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 500 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 6.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 86 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 88
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
REMARKS:

I-38 DURANT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT WELLHOLE ABOUT 0.3 MILE WEST OF THE HAGOOD HOUSE: 3-19 THE WELL HOLE HAS AN ELECTRIC PUMP ON IT BUT I SAMPLED THE WELL BY DIPPING A BUCKET INTO THE WELL: 3-20 ABOUT 12 FEET OF BRICK AND CEMENT CASING: 1-78 LARRY HAGOOD & RT. 1 & HENDRIX, OK 74741:

101939 SAMPLE TYPE WELL WATER ;SITE 1003 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/31/03/78
AIR TEMP(C)+ 24.9 ;LAT 33.777 ;LONG 96.398 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 615 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 177 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 175
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 12
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 29 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON WEST SIDE OF BRICK HOUSE. THE WELLHOUSE IS 6M SOUTH OF HOUSE: 3-21 THE PIPE IS GALVANIZED EXCEPT UNDERNEATH THE HOUSE IT IS COPPER: 2-37 SOMETIMES ADD BLEACH BUT HAD NOT DONE SO RECENTLY:

101940 SAMPLE TYPE STREAM SEDIMENT ;SITE 1038 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/13/04/78
AIR TEMP(C)+ 22.2 ;LAT 33.833 ;LONG 96.251 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.40
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 DURANT 15' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM AND ON NORTH BANK OVER A 30M INTERVAL GOING UPSTREAM STARTING 45M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS 12M DOWNSTREAM OF BEND IN STREAM: 1-60 CROP FIELDS:

101941 SAMPLE TYPE WELL WATER ;SITE 1100 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/04/05/78
AIR TEMP(C)+ 12.2 ;LAT 33.925 ;LONG 97.283 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 640 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +24.6
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 110 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 106
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 17 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 39 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL 7M NORTH OF RED BRICK HOUSE. SAMPLED WELL AT FAUCET BESIDE WELL: 3-21 THE PIPE IS PLASTIC INSIDE THE CASING AND GALVANIZED OUT SIDE OF WELL; THERE IS 100 FEET OF PIPE TO THE PUMP ABOVE GROUND:

101942 SAMPLE TYPE WELL WATER ;SITE 1101 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/05/78
AIR TEMP(C)+ 14.2 ;LAT 33.925 ;LONG 97.351 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1345 ;DISSOLVED OXYGEN(PPM) 4.9 ;WATER TEMP(C) +14.5
VISIBILITY(M) CLEAR ;PH 6.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 212 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 212
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 7
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL FROMFAUCET ON EAST SIDE OF FRAZIER HOUSE: 3-18 THE WELL WAS DRILLED BY AN AUGER IN ABOUT 1960; WATER SOMETIMES SMELLS LIKE IRON:

101943 SAMPLE TYPE STREAM SEDIMENT ;SITE 1102 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/16/05/78
AIR TEMP(C)+ 20.2 ;LAT 33.934 ;LONG 97.281 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 42M INTERVAL GOING UPSTREAM STARTING 66M UPSTREAM OF FENCE CROSSING STREAM AND THE FENCE IS ABOUT 20M UPSTREAM OF BRIDGE. THE INTERVAL BEGINS AT BEND IN STREAM:

101944 SAMPLE TYPE STREAM SEDIMENT ;SITE 1103 ;MAP NI1409 ;SAMPLER FGK ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/05/78
AIR TEMP(C)+ 20.4 ;LAT 33.916 ;LONG 97.281 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.60
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL GOING UPSTREAM STARTING 120M DOWNSTREAM OF BRIDGE. THE SITE BEGINS 5M DOWNSTREAM OF TREE ON TOP OF NORTH BANK: 1-60 ASSORTED TRASH, USED SCOOP ON POLE:

101945 SAMPLE TYPE STREAM SEDIMENT ;SITE 1104 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.922 ;LONG 97.308 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.80
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 30%
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 40M INTERVAL GOING UPSTREAM STARTING 60M UPSTREAM OF BRIDGE. THE SITE BEGINS AT 3 WILLOW TREES ON NORTH BANK: 1-60 REDUCED SEDIMENT (FOR ABOUT 1/3 OF THE GRABS), USED SCOOP ON POLE, CEMENT BLOCKS AND TRASH ON BANKS, WATER HAS FILM ON SURFACE AND IS A BLACK GREEN COLOR, STREAM IN POPULATED AREA:

101946 SAMPLE TYPE STREAM SEDIMENT ;SITE 1105 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/16/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.886 ;LONG 97.317 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /DENSE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL %
REMARKS:

I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 33M INTERVAL GOING DOWNSTREAM STARTING ABOUT 60M UPSTREAM OF FARMER'S DIRT ROAD. THE INTERVAL STARTS AT TALL WILLOW ON EAST BANK: I-60 FLOOD PLAIN:

I01947 SAMPLE TYPE WELL WATER ;SITE 1106 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/05/78
AIR TEMP(C)+ 20.7 ;LAT 33.882 ;LONG 97.278 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 470 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 130 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 132
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 53 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 53 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON WEST SIDE OF BRICK PUMPHOUSE ABOUT 60M WEST OF BRICK HOUSE:

I01948 SAMPLE TYPE WELL WATER ;SITE 1107 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/16/05/78
AIR TEMP(C)+ 19.9 ;LAT 33.880 ;LONG 97.354 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 6.7 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 78 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 78
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON SOUTH SIDE OF WHITE FARMHOUSE. THE FAUCET IS ABOUT 15M NORTH OF WHITE PUMP HOUSE. THE WELL IS ABOUT 19 YEARS OLD:

I01949 SAMPLE TYPE STREAM SEDIMENT ;SITE 1108 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/05/78
AIR TEMP(C)+ 24.6 ;LAT 33.884 ;LONG 97.360 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 51M INTERVAL GOING UPSTREAM STARTING 132M UPSTREAM OF SMALL EARTH DAM. THE SITE INTERVAL ENDS 4M EAST OF BARB WIRE FENCE: I-60 ASSORTED TRASH, SEDIMENT FORMING SOIL, OIL WELLS:

I01950 SAMPLE TYPE STREAM SEDIMENT ;SITE 1109 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/05/78
AIR TEMP(C)+ 20.8 ;LAT 33.844 ;LONG 97.377 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%

REMARKS:

1-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 89M UPSTREAM OF ROAD. THE INTERVAL BEGINS AT TWO DOUBLE-TRUNKED WILLOW TREES ON NORTH BANK:

101951 SAMPLE TYPE WELL WATER ;SITE 1110 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/16/05/78
AIR TEMP(C)+ 20.2 ;LAT 33.833 ;LONG 97.395 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 3.6 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 269 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 278
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE PUMPHOUSE ABOUT 35M WEST OF WHITE HOUSE:
3-19 PUMP USES WOODEN SUCKER RODS:

101952 SAMPLE TYPE WELL WATER ;SITE 1111 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/16/05/78
AIR TEMP(C)+ 20.1 ;LAT 33.874 ;LONG 97.403 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 370 ;DISSOLVED OXYGEN(PPM) 8.1 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 56 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 56
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BESIDE ROUND METAL PUMPHOUSE. THE PUMPHOUSE IS 35M SOUTH OF DIRT ROAD:

101953 SAMPLE TYPE STREAM SEDIMENT ;SITE 1112 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/17/05/78
AIR TEMP(C)+ 17.7 ;LAT 33.978 ;LONG 97.323 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING 204M UPSTREAM OF ROAD IN OIL FIELD. THE SITE BEGINS AT CLUMP OF 3 SMALL TREES ON EAST BANK: 1-60 OIL WELLS IN OPERATION:

101954 SAMPLE TYPE STREAM SEDIMENT ;SITE 1113 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/17/05/78
AIR TEMP(C)+ 23.4 ;LAT 33.947 ;LONG 97.293 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 21 ;ORGANIC MATERIAL %

REMARKS:

I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 75M UPSTREAM OF BRIDGE. THE SITE INTERVAL BEGINS AT LARGE COTTONWOOD ON EAST BANK: I-60 OCCASSIONAL TRASH, GRAVEL PITS:

101955 SAMPLE TYPE SPRING WATER ;SITE 1114 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/05/78
AIR TEMP(C)+ 17.6 ;LAT 33.983 ;LONG 97.341 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 410 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 122 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 122
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED ARTESIAN WELL AT STEEL PIPE FLOWING INTO STOCK POND. THE POND IS 60M NORTHEAST OF OIL WELL: I-60 THE CASING IS RUSTED STEEL AND MOSS IS GROWING IN THE OPENING OF THE PIPE: 3-21 NO PIPE:

101956 SAMPLE TYPE WELL WATER ;SITE 1115 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/05/78
AIR TEMP(C)+ 17.5 ;LAT 33.963 ;LONG 97.388 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 600 ;DISSOLVED OXYGEN(PPM) 9.9 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 247 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 262
APPEARANCE ALGAL ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT STOCK TANK 6M NORTH OF CONCRETE WELLHOUSE. I-60 SAMPLED WELL FROM STOCK TANK OF WATER; THE WATER IS ALGAL AS THE TANK IS FILLED WITH PLANTS, MOSS, AND ORGANIC DEBRIS:

101957 SAMPLE TYPE WELL WATER ;SITE 1116 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/05/78
AIR TEMP(C)+ 18.0 ;LAT 33.938 ;LONG 97.405 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 360 ;DISSOLVED OXYGEN(PPM) 6.9 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 70 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 68
APPEARANCE OTHER ;DISCHARGE(L/M) 120.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE
WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 40 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ON EAST SIDE OF WELLHOUSE. THE WELLHOUSE IS 18M WEST OF O.C. TURNER HOUSE: 3-21 GALVANIZED AND PLASTIC PIPE: 3-20 FIBERGLASS CASING: I-78 O.C. TURNER % BOX 689 % WILSON, OK 73463:

101958 SAMPLE TYPE WELL WATER ;SITE 1117 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/05/78
AIR TEMP(C)+ 21.1 ;LAT 33.925 ;LONG 97.445 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER V WINDY-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 360 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 8.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 50 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 52
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
1-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET ABOVE PUMP INSIDE WOODEN WELLHOUSE, J. MERCER,
OWNER. THE WELLHOUSE IS LOCATED ON THE SOUTH EAST CORNER OF THE HOUSE:

101959 SAMPLE TYPE STREAM SEDIMENT ;SITE 1118 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/05/78
AIR TEMP(C)+ 23.3 ;LAT 33.916 ;LONG 97.460 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL %
REMARKS:
1-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING
23M UPSTREAM OF ABANDONED ROAD CROSSING. THE SITE BEGINS 4M UPSTREAM OF LARGE TREE ON WEST BANK: 1-60 OIL WELLS:

101960 SAMPLE TYPE STREAM SEDIMENT ;SITE 1119 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/05/78
AIR TEMP(C)+ 26.5 ;LAT 33.882 ;LONG 97.441 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 48M INTERVAL GOING UPSTREAM STARTING
0.12 MILE UPSTREAM OF BRIDGE AT ROAD. THE SITE BEGINS 4M UPSTREAM OF TREE ON SOUTHBANK: 1-60 SEDIMENT FORMING SOIL,
TRASH UPSTREAM, OIL WELLS:

101962 SAMPLE TYPE WELL WATER ;SITE 1120 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/17/05/78
AIR TEMP(C)+ 25.0 ;LAT 33.883 ;LONG 97.448 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 700 ;DISSOLVED OXYGEN(PPM) 14.1 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 7.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 256 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 248
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 183 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 183 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL AT KITCHEN FAUCET INSIDE WOODEN FARMHOUSE. THE WELL IS INSIDE
A SHED ABOUT 15M NORTH OF THE HOUSE: 3-19 PUMP USES SUCKER RODS:

101963 SAMPLE TYPE STREAM SEDIMENT ;SITE 1121 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/17/05/78

AIR TEMP(C)+ 23.1 ;LAT 33.874 ;LONG 97.447 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING
130M DOWNSTREAM OF FARMER'S ROAD CROSSING STREAM: I-60 BASIN DRAINS COMMUNITY OF LEON, OIL WELLS: I-77 SOME REDUCED
SEDIMENT WITH H2S SMELL:

101964 SAMPLE TYPE WELL WATER ;SITE 1122 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/17/05/78
AIR TEMP(C)+ 23.0 ;LAT 33.832 ;LONG 97.444 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 520 ;DISSOLVED OXYGEN(PPM) 8.4 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 126 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 124
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER; TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. PLASTIC ;METERS FROM HEAD 24
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEON SOUTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 24M NORTH OF WHITE WELLHOUSE:

101965 SAMPLE TYPE WELL WATER ;SITE 1123 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/18/05/78
AIR TEMP(C)+ 26.8 ;LAT 33.972 ;LONG 97.279 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 670 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 280 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 274
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER; TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET 1.5M WEST OF WHITE BOARD PUMPHOUSE. THE PUMPHOUSE
IS 5M WEST OF WHITE BUNKHOUSE: 2-56 THE T-ALKALINITY TITRATED TO A YELLOW COLOR INSTEAD OF PINK:

101966 SAMPLE TYPE STREAM SEDIMENT ;SITE 1124 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.948 ;LONG 97.309 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 26 ;ORGANIC MATERIAL %
REMARKS:
I-38 BURNEYVILLE 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 85M INTERVAL GOING UPSTREAM STARTING
60M UPSTREAM OF JUNCTION WITH STREAM. THE SITE BEGINS 5M UPSTREAM OF TREE ON WEST BANK:

101967 SAMPLE TYPE STREAM SEDIMENT ;SITE 1125 ;MAP NI1409 ;SAMPLER FGK ;PHASE G ;REPLICATE ;TIME SAMPLE TAKEN 12/18/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.941 ;LONG 97.477 ;UNIT CODE QAL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.01 ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 1.50

WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED ON WEST BANK OVER A 36M INTERVAL GOING UPSTREAM STARTING 60M
UPSTREAM OF BRIDGE. THE SITE BEGINS 10M DOWNSTREAM OF TREE ON WEST BANK OVERHANGING STREAM:

101968 SAMPLE TYPE STREAM SEDIMENT ;SITE 1126 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/05/78
AIR TEMP(C)+ 31.6 ;LAT 33.971 ;LONG 97.496 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 19 ;ORGANIC MATERIAL %
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 45M INTERVAL GOING UPSTREAM STARTING
50M UPSTREAM OF ROAD BRIDGE. THE SITE BEGINS 15M DOWNSTREAM OF TREE ON WEST BANK:

101970 SAMPLE TYPE WELL WATER ;SITE 1127 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/05/78
AIR TEMP(C)+ 27.7 ;LAT 33.980 ;LONG 97.455 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 7.7 ;WATER TEMP(C) +19.7
VISIBILITY(M) CLEAR ;PH 6.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 170 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 180
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 16
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET INSIDE BRICK PUMPHOUSE LOCATED ABOUT 15M SOUTH
OF THE WELL, L. REYNOLDS, OWNER: I-78 L. REYNOLDS % STAR ROUTE % WILSON, OK 73463:

101974 SAMPLE TYPE WELL WATER ;SITE 1424 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/05/78
AIR TEMP(C)+ 31.2 ;LAT 33.974 ;LONG 97.499 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2120 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +21.5
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 8.5 ;TOTAL ALKALINITY(PPM) 763 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 775
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 12
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET NORTH OF HAGOOD HOUSE. THE WELL IS NORTH OF THE
HOUSE IN A WHITE BOARD WELL HOUSE; I-78 D.G. HAGOOD % STAR ROUTE % WILSON, OK 73436:

101975 SAMPLE TYPE STREAM SEDIMENT ;SITE 1425 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/05/78
AIR TEMP(C)+ 30.7 ;LAT 33.983 ;LONG 97.525 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW

WEATHER ;CONTAMINANTS ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING IN MIDDLE OF BEND IN STREAM: I-60 OCCASSIONAL TRASH IN STREAM:

101976 SAMPLE TYPE STREAM SEDIMENT ;SITE 1426 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/25/05/78
AIR TEMP(C)+ 30.1 ;LAT 33.966 ;LONG 97.592 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 36M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM OF JUNCTION OF FENCE WITH RANCH ROAD:

101977 SAMPLE TYPE WELL WATER ;SITE 1418 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/25/05/78
AIR TEMP(C)+ 26.0 ;LAT 33.983 ;LONG 97.736 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER; TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 1350 ;DISSOLVED OXYGEN(PPM) 1.4 ;WATER TEMP(C) +26.0
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 7.5 ;TOTAL ALKALINITY(PPM) 319 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 332
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER; TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 20
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
WELL AT FAUCET ON PIPE LEADING TO STORAGE TANK ON TOP OF WHITE BRICK PUMP HOUSE. THE WELL IS IN A BLUE BUILDING WEST OF THE PUMPHOUSE: 2-37 CULLIGAN WATER TREATMENT UNIT. PROBABLY SAMPLED WITHOUT THE TREATMENT ON THE WATER:

101978 SAMPLE TYPE STREAM SEDIMENT ;SITE 1419 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/25/05/78
AIR TEMP(C)+ 27.0 ;LAT 33.973 ;LONG 97.722 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.02
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 52M INTERVAL GOING UPSTREAM STARTING 100M SOUTHEAST OF BEND IN ROAD: I-60 GRAVEL PITS, OIL FIELDS, EAST OCCASSIONAL TRASH, YELLOW POWDER ON DRY AREAS ABOUT STREAM:

101979 SAMPLE TYPE STREAM SEDIMENT ;SITE 1420 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/25/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.995 ;LONG 97.673 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 2.00
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%

REMARKS:

I-38 PRAIRIE VALLEY SCHOOL 7 1/2' TOPO OF SHERMAN QUAD, COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 80M UPSTREAM OF PIPELINE CROSSING STREAM: I-60 TRASH, POSSIBLE BACKWASH FROM RED RIVER:

I01980 SAMPLE TYPE WELL WATER ;SITE 1421 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/25/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.969 ;LONG 97.569 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 710 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) +24.5
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 7.2 ;TOTAL ALKALINITY(PPM) 256 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 250
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 18
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD SAMPLED WELL AT FAUCET ON WEST SIDE OF BRICK HOUSE. THE WELL IS WEST OF THE HOUSE ON THE SOUTH SIDE OF THE DRIVEWAY. THE WELL IS ABOUT 2 YEARS OLD:

I01981 SAMPLE TYPE WELL WATER ;SITE 1422 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/25/05/78
AIR TEMP(C)+ 29.1 ;LAT 33.926 ;LONG 97.561 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1600 ;DISSOLVED OXYGEN(PPM) 3.4 ;WATER TEMP(C) +17.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 538 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 524
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 31 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 31 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS;
I-38 SPANISH FORT 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET NORTH OF WHITE BOARD FARMHOUSE, CALLED PECAN ACRES. THE WELL IS NORTHWEST OF THE FAUCET: 3-20 BRICK AND CEMENT: 2-53 APPROXIMATE PH:

I01982 SAMPLE TYPE WELL WATER ;SITE 1423 ;MAP NI1409 ;SAMPLER FGK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/25/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.920 ;LONG 97.492 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 810 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH ;LO-ION PAPER 7.5 ;TOTAL ALKALINITY(PPM) 263 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 270
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 LEON NORTH 7 1/2' TOPO OF SHERMAN QUAD, SAMPLED WELL AT FAUCET BESIDE WHITE BOARD PUMPHOUSE CONTAINING THE WELL: 3-26 WATER USED ONLY FOR FARM EQUIPMENT: 2-68 CLEAR WITH PARTICLES:

I02049 SAMPLE TYPE WELL WATER ;SITE 0452 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/18/01/78

AIR TEMP(C)+ 18.0 ;LAT 33.967 ;LONG 96.877 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +13.6
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 395 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 400
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. COPPER ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 38 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 38 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, DWAIN RUSHING. RESIDENCE, SAMPLE TAKEN FROM KITCHEN SINK 30M FROM PUMPHOUSE
LOCATED 20M EAST OF HOUSE: 1-68 WATER TASTES OF IRON AND LEAVES IRON STAIN:

102050 SAMPLE TYPE WELL WATER ;SITE 0451 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 05/18/01/78
AIR TEMP(C)+ 18.0 ;LAT 33.970 ;LONG 96.842 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 980 ;DISSOLVED OXYGEN(PPM) 4.6 ;WATER TEMP(C) + 8.1
VISIBILITY(M) CLEAR ;PH 9.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 605 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 552
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. COPPER ;METERS FROM HEAD 70
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 64 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 64 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD SAMPLE TAKEN FROM KITCHEN SINK AND WELL IS SITUATED 64M EAST AND 15M SOUTH OF S.E. CORNER OF HOUSE: 1-78 LEVOICE HARGIS % STAR RT. B% BOX 53% KINGSTON, OKL.:

102051 SAMPLE TYPE WELL WATER ;SITE 0453 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/20/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.985 ;LONG 96.957 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 710 ;DISSOLVED OXYGEN(PPM) 6.8 ;WATER TEMP(C) +16.8
VISIBILITY(M) CLEAR ;PH 6.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 180 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 180
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. STEEL ;METERS FROM HEAD TNK
WRT PRESSURE TANK FROM ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 34 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 34 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PRESSURE TANK IN PUMPHOUSE 6M NORTH OF N.W. CORNER OF HOUSE:
1-78 LEE L. LEMONS % RT L % MARIETTA, OKLAHOMA 73448: 1-68 TASTES OF IRON:

102052 SAMPLE TYPE WELL WATER ;SITE 0454 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/20/01/78
AIR TEMP(C)+ 18.0 ;LAT 33.969 ;LONG 96.800 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1500 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) + 7.1

VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 335 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 342
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. COPPER ;METERS FROM HEAD 14
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 28 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 28 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM KITCHEN SINK, WELL LOCATED 8M. NORTH AND 10M. EAST OF N.E. CORNER OF HOUSE IN PUMPHOUSE: 1-78 HASKELL SAVAGE STAR RT B BOX 447 KINGSTON OKLA. 73439: 1-68 IRON TASTE: 1-60 IRON FILTER BEING USED:

102053 SAMPLE TYPE WELL WATER ;SITE 0455 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/20/01/78
AIR TEMP(C)+ 18.0 ;LAT 33.929 ;LONG 96.779 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 6.6 ;WATER TEMP(C) +12.7
VISIBILITY(M) CLEAR ;PH 7.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 324 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 308
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. COPPER ;METERS FROM HEAD 47
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM KITCHEN SINK IN TRAILER, PUMPHOUSE 44M NORTH AND 9M EAST FROM FARTHEST EAST N.E. CORNER: 1-78 RAY ARMSTRONG STAR RT A, BOX 423 KINGSTON OKLA. 73439:

102054 SAMPLE TYPE WELL WATER ;SITE 0456 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/20/01/78
AIR TEMP(C)+ 5.0 ;LAT 33.881 ;LONG 96.781 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2000 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 506 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 518
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD TNK
WRT PRESSURE TANK FROM ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE BEFORE WATER SOFTENER 40M SOUTH OF S.W. CORNER OF TRAILER: 1-68 OWNER SAYS ITS ALKALAI WATER:

102055 SAMPLE TYPE WELL WATER ;SITE 0457 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/23/01/78
AIR TEMP(C)+ 18.0 ;LAT 33.882 ;LONG 96.829 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 720 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +12.9
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 165 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 165
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. COPPER ;METERS FROM HEAD 15

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH PROBABL
E
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE TOPO, SHERMAN QUAD, DICKERSON HOME, SAMPLE TAKEN FROM KITCHEN SINK, WELL LOCATED 5M WEST OF SW CORNER
OF HOUSE: I-60 HOUSE HAS A SAND FILTER ONLY: I-21 PLASTIC FROM WELL TO HOUSE:

102084 SAMPLE TYPE STREAM SEDIMENT ;SITE 0538 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/29/03/78
AIR TEMP(C)+ 22.5 ;LAT 33.979 ;LONG 96.248 ;UNIT CODE UKWO ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 90 M INTERVAL SCRAPING LIMESTONE STARTING 118 M S FROM SE CNR OF
PHILADELPHIA CEMETERY: I-71 ON OUTCROP:

102085 SAMPLE TYPE STREAM SEDIMENT ;SITE 0539 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/29/03/78
AIR TEMP(C)+ 22.5 ;LAT 33.983 ;LONG 96.217 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 7.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 32 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 22 M
UPSTREAM OF ROAD:

102086 SAMPLE TYPE STREAM SEDIMENT ;SITE 0540 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 08/30/03/78
AIR TEMP(C)+ 18.0 ;LAT 33.983 ;LONG 96.181 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 11 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 40 M INTERVAL GOING UPSTREAM STARTING 12 M UPSTREAM OF BRIDGE, FROM
CENTER OF STREAM:

102087 SAMPLE TYPE STREAM SEDIMENT ;SITE 0541 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/30/03/78
AIR TEMP(C)+ 19.0 ;LAT 33.982 ;LONG 96.148 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 35 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M
UPSTREAM OF BRIDGE, GOOD SAMPLE:

102088 SAMPLE TYPE STREAM SEDIMENT ;SITE 0542 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/30/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.983 ;LONG 96.055 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 WADE 15 MIN TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 40 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M UPSTREAM OF BRIDGE:

102089 SAMPLE TYPE STREAM SEDIMENT ;SITE 0543 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.983 ;LONG 96.065 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 WADE 15 MIN TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 40 M INTERVAL GOING UPSTREAM STARTING 20 M UPSTREAM OF BRIDGE
FROM CENTER OF STREAM:

102090 SAMPLE TYPE STREAM SEDIMENT ;SITE 0544 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/30/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.954 ;LONG 96.109 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 WADE 15 MIN. TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 35 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M UPSTREAM OF BRIDGE: 1-60 SCUMMY SURFACE SOME SECTIONS OF STREAM:

102091 SAMPLE TYPE STREAM SEDIMENT ;SITE 0545 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/30/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.958 ;LONG 96.048 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 1.50
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 WADE 15 MIN. TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 35 M. INTERVAL GOING UPSTREAM FROM WEST BANK USING SCOOP ON WOODEN POLE DUE TO DEPTH AND STEAP BANKS, STARTING 15 M. DOWNSTREAM OF BRIDGE:

102092 SAMPLE TYPE STREAM SEDIMENT ;SITE 0546 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.941 ;LONG 96.043 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 6.50 ;WATER DEPTH(M) 1.00
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 WADE TOPO 15 MIN, SHERMAN QUAD, SAMPLE TAKEN OVER 30 M. INTERVAL FROM CROSSECTION AND EAST BANKS WHERE SHALLOWER STARTING 30 M DOWNSTREAM OF WHERE N-S FENCE CROSSES STREAM OR 50 M S OF WHERE OLD ROAD TURNS WEST:

102093 SAMPLE TYPE STREAM SEDIMENT ;SITE 0547 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.902 ;LONG 96.016 ;UNIT CODE UKWO ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.25
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 01%
REMARKS:

I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 5 M UPSTREAM OF WHERE OLD ROAD CROSSES STREAM, AND IS SLIGHTLY DAMED UP:

102094 SAMPLE TYPE STREAM SEDIMENT ;SITE 0548 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/30/03/78
AIR TEMP(C)+ 25.0 ;LAT 33.882 ;LONG 96.060 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-GY ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN GOING UPSTREAM OVER A 15 M INTERVAL FROM CENTER OF STREAM STARTING 12 M UPSTREAM OF BRIDGE, GOOD SAMPLE:

102095 SAMPLE TYPE WELL WATER ;SITE 0554 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.946 ;LONG 96.058 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +17.8
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 515 ;P ALKALINITY(PPM) 52 ;M ALKALINITY(PPM) 538
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 16
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 210 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 210 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT 16 M WEST OF PUMPHOUSE AT MCINTIRE HOME: 1-78 JERRY MCINTIRE % RT 2 % BENNINGTON OKL. % 74723: I-68 AFTER PROLONGED PUMPING GETS ASHY APPEARANCE:

102096 SAMPLE TYPE WELL WATER ;SITE 0555 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.882 ;LONG 96.057 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1860 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 554 ;P ALKALINITY(PPM) 40 ;M ALKALINITY(PPM) 570
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 106 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 106 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT OUTSIDE PUMPHOUSE AT RUDOLPH HOME: 1-78 JOHN A. RUDOLPH % RT 2 % BENNINGTON OKL. % 74723:

102097 SAMPLE TYPE WELL WATER ;SITE 0556 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.889 ;LONG 96.111 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 6.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 136 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 134

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. STEEL ;METERS FROM HEAD 6
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT AT NE CNR. 6M EAST OF WELL: I-20 BRICK:

102098 SAMPLE TYPE WELL WATER ;SITE 0557 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.925 ;LONG 96.218 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 680 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +18.8
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 326 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 332
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 96 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 96 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT ON NORTH SIDE OF HOUSE 15 M. WEST OF WELL, H. L. BEAL HOME:

102100 SAMPLE TYPE WELL WATER ;SITE 0558 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.923 ;LONG 96.165 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR V-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1220 ;DISSOLVED OXYGEN(PPM) 5.0 ;WATER TEMP(C) +16.4
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 444 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 456
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON [redacted]6 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 76 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT HYDRANT NORTH 8 M FROM NW CNR OF BOYCE DANIELS HOME, 30 M EAST OF BRICK
WELL HOUSE: I-68 SLIGHT RUST COLOR:

102101 SAMPLE TYPE WELL WATER ;SITE 0559 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.985 ;LONG 96.166 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1070 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 345 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 340
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 43 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 43 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE 60 M NORTH OF ADAMSON TRAILER: 3-25 FROM PLASTIC HOSE OFF

PRESSURE TNK:

102102 SAMPLE TYPE WELL WATER ;SITE 0560 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/04/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.776 ;LONG 96.221 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1060 ;DISSOLVED OXYGEN(PPM) 3.0 ;WATER TEMP(C) +18.7
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 250 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 244
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 13 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 13 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM HYDRANT IN WELL HOUSE 25 M EAST OF SE CNR OF BROWN HOME:

102103 SAMPLE TYPE WELL WATER ;SITE 0561 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/04/04/78
AIR TEMP(C)+ 27.0 ;LAT 33.795 ;LONG 96.179 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 3270 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +20.5
VISIBILITY(M) CLEAR ;PH 8.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 789 ;P ALKALINITY(PPM) 32 ;M ALKALINITY(PPM) 792
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK FROM ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLED AT HYDRANT IN PUMPHOUSE 60 M EAST OF JESSE GRIDER HOME NEAR OLD WINDMILL:

102104 SAMPLE TYPE WELL WATER ;SITE 0562 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.827 ;LONG 96.223 ;UNIT CODE UKEF ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 650 ;DISSOLVED OXYGEN(PPM) 3.8 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 130 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 126
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 3 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 3 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN 2 M NORTH OF PUMP FROM HOSE 25 M SOUTH OF SW CNR OF G. E. ERVIN HOME:
I-51 #1-74 WATER IS PROBABLY FROM TERRACE DEPOSITS: 3-20 TILE:

102106 SAMPLE TYPE WELL WATER ;SITE 0563 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/04/78
AIR TEMP(C)+ 28.0 ;LAT 33.839 ;LONG 96.175 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 750 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +25.8
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 198 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 198
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. STEEL ;METERS FROM HEAD 2
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN FROM PUMPHOUSE 15 M EAST OF SE CNR OF WADFORD HOME:

102107 SAMPLE TYPE WELL WATER ;SITE 0564 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/04/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.886 ;LONG 96.215 ;UNIT CODE UKW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 870 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 250 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 244
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. PLASTIC ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 82 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 82 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN AT PUMPHOUSE FROM NEW WELL FROM HOSE 45 M SOUTH OF SW CNR OF DONALD ARNOLD
HOME: 2-68 IRON TASTE:

102108 SAMPLE TYPE STREAM SEDIMENT ;SITE 0565 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/04/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.866 ;LONG 96.216 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 03%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD SAMPLE TAKEN OVER 15 M INTERVAL GOING UPSTREAM STARTING 55 M SOUTH OF ROAD CNR 15 M
DOWNSTREAM OF WHERE STREAM FLOWS N-S; SAMPLED FROM CENTER OF STREAM:

102109 SAMPLE TYPE STREAM SEDIMENT ;SITE 0566 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/04/04/78
AIR TEMP(C)+ 32.0 ;LAT 33.880 ;LONG 96.199 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 0.25
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15 M GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M DOWNSTREAM
OF FORK OR 70 M DOWNSTREAM OF ROAD:

102110 SAMPLE TYPE STREAM SEDIMENT ;SITE 0567 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/04/04/78
AIR TEMP(C)+ 30.0 ;LAT 33.867 ;LONG 96.187 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 3.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%

REMARKS:

I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M UPSTREAM OF WHERE CATTLE CROSS STREAM 180M WEST OF OLD HOUSE OR WHERE OLD ROLLS OF RUSTED BARB WIRE LIE:

102111 SAMPLE TYPE STREAM SEDIMENT ;SITE 0568 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/04/04/78
AIR TEMP(C)+ 31.0 ;LAT 33.854 ;LONG 96.130 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 42 M WEST OF OLD HOUSE WHERE ROAD TURNS EAST:

102112 SAMPLE TYPE STREAM SEDIMENT ;SITE 0569 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/05/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.963 ;LONG 96.222 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15 M INTERVAL GOING UPSTREAM FROM CENTER OF STREAM STARTING 20 M UPSTREAM OF BRIDGE: I-60 SOME GARBAGE, STEEL CANS:

102113 SAMPLE TYPE STREAM SEDIMENT ;SITE 0570 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/05/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.862 ;LONG 96.112 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 15 M INTERVAL STARTING 15 M UPSTREAM OF BRIDGE FROM CENTER OF STR M:
I-60 LANDOWNER SAYS WATER COMES FROM SPRINGS; DAMS MAY BE FOUND FARTHER UPSTREAM:

102114 SAMPLE TYPE STREAM SEDIMENT ;SITE 0571 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/05/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.868 ;LONG 96.100 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 8.00 ;WATER DEPTH(M) 1.00
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 20 M INTERVAL GOING UPSTREAM FROM EAST BANK USING SCOOP ON RANGE POLE STARTING WHERE E-W FENCELINE DIRECTLY WEST OF HOUSE INTERSECTS STREAM:

102115 SAMPLE TYPE STREAM SEDIMENT ;SITE 0572 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/05/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.802 ;LONG 96.188 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 9 ;ORGANIC MATERIAL 02%
REMARKS:

I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN OVER 35 M INTERVAL GOING UPSTREAM STARTING 30 M UPSTREAM OF BRIDGE, TAKEN FROM CENTER OF STREAM:

102116 SAMPLE TYPE WELL WATER ;SITE 0579 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/03/04/78
AIR TEMP(C)+ 24.0 ;LAT 33.880 ;LONG 96.163 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 390 ;DISSOLVED OXYGEN(PPM) 9.0 ;WATER TEMP(C) +17.9
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 72 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 78
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE TOPO, SHERMAN QUAD, SAMPLE TAKEN 10 M EAST OF N.E CNR OF BUSTER DUNNEGAN HOME AT HYDRANT AT WELL: I-20 TILE:

102117 SAMPLE TYPE WELL WATER ;SITE 0773 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/19/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.751 ;LONG 97.165 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 535 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +15.0
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 290 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 272
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL IN PUMP HOUSE 3M EAST OF BROWN STONE HOUSE: I-60 #3-19 ROPE AND PLASTIC BUCKET USED, PARTICULATE MATTER IN WATER: 3-20 STONE CASING: 3-21 NONE:

102118 SAMPLE TYPE WELL WATER ;SITE 0775 ;MAP NI1409 ;SAMPLER RDK ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/19/05/78
AIR TEMP(C)+ 32.8 ;LAT 33.753 ;LONG 97.123 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 240 ;DISSOLVED OXYGEN(PPM) 1.5 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 66 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 70
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 8 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO OF THE SHERMAN QUAD; SAMPLE COLLECTED FROM DUG WELL LOCATED 6M SOUTHEAST OF HOUSE: I-60 #3-19 #3-21 #3-25 PIPES AND PRESSURE TANK NOT USED IN COLLECTION, ROPE AND BUCKET USED, SOME PARTICULATE MATTER IN WATER: 3-33 MEASURED TO TOP OF WATER:

102150 SAMPLE TYPE STREAM SEDIMENT ;SITE 1215 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/03/04/78

AIR TEMP(C)+ 22.0 ;LAT 33.827 ;LONG 96.522 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 5.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 26M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 240M DOWNSTREAM FROM TRIBUTARY ON NORTH BANK: THE SITE IS LOCATED AT FENCE CROSSING STREAM: I-60 BRIDGE 300M UPSTREAM. SMALL AMOUNTS OF METAL TRASH IN STREAM. SMALL COMMUNITY UPSTREAM. GRAVEL PITS UPSTREAM. RAILROAD ON TRIBUTARY UPSTREAM:

102151 SAMPLE TYPE WELL WATER ;SITE 1216 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/03/04/78
AIR TEMP(C)+ 21.2 ;LAT 33.823 ;LONG 96.501 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 410 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +18.9
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 190 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 182
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;WR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL 3M WEST OF HOUSE: 3-26 USED IN PLASTER SHOP AND FOR IRRIGATION:

102152 SAMPLE TYPE WELL WATER ;SITE 1217 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/03/04/78
AIR TEMP(C)+ 22.9 ;LAT 33.782 ;LONG 96.501 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1190 ;DISSOLVED OXYGEN(PPM) 7.4 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 566 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 582
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 87
WRT PRESSURE TANK AFTER ;USE STOCK/IRRIG. ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; SAMPLED WELL 4M EAST OF BARN: 3-20 CASING IS UNKNOWN BUT IS LIKE FIBERGLASS:

102154 SAMPLE TYPE STREAM SEDIMENT ;SITE 1218 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/03/04/78
AIR TEMP(C)+ 24.2 ;LAT 33.830 ;LONG 96.532 ;UNIT CODE QPFT ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER 27M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 12M UPSTREAM FROM SHARP BEND IN STREAM TO THE WEST: I-60 STREAM FOLLOWS RAILROAD. SMALL AMOUNT OF ORANGE SLIME IN STREAM:

102155 SAMPLE TYPE STREAM SEDIMENT ;SITE 1219 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/03/04/78

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AIR TEMP(C)+ 23.5 ;LAT 33.853 ;LONG 96.549 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS MINING ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL %
REMARKS:
I-38 DENISON DAM 15' TOPO OF THE SHERMA UAD; SAMPLE COLLECTED IN CENTER OF STREAM AND ALONG WEST BANK OVER A 22M
INTERVAL BEGINNING 30M UPSTREAM FROM BR. E AND 7M UPSTREAM FROM WHERE POWER LINE CROSSES CENTER OF STREAM: 1-60
GRAVEL PITS UPSTREAM:

102156 SAMPLE TYPE WELL WATER ;SITE 1220 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/03/04/78
AIR TEMP(C)+ 22.8 ;LAT 33.870 ;LONG 96.501 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 5.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 42 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 40
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 16 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15' TOPO OF SHERMAN QUAD; SAMPLED WELL 8M NW OF BROWN PLANK HOUSE; 1-78 MR. JERRY HODGE % RT. 1,
BOX 5 % COLBERT, TEXAS % 74733 3-20 BLACK CASING SIMILAR TO PLASTIC BUT TOO FIBROUS FOR PLASTIC:

102157 SAMPLE TYPE WELL WATER ;SITE 1224 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/05/04/78
AIR TEMP(C)+ 20.4 ;LAT 33.839 ;LONG 96.560 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 335 ;DISSOLVED OXYGEN(PPM) 4.8 ;WATER TEMP(C) +18.3
VISIBILITY(M) CLEAR ;PH 6.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 94 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 98
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 21
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 22 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15' TOPO OF SHERMAN QUAD; SAMPLE COLLECTED AT FAUCET 10M NORTH OF BRICK HOUSE; 3-20 CASING IS CLAY
TILE:

102158 SAMPLE TYPE STREAM SEDIMENT ;SITE 1225 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/05/04/78
AIR TEMP(C)+ 20.5 ;LAT 33.952 ;LONG 96.517 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 6.00 ;WATER DEPTH(M) 0.15
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 22M INTERVAL GOING UPSTREAM STARTING
90M DOWNSTREAM FROM TRIBUTARY ON EAST BANK. SAMPLING INTERVAL BEGINS 27M DOWNSTREAM FROM LARGE STUMP ON EAST BANK:

102159 SAMPLE TYPE WELL WATER ;SITE 1226 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/05/04/78

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AIR TEMP(C)+ 20.2 ;LAT 33.964 ;LONG 96.562 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR L-BN-OR ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1220 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +19.2
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 488 ;P ALKALINITY(PPM) 20 ;M ALKALINITY(PPM) 482
APPEARANCE OTHER ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 21 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 42 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15 MIN. TOPO, SHERMAN QUAD, METCALF-OWNER. SAMPLED WELL 8M SE OF WOODEN PLANK HOUSE: 1-72, 2-68,
2-38 SAMPLE WAS CLEAR BUT WAS RUSTY IN COLOR: 1-60 WELL HAS HAD NO RECENT USE. WELL RAN FOR 15 MINUTES BEFORE SAMPLE
WAS TAKEN:

102160 SAMPLE TYPE WELL WATER ;SITE 1227 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/05/04/78
AIR TEMP(C)+ 18.8 ;LAT 33.966 ;LONG 96.607 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-RAINY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 920 ;DISSOLVED OXYGEN(PPM) 4.7 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 372 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 376
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 25
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 161 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 161 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL 15M WEST OF CONCRETE BLOCK WELL HOUSE IN TRAILER PARK: 1-60
SAMPLE TAKEN AFTER PRESSURE TANK AND 200 GALLON STORAGE TANKS COULD NOT BE DRAINED:

102161 SAMPLE TYPE STREAM SEDIMENT ;SITE 1228 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/06/04/78
AIR TEMP(C)+ 23.2 ;LAT 33.982 ;LONG 96.643 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 75M INTERVAL GOING UPSTREAM STARTING
APPROXIMATELY 0.5 MILE UPSTREAM FROM BRIDGE. THE SITE IS LOCATED AT SHARP BEND IN STREAM TO THE NORTH AND IS ALSO
LOCATED 10M UPSTREAM FROM SLUMP ON SOUTH BANK:

102162 SAMPLE TYPE WELL WATER ;SITE 1229 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/06/04/78
AIR TEMP(C)+ 26.0 ;LAT 33.947 ;LONG 96.610 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 370 ;DISSOLVED OXYGEN(PPM) 2.7 ;WATER TEMP(C) +15.5
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 98 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 99
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 19

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WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 4 ;CONFID. OF PROD DEPTH HIGH

SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL IN HOUSE 19M EAST OF WELL: 3-20 BRICK AND CEMENT CASING: 3-21 PLASTIC PIPE IN WELL. UNKNOWN COMPOSITION OF PIPE BETWEEN WELL AND SAMPLE LOCATION:

102163 SAMPLE TYPE STREAM SEDIMENT ;SITE 1230 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/06/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.944 ;LONG 96.731 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 78M INTERVAL GOING UPSTREAM STARTING AT UPSTREAM END OF SHARP BEND IN STREAM TO THE NORTH: THE SITE IS LOCATED 5M UPSTREAM FROM SLUMP MATERIAL ON THE INSIDE OF THE BEND IN STREAM: 1-71 COBBLES AND PEBBLES:

102164 SAMPLE TYPE STREAM SEDIMENT ;SITE 1231 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/06/04/78
AIR TEMP(C)+ 29.0 ;LAT 33.941 ;LONG 96.730 ;UNIT CODE LKGW ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 150M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 15M UPSTREAM FROM TRIBUTARY ON SOUTH BANK: 1-71 COBBLES AND PEBBLES:

102165 SAMPLE TYPE WELL WATER ;SITE 1233 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/11/04/78
AIR TEMP(C)+ 17.3 ;LAT 33.967 ;LONG 96.654 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1400 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +20.7
VISIBILITY(M) CLEAR ;PH 8.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 494 ;P ALKALINITY(PPM) 34 ;M ALKALINITY(PPM) 480
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK BEFORE ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 150 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL IN THE TOWN OF WOODVILLE. THE SITE IS LOCATED 37M SOUTH OF LARGE BRICK SCHOOL BUILDING: 1-78 MR. M. F. THOMPSON % BOX 331 % KINGSTON, OK. % 73439%

102166 SAMPLE TYPE WELL WATER ;SITE 1234 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/11/04/78
AIR TEMP(C)+ 18.0 ;LAT 33.969 ;LONG 96.694 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 815 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +17.5
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 436 ;P ALKALINITY(PPM) 74 ;M ALKALINITY(PPM) 434
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 108 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 123 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL IN RED WELL HOUSE 15 M SE OF WHITE BRICK HOUSE: I-78 DR. L. R. HOCK % BOX 338 % KINGSTON, OK. % 73439:

102167 SAMPLE TYPE WELL WATER ;SITE 1235 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/11/04/78
AIR TEMP(C)+ 19.0 ;LAT 33.930 ;LONG 96.727 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 890 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +18.4
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 520 ;P ALKALINITY(PPM) 37 ;M ALKALINITY(PPM) 520
APPEARANCE CLEAR ;DISCHARGE(L/M) 30.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 0
WRT PRESSURE TANK BEFORE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OTHER
REMARKS;
I-38 DENISON DAM 15' TOPO, SHERMAD QUAD; SAMPLED WELL AT METHODIST CHURCH CAMP IN CEMENT BLOCK WELL HOUSE: I-60 WELL RAN ONLY 5 MINUTES BEFORE SAMPLE WAS TAKEN; I-72 SMALL BROWN PARTICEES IN SAMPLE; 2-69 CHOKE ON WELL LIMITS DISCHARGE TO 30 LITERS PER MINUTE: 3-33 # 3-39 MANAGER, MR. C. A. BLEVINS: 3-34 THE WELL CONTAINS 48 M OF PIPE:

102169 SAMPLE TYPE STREAM SEDIMENT ;SITE 1236 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/11/04/78
AIR TEMP(C)+ 16.0 ;LAT 33.923 ;LONG 96.743 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 3.00 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL %
REMARKS;
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 22 M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 30 M UPSTREAM FROM SHARP BEND IN STREAM TO THE SE. THE SITE IS LOCATED 60 M DOWNSTREAM FROM TRIBUTARY ON SOUTH BANK: I-60 OIL WELLS UPSTREAM:

102170 SAMPLE TYPE STREAM SEDIMENT ;SITE 1237 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/11/04/78
AIR TEMP(C)+ 13.0 ;LAT 33.890 ;LONG 96.715 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS;
I-38 DENISON DAM 15' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M INTERVAL GOING UPSTREAM STARTING 10 M DOWNSTREAM FROM POWERLINE OVER STREAM. THE SITE IS LOCATED APPROXIMATELY 35 M UPSTREAM FROM BEND IN STREAM ENTERING THE LAKE: I-60 OIL WELLS UPSTREAM. CAT TAILS IN STREAM. SMALL AMOUNT OF ORANGE SLIME IN STREAM:

102171 SAMPLE TYPE WELL WATER ;SITE 1238 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 19/11/04/78
AIR TEMP(C)+ 12.0 ;LAT 33.884 ;LONG 96.715 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER CALM -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 340 ;DISSOLVED OXYGEN(PPM) 4.5 ;WATER TEMP(C) +18.1

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VISIBILITY(M) CLEAR ;PH 5.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 34 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 37
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. UNKNOWN ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 34 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL 9 M EAST OF HOUSE AT FAUCET. THE SITE IS LOCATED 3M WEST OF SMALL WHITE WELL HOUSE:

102172 SAMPLE TYPE WELL WATER ;SITE 1241 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/12/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.972 ;LONG 96.762 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 580 ;DISSOLVED OXYGEN(PPM) 1.6 ;WATER TEMP(C) +17.7
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 252 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 263
APPEARANCE CLEAR ;DISCHARGE(L/M) 60.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 26 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 60 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 GORDONVILLE 15' TOPO, SHERMAN QUAD; SAMPLED WELL 3 M WEST OF RED BRICK HOUSE: 1-72 # 2-68 SAMPLE WAS SLIGHTLY YELLOW: 1-77 RUSTY:

102173 SAMPLE TYPE WELL WATER ;SITE 1242 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/12/04/78
AIR TEMP(C)+ 23.0 ;LAT 33.969 ;LONG 96.730 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 505 ;DISSOLVED OXYGEN(PPM) 5.7 ;WATER TEMP(C) +17.3
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 234 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 228
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ INFREQUENT ;DEPTH TO PROD HORIZON 24 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 24 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DENISON DAM 15' TOPO, SHERMAN QUAD; SAMPLED WELL 115M SOUTHWEST OF HOUSE:

102174 SAMPLE TYPE STREAM SEDIMENT ;SITE 1291 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/04/05/78
AIR TEMP(C)+ 13.0 ;LAT 33.786 ;LONG 97.187 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 36 M INTERVAL GOING UPSTREAM STARTING AT DOWNSTREAM END OF SHARP BEND IN STREAM ABOVE FLOOD PLAIN. THE SITE IS LOCATED 11 M UPSTREAM FROM FENCE CROSSING STREAM: 1-60 FLOOD CONTROL DAM UPSTREAM:

102175 SAMPLE TYPE WELL WATER ;SITE 1292 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/04/05/78

AIR TEMP(C)+ 14.8 ;LAT 33.795 ;LONG 97.164 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 355 ;DISSOLVED OXYGEN(PPM) 5.2 ;WATER TEMP(C) +17.4
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 166 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 158
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 13 M SOUTH OF HOUSE: I-60 SAMPLED USING ROPE AND PLASTIC
BUCKET: 3-19 ONCE ELECTRIC, NOW NONE: 3-20 BRICK AND CEMENT: 3-21 BROKEN PLASTIC PIPE IN WELL:

102176 SAMPLE TYPE STREAM SEDIMENT ;SITE 1293 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/04/05/78
AIR TEMP(C)+ 17.8 ;LAT 33.764 ;LONG 97.098 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 14 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 105 M INTERVAL GOING UPSTREAM STARTING 38 M UPSTREAM FROM SHARP BEND IN STREAM TO THE WEST. THE SITE IS LOCATED 42 M UPSTREAM FROM FENCE CROSSING STREAM: I-60 LARGE INTERVAL DUE TO SEDIMENT FORMING SOIL. PLOWED FIELDS UPSTREAM. GRASS FIRE IN AREA OF SAMPLE:

102177 SAMPLE TYPE WELL WATER ;SITE 1294 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/04/05/78
AIR TEMP(C)+ 17.5 ;LAT 33.780 ;LONG 97.124 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 360 ;DISSOLVED OXYGEN(PPM) 9.3 ;WATER TEMP(C) +18.1
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 196 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 194
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 36 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 36 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 23M NE OF HOUSE: 3-28 BRASS PUMP SET AT 30M: 3-21 GALVANIZED PIPE FROM PRESSURE TANK TO FAUCET:

102178 SAMPLE TYPE STREAM SEDIMENT ;SITE 1295 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/04/05/78
AIR TEMP(C)+ 17.0 ;LAT 33.787 ;LONG 97.105 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /DENSE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 0.80 ;WATER DEPTH(M) 0.10
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 8 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 24M INTERVAL GOING UPSTREAM STARTING EVEN WITH WEST BANK OF LARGE POND. THE SITE IS LOCATED 12 M UPSTREAM FROM TALL, FUNGI COVERED, DEAD TREE ON SOUTH BANK:

102179 SAMPLE TYPE WELL WATER ;SITE 1296 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/16/05/78
AIR TEMP(C)+ 18.3 ;LAT 33.794 ;LONG 97.143 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 970 ;DISSOLVED OXYGEN(PPM) 1.0 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 9.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 666 ;P ALKALINITY(PPM) 103 ;M ALKALINITY(PPM) 652
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 29
WRT PRESSURE TANK NONE ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 128 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 228 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED CITY WATER WELL IM WEST OF OFFICE, MR. DOUGLASS TEAFATILLER - OPERATOR: 321 PUMP SET AT 174 M. I-60 #3-22 SAMPLE TAKEN AFTER 350,000 LITER HOLDING TANK: 2-68 SAND IN SAMPLE: 2-79 #3-33 #3-39 MR. DOUGLASS TEAFATILLER - OPERATO:

102180 SAMPLE TYPE STREAM SEDIMENT ;SITE 1297 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/16/05/78
AIR TEMP(C)+ 18.3 ;LAT 33.752 ;LONG 97.163 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30M INTERVAL GOING UPSTREAM STARTING 77 M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED IM UPSTREAM FROM CATTLE CROSSING; I-60 STREAM FOLLOWS RAILROAD. SMALL COMMUNITY UPSTREAM BUT NO VISIBLE CONTAMINATION;

102181 SAMPLE TYPE WELL WATER ;SITE 1298 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/16/05/78
AIR TEMP(C)+ 20.3 ;LAT 33.825 ;LONG 97.176 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1090 ;DISSOLVED OXYGEN(PPM) 1.9 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 9.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 768 ;P ALKALINITY(PPM) 138 ;M ALKALINITY(PPM) 758
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 78 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 THACKERVILLE 7.5' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 8M SOUTH OF HOUSE; I-60 BLUE GREEN ON FAUCET; 2-68 GRAY AND ORANGE BROWN SILT SIZE PARTICLES IN SAMPLE; I-78 MR. H. D. HARRELL % STAR ROUTE % GAINESVILLE, TX., 76240;

102182 SAMPLE TYPE STREAM SEDIMENT ;SITE 1299 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/16/05/78
AIR TEMP(C)+ 20.2 ;LAT 33.830 ;LONG 97.087 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OIL FIELD ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 1.30 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 54M INTERVAL GOING UPSTREAM STARTING

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24M DOWNSTREAM FROM SHARP BEND IN STREAM TO THE SOUTHWEST. THE SITE IS LOCATED 14M UPSTREAM FROM CATTLE CROSSING

ON NW BANK: 1-60 OIL WELL UPSTREAM BUT NO VISIBLE CONTAMINATION:

102183 SAMPLE TYPE WELL WATER ;SITE 1300 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/16/05/78
AIR TEMP(C)+ 22.2 ;LAT 33.887 ;LONG 97.127 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2030 ;DISSOLVED OXYGEN(PPM) 2.4 ;WATER TEMP(C) +20.4
VISIBILITY(M) CLEAR ;PH 8.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 1090 ;P ALKALINITY(PPM) 98 ;M ALKALINITY(PPM) 1084
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 56 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON EAST SIDE OF GARAGE, MR. JAMES SEGLER - OWNER:
1-60 GREEN BLUE ON FAUCET; 3-21 JET IS COMPOSED OF IRON; 3-28 JET IS SET AT 55 M:

102184 SAMPLE TYPE WELL WATER ;SITE 1301 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/17/05/78
AIR TEMP(C)+ 20.0 ;LAT 33.826 ;LONG 97.126 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 715 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 418 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 430
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. OTHER ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 21 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 3M WEST OF HOUSE; 1-60 SAMPLED USING ROPE AND BUCKET; 1-78
MR. WAYNE RAINS % RT. 2 % MARIETTA, OK. % 73448; 2-68 SMALL DARK BROWN PARTICLES IN SAMPLE; 3-19 ONCE ELECTRIC, NOW
NONE; 3-20 BRICK AND CEMENT; 3-21 ONCE PLASTIC, NOW NONE;

102185 SAMPLE TYPE STREAM SEDIMENT ;SITE 1302 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/05/78
AIR TEMP(C)+ 17.5 ;LAT 33.857 ;LONG 97.094 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF MODERATE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL COBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER 66M INTERVAL GOING UPSTREAM STARTING
90M DOWNSTREAM FROM TRIBUTARY ON NORTHEAST BANK:

102187 SAMPLE TYPE STREAM SEDIMENT ;SITE 1303 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/05/78
AIR TEMP(C)+ 18.3 ;LAT 33.875 ;LONG 97.040 ;UNIT CODE LKDC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%

REMARKS:

I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 63M INTERVAL GOING UPSTREAM STARTING 77M UPSTREAM FROM BRIDGE. THE SITE IS LOCATED 18M DOWNSTREAM FROM SHARP BEND IN STREAM TO THE SOUTHWEST:

102188 SAMPLE TYPE STREAM SEDIMENT ;SITE 1304 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/05/78
AIR TEMP(C)+ 20.5 ;LAT 33.880 ;LONG 97.040 ;UNIT CODE LKDC ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-GR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING AT DOWNSTREAM END OF SHARP BEND IN STREAM TO THE SW. THE SITE IS LOCATED APPROXIMATELY 180M UPSTREAM FROM BRIDGE AND 9M UPSTREAM FROM LARGE LOG OVER STREAM:

102189 SAMPLE TYPE WELL WATER ;SITE 1305 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/17/05/78
AIR TEMP(C)+ 23.4 ;LAT 33.874 ;LONG 97.021 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT FILTERED ONLY ;CONDUCTIVITY(MICROMHOS/CM) 565 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +16.9
VISIBILITY(M) CLEAR ;PH 6.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 270 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 262
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 5 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 HORSESHOE BEND 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 5M NORTH OF HOUSE: 1-60 GREEN ON FAUCET: 3-21 SAND POINT AT 5M:

102190 SAMPLE TYPE STREAM SEDIMENT ;SITE 1306 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/05/78
AIR TEMP(C)+ 23.6 ;LAT 33.899 ;LONG 97.011 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.50 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 69M INTERVAL GOING UPSTREAM STARTING 60M DOWNSTREAM FROM BEND IN STREAM TO THE EAST. THE SITE IS LOCATED 1M UPSTREAM FROM GULLY ON SE BANK: 1-60 GRAIN FIELDS UPSTREAM. TRASH IN STREAM. GAS PLANT UPSTREAM BUT NO VISIBLE CONTAMINATION:

102191 SAMPLE TYPE WELL WATER ;SITE 1307 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/17/05/78
AIR TEMP(C)+ 23.4 ;LAT 33.923 ;LONG 97.106 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 5.9 ;WATER TEMP(C) +20.3
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 628 ;P ALKALINITY(PPM) 18 ;M ALKALINITY(PPM) 644
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 11

WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 119 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 119 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET ON EAST SIDE OF HOUSE: 1-60 GREEN BLUE ON FAUCET:
3-21 PUMP IS SET AT 90M:

102192 SAMPLE TYPE WELL WATER ;SITE 1308 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/18/05/78
AIR TEMP(C)+ 23.3 ;LAT 33.881 ;LONG 97.059 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2445 ;DISSOLVED OXYGEN(PPM) 2.1 ;WATER TEMP(C) +19.9
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 1032 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 1042
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 124 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 124 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 18M SOUTH OF HOUSE: 3-21 GREEN BLUE ON FAUCET:
3-28 WELL CONTAINS 60M OF WATER:

102193 SAMPLE TYPE STREAM SEDIMENT ;SITE 1309 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/05/78
AIR TEMP(C)+ 23.0 ;LAT 33.910 ;LONG 97.024 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.50
WATER LEVEL POOLS ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000
SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 56M INTERVAL GOING UPSTREAM STARTING APPROXIMATELY 120M UPSTREAM FROM OLD FARMER'S ROAD CROSSING STREAM. THE SITE IS LOCATED 30M DOWNSTREAM FROM DOWNSTREAM END OF SHARP BEND IN STREAM TO THE NORTH: 1-60 GAS WELL UPSTREAM BUT NO VISIBLE CONTAMINATION. WHEAT FIELDS UPSTREAM:
1-71 COBBLES AND PEBBLES:

102194 SAMPLE TYPE WELL WATER ;SITE 1310 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/18/05/78
AIR TEMP(C)+ 23.1 ;LAT 33.928 ;LONG 97.073 ;UNIT CODE LKWE ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER V WINDY-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1110 ;DISSOLVED OXYGEN(PPM) 8.2 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 9.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 713 ;P ALKALINITY(PPM) 112 ;M ALKALINITY(PPM) 704
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 120 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET IN WELL HOUSE 34M EAST OF HOUSE: 3-21 #3-28
PIPE EXTENDS TO 114M: 3-21 BLUE GREEN ON FAUCET:

102195 SAMPLE TYPE WELL WATER ;SITE 1311 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/18/05/78
AIR TEMP(C)+ 24.9 ;LAT 33.933 ;LONG 97.016 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR OTHER ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 2.2 ;WATER TEMP(C) +22.2
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 504 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 510
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 34 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 34 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET INSIDE WELL HOUSE 24M NORTH OF HOUSE: I-60 OWNER SAYS WATER COULD BE CONTAMINATED BY WASTE MUD THAT WAS FORCED INTO A DRY WELL BY AN OIL COMPANY: I-78 MR. S.A. WELLS % BOX 123 % MARIETTA, OK. % 73448: I-77 SMELLS LIKE OLD DRILLER'S MUD:

102197 SAMPLE TYPE STREAM SEDIMENT ;SITE 1312 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/10/05/78
AIR TEMP(C)+ 23.0 ;LAT 33.954 ;LONG 97.007 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.05 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE ODOR L-GY-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 0%
REMARKS:
I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 50M INTERVAL GOING UPSTREAM STARTING 24M UPSTREAM FROM FENCE OVER STREAM: I-60 OIL AND GAS WELLS UPSTREAM:

102198 SAMPLE TYPE WELL WATER ;SITE 1313 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.967 ;LONG 96.999 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT OTHER ;CONDUCTIVITY(MICROMHOS/CM) 1040 ;DISSOLVED OXYGEN(PPM) 4.3 ;WATER TEMP(C) +22.7
VISIBILITY(M) CLEAR ;PH 6.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 470 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 478
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 800
WRT PRESSURE TANK AFTER ;USE OTHER ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 16 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 23 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 GORDONVILLE 15' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 11M SOUTH OF HOUSE IN HICKORY CREEK RESORT AND APPROXIMATELY M EAST OF WELL HEAD: 2-37 BLEACH IS ADDED AT THE WATER AT THE WELL: 3-26 RESTAURANT AND HOUSEHOLD:

102199 SAMPLE TYPE WELL WATER ;SITE 1314 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/18/05/78
AIR TEMP(C)+ 27.8 ;LAT 33.974 ;LONG 97.061 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2330 ;DISSOLVED OXYGEN(PPM) 1.8 ;WATER TEMP(C) +23.4
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 568 ;P ALKALINITY(PPM) 24 ;M ALKALINITY(PPM) 566
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 38 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 46 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER

[redacted] OIL [redacted]

REMARKS:

I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 4M NE OF HOUSE: I-78 MR. L.E. GAITHER % RT. 1, BOX 56 % MARIETTA, OK. % 73448: 3-21 BLUE GREEN ON FAUCET:

102200 SAMPLE TYPE STREAM SEDIMENT ;SITE 1315 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/19/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.970 ;LONG 97.057 ;UNIT CODE LKEA ;VEGETATION CONIFER/DECIDUOUS/MODERATE ;RELIEF MODERATE
WEATHER LT WIND-OVERCST ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 72M INTERVAL GOING UPSTREAM STARTING 32M UPSTREAM FROM DOWNSTREAM END OF STEEP SOUTH BANK: I-60 OIL WELLS AND GRAVEL PITS UPSTREAM. GREEN MOSS GROWING OVER SEDIMENT IN CENTER OF STREAM: I-71 PEBBLES AND COBBLES:

102201 SAMPLE TYPE STREAM SEDIMENT ;SITE 1316 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.998 ;LONG 97.078 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.05
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 02%
REMARKS:
I-38 MARIETTA EAST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 27M INTERVAL GOING UPSTREAM STARTING 30M UPSTREAM FROM BRIDGE: I-60 OIL WELLS UPSTREAM. ORANGE AND BROWN SLIME IN STREAM. YELLOW AND WHITE RESIDUE COMING OUT ON TO STEEP EDGES OF STREAM:

102202 SAMPLE TYPE WELL WATER ;SITE 1317 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/19/05/78
AIR TEMP(C)+ 31.5 ;LAT 33.973 ;LONG 97.126 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 765 ;DISSOLVED OXYGEN(PPM) 1.3 ;WATER TEMP(C) +21.0
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 238 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 246
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 30 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET IN WELL HOUSE 11M SE OF HOUSE, OWNER - MRS. E. WHITEHEAD:3-21 BLUE GREEN ON FAUCET:

102203 SAMPLE TYPE WELL WATER ;SITE 1318 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/19/05/78
AIR TEMP(C)+ 30.2 ;LAT 33.983 ;LONG 97.193 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2035 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +22.4
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 596 ;P ALKALINITY(PPM) 38 ;M ALKALINITY(PPM) 594
APPEARANCE CLEAR ;DISCHARGE(L/M) 8.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1

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WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 78 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 43 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET IN WELL HOUSE 9 M SE OF HOUSE; MR. R. L. CHRISTNER-USER:
1-60 USER SAYS SEISMOGRAPH WAS SHOT TOO CLOSE TO WELL: 2-68 LIGHT, GRAY, FINE, SAND IN SAMPLE: 2-56 #2-64 TITRATED TO YELLOW ORANGE: 1-71 MR. R. L. CHRISTNER % RT. B % MARIETTA, OK. % 73448:

102204 SAMPLE TYPE WELL WATER ;SITE 1319 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/19/05/78
AIR TEMP(C)+ 31.8 ;LAT 33.986 ;LONG 97.237 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 760 ;DISSOLVED OXYGEN(PPM) 2.0 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 6.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 420 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 422
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 35 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 35 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 11 M SW OF HOUSE:

102205 SAMPLE TYPE STREAM SEDIMENT ;SITE 1320 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/22/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.844 ;LONG 97.161 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.25 ;WATER WIDTH(M) 1.20 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL COBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 12 ;ORGANIC MATERIAL 01%
REMARKS:
1-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 36M. INTERVAL GOING UPSTREAM STARTING 128M. DOWNSTREAM FROM JUNCTION WITH TRIBUTARY. THE SITE IS LOCATED UNDERNEATH BLUFF REACHING OVER STREAM: 1-60 OIL AND GAS WELLS UPSTREAM. GREEN MOSS GROWING OVER SEDIMENT. RAILROAD UPSTREAM:

102206 SAMPLE TYPE STREAM SEDIMENT ;SITE 1321 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/05/78
AIR TEMP(C)+ 30.2 ;LAT 33.871 ;LONG 97.154 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.30
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 02%
REMARKS:
1-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 46M. INTERVAL GOING UPSTREAM STARTING 110M. DOWNSTREAM FROM JUNCTION WITH TRIBUTARY. THE SITE IS LOCATED 1M. UPSTREAM FROM GULLY ON SOUTH BANK: 1-60 PECAN TREES IN AREA OF SAMPLE. RAILROAD UPSTREAM:

102207 SAMPLE TYPE WELL WATER ;SITE 1322 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/22/05/78
AIR TEMP(C)+ 32.4 ;LAT 33.875 ;LONG 97.163 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1140 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +21.9
VISIBILITY(M) CLEAR ;PH 9.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 450 ;P ALKALINITY(PPM) 60 ;M ALKALINITY(PPM) 440
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD

WRT PRESSURE TANK AFTER ;USE NONE ;PUMPING FREQ RARE ;DEPTH TO PROD HORIZON 62 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 62 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 THACKERVILLE 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 6M. WEST OF OLD WHITE HOUSE: 3-21 #3-28 PIPE EXTENDS TO 20M. JET PUMP SET AT 20M: I-60 COULD GET ABANDONED WELL TO PUMP ONLY 10 MINUTES BEFORE SAMPLE WAS TAKEN: 1-78 MRS. SYLVAN FREEMAN % RT. 2 % MARIETTA, OK. % 73448:

102208 SAMPLE TYPE STREAM SEDIMENT ;SITE 1323 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/22/05/78
AIR TEMP(C)+ 32.5 ;LAT 33.885 ;LONG 97.162 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.15 ;WATER WIDTH(M) 1.50 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 54M. INTERVAL GOING UPSTREAM STARTING 45M. UPSTREAM FROM BEND IN STREAM TO THE EAST: I-60 GREEN MOSS GROWING OVER SEDIMENT. CITY AND SEWAGE DISPOSAL UPSTREAM:

102209 SAMPLE TYPE STREAM SEDIMENT ;SITE 1324 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/05/78
AIR TEMP(C)+ 30.5 ;LAT 33.912 ;LONG 97.185 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) STAG ;WATER WIDTH(M) 4.00 ;WATER DEPTH(M) 0.50
WATER LEVEL POOLS ;BED MATERIAL NONE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; COLLCTED IN CENTER OF STREAM OVER A 75M. INTERVAL GOING UPSTREAM STARTING 2M. UPSTREAM FROM TRIBUTARY ON EAST BANK: I-71 SAND, PEBBLES, AND COBBLES:

102210 SAMPLE TYPE STREAM SEDIMENT ;SITE 1325 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/22/05/78
AIR TEMP(C)+ 30.2 ;LAT 33.922 ;LONG 97.206 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL PEBBLE ;SAMPLE COLOR L-YL-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 20 ;ORGANIC MATERIAL 01%
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 75M. INTERVAL GOING UPSTREAM STARTING 30M. UPSTREAM FROM ROAD CROSSING STREAM: I-60 GRASS FIELDS AND GRAVEL PITS UPSTREAM:

102211 SAMPLE TYPE WELL WATER ;SITE 1326 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/22/05/78
AIR TEMP(C)+ 29.8 ;LAT 33.935 ;LONG 97.228 ;UNIT CODE LKFK ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1070 ;DISSOLVED OXYGEN(PPM) 2.9 ;WATER TEMP(C) +21.2
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 442 ;P ALKALINITY(PPM) 25 ;M ALKALINITY(PPM) 440
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 57 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 57 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 20M. NORTH OF BARN: 3-21 NO PIPE BUT STEEL CASING HAS

AN ESTIMATED 2M. OF GRAVEL AT THE BOTTOM OF THE WELL: 1-78 MR. D. J. COFFEY % 422 2ND NW, ARDMORE, OK. % 73401:

102212 SAMPLE TYPE WELL WATER ;SITE 1327 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 18/22/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.943 ;LONG 97.170 ;UNIT CODE LKWC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1545 ;DISSOLVED OXYGEN(PPM) 3.5 ;WATER TEMP(C) +24.0
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 510 ;P ALKALINITY(PPM) 64 ;M ALKALINITY(PPM) 510
APPEARANCE CLEAR ;DISCHARGE(L/M) 19.00 ;PRODUCING HORIZON LKEA ;CONFIDENCE HIGH ;SOURCE OWNER

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 68 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 77 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 MARIETTA WEST 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 15M. EAST OF HOUSE: 1-78 MR. EARL POOL % RT. B % MARIETTA, OK. % 73448:

102214 SAMPLE TYPE WELL WATER ;SITE 1501 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/24/05/78
AIR TEMP(C)+ 28.3 ;LAT 33.882 ;LONG 97.892 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 540 ;DISSOLVED OXYGEN(PPM) 5.6 ;WATER TEMP(C) +19.8
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 320 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 322
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON QPFT ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 4
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 21 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 TERRAL 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET 3 M. SOUTHWEST OF WELL HEAD THAT IS 7 M. NORTH OF GARAGE BY BRICK HOUSE: WELL DRILLED 2 YEARS AGO:

102215 SAMPLE TYPE STREAM SEDIMENT ;SITE 1502 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/24/05/78
AIR TEMP(C)+ 28.8 ;LAT 33.883 ;LONG 97.862 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.90 ;WATER WIDTH(M) 0.70 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR D-GR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 114 M. INTERVAL BEGINNING 109 M. UPSTREAM OF ROAD:

102216 SAMPLE TYPE WELL WATER ;SITE 1503 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/05/78
AIR TEMP(C)+ 30.0 ;LAT 33.881 ;LONG 97.840 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 8.9 ;WATER TEMP(C) +18.6
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 552 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 542
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON QPFT ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 12

WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 6 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET LOCATED 12 M. NORTHWEST OF WELL HEAD;
WELL LOCATED 20 M. EAST OF BROWN GARAGE:

102217 SAMPLE TYPE STREAM SEDIMENT ;SITE 1504 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/24/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.890 ;LONG 97.831 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.20
WATER LEVEL POOLS ;BED MATERIAL SAND ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR OTHER ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 20%
REMARKS:
I-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 75 M. INTERVAL BEGINNING 48
M. UPSTREAM OF FENCE CROSSING STREAM: I-77 REDUCED SEDIMENTS:

102218 SAMPLE TYPE STREAM SEDIMENT ;SITE 1505 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/24/05/78
AIR TEMP(C)+ 29.8 ;LAT 33.897 ;LONG 97.829 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 0.60 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE OVER A 40 M. INTERVAL BEGINNING 66 M. UPSTREAM FROM
ROAD: I-60 CATTLE RANCH LOCATED ON HILL BY STREAM BASIN:

102219 SAMPLE TYPE STREAM SEDIMENT ;SITE 1506 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/25/05/78
AIR TEMP(C)+ 28.4 ;LAT 33.956 ;LONG 97.938 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.10 ;WATER WIDTH(M) 0.40 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 16 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 TERRAL 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 57 M. INTERVAL BEGINNING 31 M.
UPSTREAM FROM BEND IN STREAM: I-60 FIELD IN DRAINAGE BASIN HAS BEEN SPRAYED WITH INSECTICIDE; RAIN FELL 3 DAYS AGO:

102221 SAMPLE TYPE STREAM SEDIMENT ;SITE 1507 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/25/05/78
AIR TEMP(C)+ 29.0 ;LAT 33.990 ;LONG 97.938 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS AGRICULTURA ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 1.00 ;WATER DEPTH(M) 0.30
WATER LEVEL LOW ;BED MATERIAL SAND ;SAMPLE COLOR M-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 17 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 TERRAL 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 47 M. INTERVAL BEGINNING AT BEND
IN STREAM BY A SANDSTONE EXPOSURE: I-60 FIELDS IN DASIN HAVE BEEN SPRAYED WITH INSECTICIDE; RAIN FELL 3 DAYS AGO:

102222 SAMPLE TYPE WELL WATER ;SITE 1508 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/05/78
AIR TEMP(C)+ 29.1 ;LAT 33.957 ;LONG 97.940 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 940 ;DISSOLVED OXYGEN(PPM) 9.6 ;WATER TEMP(C) +20.9
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 589 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 551
APPEARANCE CLEAR ;DISCHARGE(L/M) 15.00 ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

2 WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 TERRAL 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET ON PRESSURE TANK LOCATED AT WELL HEAD;
WELL HEAD LOCATED UNDER OLD WINDMILL 12 M. EAST OF WHITE HOUSE:

102223 SAMPLE TYPE WELL WATER ;SITE 1509 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/25/05/78
AIR TEMP(C)+ 29.5 ;LAT 33.925 ;LONG 97.936 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1390 ;DISSOLVED OXYGEN(PPM) 7.0 ;WATER TEMP(C) +23.1
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 589 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 633
APPEARANCE CLEAR ;DISCHARGE(L/M) 13.00 ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

6 WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 9 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 9 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 TERRAL 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET BY WELLHEAD WHICH IS LOCATED UNDER AN OLD
WINDMILL 3 M. SOUTH OF WHITE HOUSE:

E 102224 SAMPLE TYPE WELL WATER ;SITE 1510 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/25/05/78
AIR TEMP(C)+ 30.3 ;LAT 33.984 ;LONG 97.913 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1680 ;DISSOLVED OXYGEN(PPM) 3.1 ;WATER TEMP(C) +23.7
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 650 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 658
APPEARANCE CLEAR ;DISCHARGE(L/M) 16.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 12
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 15 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 15 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 TERRAL 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET ON SOUTH SIDE OF BRICK HOUSE; WELL LOCATED
5 M. NORTH OF BRICK HOUSE IN STORAGE SHED:

102225 SAMPLE TYPE WELL WATER ;SITE 1511 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/25/05/78
AIR TEMP(C)+ 31.9 ;LAT 33.926 ;LONG 97.857 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 740 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +22.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 364 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 366
APPEARANCE CLEAR ;DISCHARGE(L/M) 10.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 2

WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 7 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET LOCATED 2 M. NORTHEAST OF WELL HEAD;
WELL LOCATED 5 M. NORTHEAST OF WHITE HOUSE; WELL IS 40 YRS. OLD;

102226 SAMPLE TYPE WELL WATER ;SITE 1512 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/25/05/78
AIR TEMP(C)+ 31.1 ;LAT 33.975 ;LONG 97.824 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1680 ;DISSOLVED OXYGEN(PPM) 7.6 ;WATER TEMP(C) +22.4
VISIBILITY(M) CLEAR ;PH 7.7 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 582 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 600
APPEARANCE CLEAR ;DISCHARGE(L/M) 12.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING GALVANIZED ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 25
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 18 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 18 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET 25 M. NORTHEAST OF WELL HEAD; WELL HEAD
LOCATED IN SMALL WHITE BUILDING 4 M. SOUTHWEST OF WHITE GARAGE; 1-60 PAINT BRUSHES CLEANED AT FAUCET RECENTLY;

102227 SAMPLE TYPE STREAM SEDIMENT ;SITE 1513 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/25/05/78
AIR TEMP(C)+ 31.4 ;LAT 33.974 ;LONG 97.768 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 0.30 ;WATER DEPTH(M) 0.30
WATER LEVEL POOLS ;BED MATERIAL NONE ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 10%
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 48 M. INTERVAL BEGINNING 30
M. UPSTREAM OF ROAD; 1-71 SANDY CLAY;

102228 SAMPLE TYPE WELL WATER ;SITE 1514 ;MAP NI1409 ;SAMPLER MDH ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/25/05/78
AIR TEMP(C)+ 31.1 ;LAT 33.971 ;LONG 97.765 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 570 ;DISSOLVED OXYGEN(PPM) 10.7 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 328 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 324
APPEARANCE CLEAR ;DISCHARGE(L/M) 4.00 ;PRODUCING HORIZON PUTC ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. WIND ;CASING STEEL ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 1
WRT PRESSURE TANK NONE ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 56 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 56 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE FROM FAUCET AT WELLHEAD OF WIND MILL WELL; WELLHEAD
LOCATED IN STOCK YARD APPOX. 15 M. WEST OF BRICK HOUSE;

102229 SAMPLE TYPE STREAM SEDIMENT ;SITE 1515 ;MAP NI1409 ;SAMPLER MDH ;PHASE 6 ;REPLICATE ;TIME SAMPLE TAKEN 18/25/05/78
AIR TEMP(C)+ 31.0 ;LAT 33.955 ;LONG 97.769 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.50 ;WATER WIDTH(M) 2.00 ;WATER DEPTH(M) 0.20
WATER LEVEL LOW ;BED MATERIAL NONE ;SAMPLE COLOR D-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 18 ;ORGANIC MATERIAL 05%
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO OF THE SHERMAN QUAD; COLLECTED SAMPLE GOING UPSTREAM OVER A 47 M. INTERVAL BEGINNING 28 M. UPSTREAM OF BRIDGE: 1-60 CAR IN STREAM, INSECTICIDE SPRAY IN BASIN AREA LAST WEEK: 1-71 SANDY CLAY POSSIBLY MUDSTONE BEDROCK:

102230 SAMPLE TYPE WELL WATER ;SITE 1447 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/30/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.940 ;LONG 97.901 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -- -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 830 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) +19.5
VISIBILITY(M) CLEAR ;PH 7.1 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 354 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 360
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON QPFT ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. GALVANIZED ;METERS FROM HEAD 3
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 38 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 53 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 TERRAL 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL 22 M SE OF HOUSE: 1-60 WELL WAS SAMPLED BY USING 1 M OF PLASTIC HOSE: 1-78 MR. CHESTER HAYES % RT. 1, BOX 65A % RYAN, OK. % 73565: 3-20 PUMP IS SET AT 45 M. WATER IS PRODUCED FROM 38 M TO 53 M:

102231 SAMPLE TYPE WELL WATER ;SITE 1448 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/30/05/78
AIR TEMP(C)+ 28.5 ;LAT 33.928 ;LONG 97.792 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -- -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 2055 ;DISSOLVED OXYGEN(PPM) 7.8 ;WATER TEMP(C) +20.8
VISIBILITY(M) CLEAR ;PH 7.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 450 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 445
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON PUTC ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. PLASTIC ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 66 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 66 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO, SHERMAN QUAD; SAMPLED WELL AT FAUCET 22 M EAST OF HOUSE, MR. JAKE EVANS - OWNER: 3-28 SUBMERSIBLE PUMP IS SET AT 65 M:

102232 SAMPLE TYPE STREAM SEDIMENT ;SITE 1449 ;MAP NI1409 ;SAMPLER MJA ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/30/05/78
AIR TEMP(C)+ 28.0 ;LAT 33.976 ;LONG 97.816 ;UNIT CODE PUTC ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-CLEAR ;CONTAMINANTS OTHER ;STREAM FLOW(M/SEC) 0.20 ;WATER WIDTH(M) 1.70 ;WATER DEPTH(M) 0.20
WATER LEVEL HIGH ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 03%
REMARKS:
1-38 FLEETWOOD 7 1/2' TOPO, SHERMAN QUAD; COLLECTED IN CENTER OF STREAM OVER A 30 M. INTERVAL GOING UPSTREAM STARTING 65 M DOWNSTREAM FROM JUNCTION WITH TRIBUTARY: 1-60 INSECT REPELLENT. ABANDONED 1.2 M DIAMETER GALVANIZED PIPE WHICH WAS ONCE USED AS A BRIDGE IS LOCATED 70 M UPSTREAM:

102272 SAMPLE TYPE WELL WATER ;SITE 0251 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/16/01/78
AIR TEMP(C)+ 0.5 ;LAT 33.928 ;LONG 96.391 ;UNIT CODE UKWR ;VEGETATION GRASS /MODERATE ;RELIEF FLAT
WEATHER V WINDY-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 450 ;DISSOLVED OXYGEN(PPM) 7.9 ;WATER TEMP(C) + 4.2
VISIBILITY(M) CLEAR ;PH 7.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 192 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 190
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWR ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 10 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 10 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS;
1-38 DURANT 15' OF SHERMAN, SAMPLE COLLECTED FROM FAUCET ON WEST SIDE OF HOUSE; 3-20 WELL PARTIALLY CASED WITH BRICK;
3-21 STEEL AND PLASTIC PIPING; 1-77 OCAISIONAL ROTTEN EGG SMELL IN SUMMER WHEN WELL IS NEAR DRY; 1-78 EARL SLATEN
% RT 1 % CALERA, OKLAHOMA 74730;

102273 SAMPLE TYPE WELL WATER ;SITE 0252 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/17/01/78
AIR TEMP(C)+ 9.5 ;LAT 33.970 ;LONG 96.328 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 800 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +11.9
VISIBILITY(M) CLEAR ;PH 5.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 230 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 240
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWR ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 20 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 20 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER
REMARKS;
1-38 DURANT 15' OF SHERMAN, SAMPLE TAKEN AT PUMP HOUSE WEST OF HOUSE 12.5 M NW OF WELL. A SPRING IS SITUATED 50 M
EAST OF HOUSE, A WELL 350 M NW OF HOUSE HAS A SULPHIDE SMELL, 15.0 M; 1-78 A. MOORE % BOX 84, RT 2 % DURANT, OKLAHOMA
74701;

102275 SAMPLE TYPE WELL WATER ;SITE 0253 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/17/01/78
AIR TEMP(C)+ 21.5 ;LAT 33.971 ;LONG 96.269 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-CLEAR ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 139 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) + 5.3
VISIBILITY(M) CLEAR ;PH 5.4 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 182 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 184
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. OTHER ;METERS FROM HEAD 30
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 12 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 12 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO USER
REMARKS;
1-38 DURANT 15' QUAD OF SHERMAN. SAMPLE COLLECTED AT KITCHEN SINK ON W. SIDE OF HOUSE 30M SE OF WELL HEAD. B. B.
WILLIAMS OWNER; 3-20 BRICK CASING; 3-21 STEEL AND COPPER PIPING;

102276 SAMPLE TYPE WELL WATER ;SITE 0254 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/17/01/78
AIR TEMP(C)+ 4.8 ;LAT 33.924 ;LONG 96.290 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 880 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +14.1
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 294 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 297

APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 2
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 49 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 64 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DURANT 15' QUAD OF SHERMAN. SAMPLE TAKEN AT WELL HOUSE 9M SOUTH OF S.E. CORNER OF HOUSE: BAD WATER SUPPOSEDLY
ABOUT 1 MI. S AND E:

102277 SAMPLE TYPE WELL WATER ;SITE 0255 ;MAP NI1409 ;SAMPLER TWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/17/01/78
AIR TEMP(C)+ 20.0 ;LAT 33.925 ;LONG 96.334 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /SPARSE ;RELIEF LOW
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1980 ;DISSOLVED OXYGEN(PPM) 4.2 ;WATER TEMP(C) +13.
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 872 ;P ALKALINITY(PPM) 36 ;M ALKALINITY(PPM) 854
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWB ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 27
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 122 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 122 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DURANT 15' QUAD OF SHERMAN. SAMPLE COLLECTED AT KITCHEN SINK 13.5M WEST OF WELL HOUSE AND 27M NW OF WELL: 2-21
COPPER AND STEEL PIPING; I-38 CONTINUED, C. C. BOSTON ESQ.-OWNER:

102278 SAMPLE TYPE WELL WATER ;SITE 0256 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/17/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.939 ;LONG 96.442 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LO
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 820 ;DISSOLVED OXYGEN(PPM) 5.4 ;WATER TEMP(C) + 4.4
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 260 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 267
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 48
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 49 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 49 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DURANT 15' QUAD OF SHERMAN. SAMPLE COLLECTED AT MILKHOUSE SINK 48M EAST AND 21M SOUTH OF WELL HOUSE: 3-21 STEEL
AND PLASTIC PIPES:

102281 SAMPLE TYPE WELL WATER ;SITE 0257 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/19/01/78
AIR TEMP(C)+ 2.0 ;LAT 33.973 ;LONG 96.454 ;UNIT CODE UKWD ;VEGETATION GRASS /DENSE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 585 ;DISSOLVED OXYGEN(PPM) 1.0 ;WATER TEMP(C) +15.7
VISIBILITY(M) CLEAR ;PH 6.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 264 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 274
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK FROM ;USE STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 27 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 27 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO OWNER

REMARKS:

1-38 DURANT 15' QUAD OF SHERMAN, SAMPLE COLLECTED FROM PRESSURE TANK IN WELL HOUSE 24M S AND 47M E OF S EAST CORNER OF HOUSE:

102282 SAMPLE TYPE WELL WATER ;SITE 0258 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/19/01/78
AIR TEMP(C)+ 2.0 ;LAT 33.881 ;LONG 96.435 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 400 ;DISSOLVED OXYGEN(PPM) 6.1 ;WATER TEMP(C) + 8.5
VISIBILITY(M) CLEAR ;PH 6.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 38 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 42
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWL ;CONFIDENCE HIGH ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DUG ;PWR CLASS. ELECTRIC ;CASING NONE ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 5 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 6 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DURANT 15' QUAD OF SHERMAN, SAMPLE COLLECTED FROM FAUCET ON PRESSURE TANK IN WELL HOUSE 3M SOUTH OF HOUSE. OWNER-J. R. PHILLIPS: 3-20 UPPER 1M OF WELL LINED WITH BRICK, NATURAL SANDSTONE WALLS BELOW: OWNER CLAIMS THAT THIS IS ONLY GOOD WELL IN AREA:

102283 SAMPLE TYPE WELL WATER ;SITE 0259 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/19/01/78
AIR TEMP(C)+ 5.2 ;LAT 33.875 ;LONG 96.384 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 510 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) + 6.6
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 250 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 241
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. OTHER ;METERS FROM HEAD 21
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 92 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 92 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DURANT 15' QUAD OF SHERMAN. SAMPLE COLLECTED FROM KITCHEN FAUCET ON NORTH SIDE OF HOUSE APPROX. 21M SOUTH OF WELL: 3-21 PLASTIC AND STEEL PIPING:

102284 SAMPLE TYPE WELL WATER ;SITE 0260 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/19/01/78
AIR TEMP(C)+ 19.0 ;LAT 33.885 ;LONG 96.285 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1430 ;DISSOLVED OXYGEN(PPM) 0.3 ;WATER TEMP(C) +11.1
VISIBILITY(M) CLEAR ;PH 8.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 664 ;P ALKALINITY(PPM) 34 ;M ALKALINITY(PPM) 700
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. STEEL ;METERS FROM HEAD 8
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 61 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 61 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO USER
REMARKS:
1-38 DURANT 15' QUAD OF SHERMAN. WELL SAMPLED AT KITCHEN SINK ON NORTH SIDE OF HOUSE 8.2M WEST OF WELL. RESIDENT JUNIOR SIMPSON. EARL GRAY REAL ESTATE-OWNER:

102285 SAMPLE TYPE WELL WATER ;SITE 0261 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 17/23/01/78
AIR TEMP(C)+ 23.0 ;LAT 33.881 ;LONG 96.340 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /DENSE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1030 ;DISSOLVED OXYGEN(PPM) 3.2 ;WATER TEMP(C) +13.9
VISIBILITY(M) CLEAR ;PH 8.0 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 340 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 338
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING PLASTIC ;PIPE COMP. OTHER ;METERS FROM HEAD 13
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 108 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 108 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DURANT 15' QUAD OF SHERMAN. SAMPLE TAKEN AT KITCHEN SINK ON SOUTH SIDE OF HOUSE 15M WEST AND 9M SOUTH OF WELL: I-78 WATER HAS A SULPHIDE SMELL IF IT IS NOT FREQUENTLY USED: 3-21 PLASTIC AND COPPER PIPES: 1-38 CONT. C.J. MITCHELL, OWNER: 2-74 OWNER IDENTIFIES PRODUCING HORIZON AS THE TRINITY SAND:

102286 SAMPLE TYPE WELL WATER ;SITE 0262 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/01/78
AIR TEMP(C)+ 7.5 ;LAT 33.838 ;LONG 96.389 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF LOW
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR H2S ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 500 ;DISSOLVED OXYGEN(PPM) 2.5 ;WATER TEMP(C) +19.0
VISIBILITY(M) CLEAR ;PH 7.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 145 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 142
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE HIGH ;SOURCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 0
WRT PRESSURE TANK NONE ;USE MUNICIPAL ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 118 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OTHER ;WELL DEPTH(M) 118 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OTHER
REMARKS:
I-38 DURANT 15' QUAD OF SHERMAN, SAMPLE TAKEN FROM CITY OF ACHILLE WEST WELL. WATER TAKEN DIRECT FROM WELL: 2-79, 3-33 & 3-39 INFORMATION PROVIDED BY MR. MURDOCK- CITY WELL OPERATOR; 2-74 OPERATOR CLAIMS THAT PRODUCING UNIT IS THE TRINITY SAND:

102287 SAMPLE TYPE WELL WATER ;SITE 0263 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 15/23/01/78
AIR TEMP(C)+ 3.5 ;LAT 33.817 ;LONG 96.336 ;UNIT CODE UKWL ;VEGETATION DECIDUOUS /DENSE ;RELIEF LOW
WEATHER CALM -OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 490 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) +10.6
VISIBILITY(M) CLEAR ;PH 6.3 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 64 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 54
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING OTHER ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 59 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 DURANT 15' QUAD OF SHERMAN, SAMPLE TAKEN IN WELL HOUSE 20M NE OF HOUSE. LEE SHACKLEFORD-OWNER: 3-19 SUBMERSIBLE PUMP: 3-20 CAST IRON PIPE:

102288 SAMPLE TYPE WELL WATER ;SITE 0264 ;MAP NI1409 ;SAMPLER JWS ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 16/23/01/78
AIR TEMP(C)+ 1.5 ;LAT 33.814 ;LONG 96.278 ;UNIT CODE UKEF ;VEGETATION GRASS /DENSE ;RELIEF LOW
WEATHER LT WIND-RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)

WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 1760 ;DISSOLVED OXYGEN(PPM) 2.8 ;WATER TEMP(C) +14.2
VISIBILITY(M) CLEAR ;PH 8.2 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 868 ;P ALKALINITY(PPM) 63 ;M ALKALINITY(PPM) 884
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE PROBABLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING UNKNOWN ;PIPE COMP. PLASTIC ;METERS FROM HEAD 0
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ FREQUENT ;DEPTH TO PROD HORIZON 120 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 120 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 DURANT 15' QUAD OF SHERMAN. SAMPLE TAKEN AT WELL HOUSE 24M. WEST NORTHWEST OF HOUSE. OWNER GILBERT BENNETT.

102457 SAMPLE TYPE WELL WATER ;SITE 0001 ;MAP N11409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 09/23/01/76
AIR TEMP(C)+ 0.2 ;LAT 33.982 ;LONG 96.222 ;UNIT CODE UKWM ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED YES
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 84 ;DISSOLVED OXYGEN(PPM) 1.7 ;WATER TEMP(C) +13.2
VISIBILITY(M) CLEAR ;PH 7.8 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 666 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 660
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWB ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 1
WRT PRESSURE TANK BEFORE ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 30 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 45 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WADE 15 QUAD, RICHARDSON, TAKEN FROM FAUCET AT WELL HEAD IN WELL HOUSE; 1-78 M. R. RICHARDSON % RT. 2 BOX 66 % BODADA, OK 74726; 3-19 SUBMERGED;

102458 SAMPLE TYPE WELL WATER ;SITE 0002 ;MAP N11409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/23/01/78
AIR TEMP(C)+ 5.0 ;LAT 33.968 ;LONG 96.113 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 91 ;DISSOLVED OXYGEN(PPM) 3.7 ;WATER TEMP(C) + 7.7
VISIBILITY(M) CLEAR ;PH 8.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 850 ;P ALKALINITY(PPM) 62 ;M ALKALINITY(PPM) 850
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 48 ;CONFID. OF PROD DEPTH PROBABLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
1-38 WADE 15 QUAD, J. HAMILTON, COLLECTED FROM KITCHEN SINK; 3-19 SUBMERGED;

102459 SAMPLE TYPE WELL WATER ;SITE 0003 ;MAP N11409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 13/23/01/78
AIR TEMP(C)+ 4.0 ;LAT 33.981 ;LONG 96.061 ;UNIT CODE UKWD ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 107 ;DISSOLVED OXYGEN(PPM) 3.3 ;WATER TEMP(C) + 6.3
VISIBILITY(M) CLEAR ;PH 7.6 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 670 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 672
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWD ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 42 ;CONFID. OF PROD DEPTH HIGH
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 59 ;CONFID. OF DEPTH HIGH ;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE 15 QUAD, C. BROWN, COLLECTED FROM KITCHEN SINK: 3-19 SUBMERGED:

102460 SAMPLE TYPE WELL WATER ;SITE 0004 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 14/23/01/78
AIR TEMP(C)+ 5.0 ;LAT 33.930 ;LONG 96.128 ;UNIT CODE UKWR ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-OVERCST ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR - -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 146 ;DISSOLVED OXYGEN(PPM) 5.1 ;WATER TEMP(C) + 9.6
VISIBILITY(M) CLEAR ;PH 8.5 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 1185 ;P ALKALINITY(PPM) 61 ;M ALKALINITY(PPM) 1195
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON UKWO ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 10
WRT PRESSURE TANK AFTER ;USE HOUSEHOLD ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 60 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO OWNER ;WELL DEPTH(M) 90 ;CONFID. OF DEPTH PROBABLE;SOURCE OF DEPTH INFO OWNER
REMARKS:
I-38 WADE 15 QUAD, COLLECTED FROM KITCHEN SINK: 3-19 SUBMERGED:

102540 SAMPLE TYPE STREAM SEDIMENT ;SITE 0181 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.958 ;LONG 96.891 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER -RAINY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 13 ;ORGANIC MATERIAL 10%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM LAKE:

102541 SAMPLE TYPE STREAM SEDIMENT ;SITE 0182 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/03/78
AIR TEMP(C)+ 22.0 ;LAT 33.945 ;LONG 96.872 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL DRY ;BED MATERIAL SAND ;SAMPLE COLOR L-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION DRY ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 30M INTERVAL STARTING 20M UPSTREAM FROM LAKE:

102542 SAMPLE TYPE STREAM SEDIMENT ;SITE 0183 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 10/22/03/78
AIR TEMP(C)+ 23.0 ;LAT 33.926 ;LONG 96.807 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) 0.30 ;WATER WIDTH(M) 0.90 ;WATER DEPTH(M) 0.10
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR L-OR-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 10 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED IN CENTER OVER 25M INTERVAL STARTING 20M UPSTREAM FROM LAKE:

102544 SAMPLE TYPE STREAM SEDIMENT ;SITE 0184 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 11/22/03/78
AIR TEMP(C)+ 24.0 ;LAT 33.940 ;LONG 96.793 ;UNIT CODE LKEA ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) NONE ;WATER WIDTH(M) 1.60 ;WATER DEPTH(M) 0.20
WATER LEVEL NORMAL ;BED MATERIAL SAND ;SAMPLE COLOR M-RD-BN ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO

CENTROID: LAT 0.000 LONG 0.000

SEDIMENT INFORMATION: SAMPLE CONDITION WET ;SAMPLE TREATMENT NONE ;NO. GRABS 15 ;ORGANIC MATERIAL 05%
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED ALONG EAST BANK OVER 30M INTERVAL STARTING 30M UPSTREAM FROM BRIDGE:

102545 SAMPLE TYPE WELL WATER ;SITE 0185 ;MAP NI1409 ;SAMPLER JGG ;PHASE 2 ;REPLICATE ;TIME SAMPLE TAKEN 12/22/03/78
AIR TEMP(C)+ 28.5 ;LAT 33.918 ;LONG 96.844 ;UNIT CODE QPFT ;VEGETATION DECIDUOUS /MODERATE ;RELIEF GENTLE
WEATHER LT WIND-PT CLDY ;CONTAMINANTS NONE ;STREAM FLOW(M/SEC) ;WATER WIDTH(M) ;WATER DEPTH(M)
WATER LEVEL ;BED MATERIAL ;SAMPLE COLOR -CL ;SAMPLE ODOR NONE ;RESULTS REQUESTED NO
CENTROID: LAT 0.000 LONG 0.000

GENERAL WATER: TREATMENT NONE ;CONDUCTIVITY(MICROMHOS/CM) 38 ;DISSOLVED OXYGEN(PPM) 6.3 ;WATER TEMP(C) +17.6
VISIBILITY(M) CLEAR ;PH 5.9 ;LO-ION PAPER ;TOTAL ALKALINITY(PPM) 33 ;P ALKALINITY(PPM) <5 ;M ALKALINITY(PPM) 34
APPEARANCE CLEAR ;DISCHARGE(L/M) ;PRODUCING HORIZON LKEA ;CONFIDENCE POSSIBLE ;SOURCE GEOL. INFERENCE

WELL WATER: TYPE DRILLED ;PWR CLASS. ELECTRIC ;CASING STEEL ;PIPE COMP. STEEL ;METERS FROM HEAD 15
WRT PRESSURE TANK AFTER ;USE HOUSE/STOCK ;PUMPING FREQ CONSTANT ;DEPTH TO PROD HORIZON 17 ;CONFID. OF PROD DEPTH POSSIBLE
SOURCE OF PROD. INFO GEOL. INFERENCE ;WELL DEPTH(M) 17 ;CONFID. OF DEPTH POSSIBLE;SOURCE OF DEPTH INFO GEOL. INFERENCE
REMARKS:
I-38 GORDONVILLE 15 QUAD, COLLECTED FROM FAUCET NORTH OF DRIVEWAY: