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NATIONALURANIUMRESOURCEEVALUATIONPROGRAM

HYDROGEOCHEMICAL AND STREAM SEDIMENT
RECONNAISSANCE BASIC DATA FOR
BAKERSFIELDQUADRANGLE,CALIFORNIA

Uranium Resource Evaluation Project

October 1, 1981

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NATIONAL URANIUM RESOURCE EVALUATION PROGRAM

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ABSTRACT

Field and laboratory data are presented for 1,780 sediment samples from the Bakersfield Quadrangle, California. The samples were collected by the Savannah River Laboratory; laboratory analysis and data reporting were performed by the Uranium Resource Evaluation Project at Oak Ridge, Tennessee.

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HYDROGEOCHEMICAL AND STREAM SEDIMENT
RECONNAISSANCE BASIC DATA FOR
BAKERSFIELD QUADRANGLE, CALIFORNIA

INTRODUCTION

The National Uranium Resource Evaluation (NURE) Program was established by the U. S. Atomic Energy Commission, now the U. S. Department of Energy (DOE), in the spring of 1973 to assess uranium resources and to identify favorable areas for detailed uranium exploration throughout the United States. The principal objectives of the NURE Program are: (1) to provide a comprehensive in-depth assessment of the nation's uranium resources for national energy planning, and (2) to identify areas favorable for uranium resources. The NURE Program report, an Assessment Report on Uranium in the United States of America (1980), evaluates the uranium resources in 135 National Topographic Maps Series (NTMS) 1° x 2° quadrangles. The NURE Program is currently scheduled to continue the assessment process.

The NURE Program consists of five parts:

1. Hydrogeochemical and Stream Sediment Reconnaissance (HSSR) Program,
2. Aerial Radiometric and Magnetic Survey,
3. Surface Geologic Investigations,
4. Drilling for Geologic Information, and
5. Geophysical Technology Development.

The objective of the HSSR Program is to provide information to be used in accomplishing the overall NURE Program objectives. This is accomplished by a reconnaissance of surface water, groundwater, stream sediment, and lake sediment. The survey is being conducted by Los Alamos National Laboratory (LANL), Oak Ridge Gaseous Diffusion Plant (ORGDP), and Savannah River Laboratory (SRL).

A total of 1,780 sediment samples from the Bakersfield Quadrangle (Figure 1) were received from SRL for laboratory analysis by the Uranium Resource Evaluation (URE) Project laboratory in Oak Ridge, Tennessee. Laboratory analyses were completed in September 1981, and the final data base used to generate the tables and figures was completed in September 1981.

Figure 1

INDEX MAP SHOWING THE LOCATION OF THE BAKERSFIELD QUADRANGLE

SAMPLE COLLECTION

Detailed information regarding techniques employed in sample collection, recording of site data, utilization of field equipment, and obtaining field measurements may be found in "Field Manual for Stream Sediment Reconnaissance" for Savannah River Laboratory (Ferguson, R. B., Price, V., and Baucom, E. I., July 1976).

LABORATORY PROCEDURES

Analytical procedures which were used are described by Cagle (1977) and Arendt, et al (December 1979). Stream sediment samples are dried and the fraction passing through a 100-mesh (150- μ m) nylon sieve is collected and blended. A 0.25 g aliquant is placed in a 100-ml Teflon beaker to which is added 5 ml of concentrated nitric acid, then 5 ml of concentrated hydrofluoric acid. The sample is placed on a hotplate at 250°C and evaporated just to dryness. Then, 20 ml of 30% nitric acid is added and the sample warmed. The contents of the beaker are transferred to a 50-ml centrifuge and diluted to volume with distilled water. Twenty ml of the dissolved sediment sample is transferred to a 50-ml vial and extracted into 2 ml of 2% TOPO in Varsol. A 50- μ l aliquant is transferred onto a sodium fluoride pellet which is then sintered for 25 min at 970°C. The fluorescence intensity of the sample and standard pellets is measured using an automated fluorometer. The intensity is read directly by the calculator, and the sample concentrations are computed. Results are reported as ppm in the original sediment sample. Detection limits for all elements are listed in Table 1. These detection limits are considered the best average during normal operation; however, some variables have values reported below these limits.

Procedures used to analyze URE Project reconnaissance samples require that calibration standards, check samples, and blanks be analyzed along with normal samples to ensure the validity of reported results. A measurements control program provides information concerning precision and reliability of these measurements. Control samples of three sediment batches are submitted anonymously along with routine samples on a daily basis. Statistical summaries of results reported on control samples, which were analyzed with the samples included in this survey, are given in Table 2.

A principal component error analysis was used to produce an ordered list of samples using the eigenvalue statistics as described by Kane, et al (1977), where the most extreme samples were listed first. Additional unusual samples were identified if single-element measurements were outside a three standard deviation confidence interval around the mean. Eighteen sediment samples, approximately 1% of the total, (BFAA029, BFAG015, BFAH027, BFBD037, BFBE007, BFBE040, BFBH031, BHCF036, BFCH010, BFDB023, BFDB037, BFDB038, BFDC011, BFDD012, BFDG016, BFDG019, BFDH045, and BFDH056) appeared to be the most unusual.

Table 1

DETECTION LIMITS OF VARIABLES DETERMINED IN SEDIMENT SAMPLES

Variable	Method	Detection Limit
U-FL	Fluorometry	--
U-NT	Neutron Activation-Delayed Neutron Count	0.02
Ag	Plasma Source Emission Spectrometry	2
Al	Plasma Source Emission Spectrometry	0.05(a)
B	Plasma Source Emission Spectrometry	10
Ba	Plasma Source Emission Spectrometry	2
Be	Plasma Source Emission Spectrometry	1
Ca	Plasma Source Emission Spectrometry	0.05(a)
Ce	Plasma Source Emission Spectrometry	10
Co	Plasma Source Emission Spectrometry	4
Cr	Plasma Source Emission Spectrometry	1
Cu	Plasma Source Emission Spectrometry	2
Fe	Plasma Source Emission Spectrometry	0.05(a)
Hf	Plasma Source Emission Spectrometry	15
K	Plasma Source Emission Spectrometry	0.05(a)
La	Plasma Source Emission Spectrometry	2
Li	Plasma Source Emission Spectrometry	1
Mg	Plasma Source Emission Spectrometry	0.05(a)
Mn	Plasma Source Emission Spectrometry	4
Mo	Plasma Source Emission Spectrometry	4
Na	Plasma Source Emission Spectrometry	0.05(a)
Nb	Plasma Source Emission Spectrometry	4
Ni	Plasma Source Emission Spectrometry	2
P	Plasma Source Emission Spectrometry	5
Pb	Plasma Source Emission Spectrometry	10
Sc	Plasma Source Emission Spectrometry	1
Si	Plasma Source Emission Spectrometry	--
Sr	Plasma Source Emission Spectrometry	1
Th	Plasma Source Emission Spectrometry	2
Ti	Plasma Source Emission Spectrometry	10
V	Plasma Source Emission Spectrometry	2
Y	Plasma Source Emission Spectrometry	1
Zn	Plasma Source Emission Spectrometry	2
Zr	Plasma Source Emission Spectrometry	2

(a) Detection limits expressed in percent.

Table 2

SUMMARY OF MEASUREMENTS CONTROL RESULTS OBTAINED WITH SEDIMENT SAMPLES FROM THE BAKERSFIELD QUADRANGLE

Element	Method	Batch Q-1				Batch R-3				Batch S-3			
		No. of Samples	Mean (ppm)	Standard Deviation (ppm)	Coefficient of Variation	No. of Samples	Mean (ppm)	Standard Deviation (ppm)	Coefficient of Variation	No. of Samples	Mean (ppm)	Standard Deviation (ppm)	Coefficient of Variation
U	FL(a)	40	0.79	0.268	0.34	37	4.26	0.469	0.11	38	28.52	2.674	0.09
U	NT(b)	39	0.67	0.160	0.24	90	4.86	0.134	0.03	35	26.25	0.797	0.03
AL	PS(c)	77	9,800.0	500.0	0.05	104	33,600.0	3,310.0	0.10	63	48,600.0	2,030.0	0.04
B	PS	81	6.0	3.2	0.47	105	15.0	6.4	0.40	67	62.0	11.5	0.18
Ba	PS	81	24.0	11.7	0.09	104	432.0	39.7	0.09	69	290.0	31.6	0.11
Be	PS	80	-	-	-	105	1.0	3.2	2.57	69	2.0	4.3	2.00
Ca	PS	82	1,000.0	120.0	0.12	106	2,800.0	400.0	0.14	68	15,900.0	1,370.0	0.09
Ce	PS	80	19.70	3.9	0.20	102	68.22	12.1	0.18	68	64.93	9.7	0.15
Co	PS	82	4.0	2.5	0.63	105	12.0	2.6	0.21	66	32.0	2.5	0.08
Cr	PS	82	13.0	3.1	0.23	104	27.0	3.2	0.12	69	62.0	6.8	0.11
Cu	PS	75	4.0	0.7	0.18	97	21.0	1.9	0.09	66	69.0	3.6	0.05
Fe	PS	79	9,500.0	410.0	0.04	104	17,800.0	1,170.0	0.07	66	39,300.0	1,940.0	0.05
K	PS	81	1,800.0	210.0	0.11	103	9,600.0	990.0	0.10	67	15,800.0	1,910.0	0.12
Li	PS	81	9.0	0.8	0.09	104	22.0	2.0	0.09	69	34.0	3.3	0.10
Mg	PS	82	1,100.0	80.0	0.08	101	2,100.0	130.0	0.06	69	5,400.0	320.0	0.06
Mn	PS	80	306.0	16.1	0.05	103	1,886.0	113.9	0.06	67	391.0	21.2	0.05
Mo	PS	1	-	-	-	105	-	-	-	65	41.0	4.9	0.12
Na	PS	1	<500.0	-	-	104	1,500.0	160.0	0.10	67	1,500.0	180.0	0.12
Nb	PS	79	<4.0	-	-	106	11.0	3.7	0.33	69	5.0	2.8	0.46
Ni	PS	79	6.0	1.4	0.22	104	19.0	2.8	0.14	69	104.0	8.8	0.08
P	PS	80	66.0	9.8	0.15	105	1,915.0	298.4	0.16	69	1,328.0	188.2	0.14
Pb	PS	71	<10.0	-	-	54	38.0	5.7	0.15	66	28.0	8.3	0.30
Sc	PS	82	1.0	0.5	0.29	104	5.0	0.6	0.10	67	9.0	0.6	0.06
Sr	PS	81	19.0	1.3	0.07	99	54.99	2.7	0.05	69	85.26	5.0	0.06
Th	PS	82	2.0	1.7	0.79	106	6.0	3.8	0.57	69	7.0	3.8	0.53
Ti	PS	82	564.0	53.3	0.09	103	3,270.0	309.4	0.09	68	2,095.0	182.9	0.09
V	PS	77	20.0	1.0	0.05	103	53.0	4.9	0.09	67	160.0	8.2	0.05
Y	PS	1	-	-	-	102	19.0	1.5	0.07	67	33.0	1.7	0.05
Zn	PS	76	12.0	1.9	0.15	101	89.0	9.5	0.11	67	171.0	20.0	0.12
Zr	PS	81	29.0	2.9	0.10	102	134.0	10.9	0.08	68	81.0	5.6	0.07
Hf	PS	72	<15.0	-	-	53	-	-	-	65	-	-	-
La	PS	72	13.5	6.4	0.47	54	55.39	23.7	0.43	66	59.53	20.3	0.34

(a) Fluorometry.

(b) Neutron activation delayed neutron count.

(c) Plasma source emission spectroscopy.

DATA PRESENTATION

Sample site locations are shown on Plate 1 and a symbol plot for uranium is shown on Plate 2. The lognormal probability distribution and frequency plots for uranium (Figures 2a and 2b, respectively) are shown. Table 3 is a statistical summary for all variables, and Table 4 is a tabular listing for selected field information and all laboratory data.

Figure 2

LOGNORMAL PROBABILITY AND FREQUENCY PLOTS FOR URANIUM (PPM)
IN SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

Table 3

STATISTICAL SUMMARY FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

NO. SAMPLES ANALYZED		LN TRANSFORMATION												
BELOW		ROBUST												
MEASURABLE DETECTION		DETECTION	MINIMUM	MAXIMUM	MEAN	MEDIAN	MODE	STANDARD	COEFFICIENT					
ELEMENT	VALUES	LIMIT	VALUE	VALUE				DEVIATION	OF	MEAN	S. D.	MEAN	S. D.	
									VARIATION					
U-FL	1753	8	<0.25	<0.25	56.99	3.46	2.80	2.13	3.315	0.958	1.05	0.57	1.03	0.55
U-NT	4			2.00	26.80	14.45	2.70	27.11	13.976	0.967	2.06	1.41		
AG	4	1776	<2	<2	3	2	<2	<2	0.6	0.2	0.90	0.23		
AL	1779	1	<10.00	0.84	739.00	9.37	7.77	<10.00	24.842	2.652	2.06	0.33		
B	1533	1	<4	<4	99999	198	23	15	2887.5	18.2	3.28	0.69	3.10	0.68
		246	<10											
BA	1780			4	9966	672	645	603	315.7	0.5	6.44	0.46	6.47	0.25
BE	1713	67	<1	<1	5	1	<1	<1	0.6	0.4	0.23	0.36		
CA	1780			0.34	418.00	3.70	2.48	2.47	17.421	4.706	0.93	0.51	0.91	0.42
CE	1759	2	<10	<10	310	55	49	45	26.4	0.5	3.94	0.40	3.91	0.42
		19	<30											
CD	1709	13	<2	<2	36	9	8	6	4.0	0.4	2.14	0.40	2.10	0.45
		58	<4											
CR	1762	1	<1	<1	413	40	36	34	24.8	0.6	3.51	0.64	3.53	0.69
		17	<4											
CU	1775	5	<2	<2	162	18	16	17	12.9	0.7	2.76	0.57	2.76	0.54
FE	1780			0.45	793.00	4.84	3.04	3.11	24.918	5.145	1.14	0.52	1.12	0.39
HF	59	1702	<15	<15	39	19	<15	<15	5.2	0.3	2.96	0.23		
K	1780			0.14	27.20	1.40	1.38	1.37	0.832	0.595	0.29	0.29	0.30	0.24
LA	1759	2	<2	<2	135	26	23	19	12.6	0.5	3.18	0.42	3.18	0.42
LI	1778	2	<2	<2	1779	32	28	25	51.4	1.6	3.33	0.44	3.33	0.39
MG	1780			0.05	2783.00	3.36	0.98	0.99	68.971	20.505	-0.04	0.54	-0.05	0.43
MN	1780			2	2121	576	550	562	261.1	0.5	6.23	0.61	6.27	0.46
MO	224	1556	<4	<4	4667	49	<4	<4	377.4	7.7	2.01	0.90		
NA	1779	1	<0.05	<0.05	45200.00	36.62	1.79	1.77	1089.532	29.753	0.59	0.56	0.58	0.25
NB	1762	18	<4	<4	80	11	10	10	6.3	0.5	2.35	0.42	2.33	0.45
NI	1766	6	<2	<2	227	23	18	14	17.0	0.7	2.91	0.69	2.91	0.71
		8	<4											
P	1766	14	<40	<40	46871	902	797	660	1185.6	1.3	6.67	0.50	6.66	0.47
PB	1136	625	<10	<10	851	25	13	<10	43.4	1.7	2.95	0.57	2.54	0.72
SC	1769	11	<1	<1	41	9	9	7	4.6	0.5	2.20	0.43	2.19	0.45
SR	1780			24	45622	375	312	301	1134.5	3.0	5.77	0.41	5.77	0.31
TH	1673	89	<2	<2	72	10	9	7	6.8	0.7	2.19	0.57	2.17	0.57
		18	<5											
TI	1775	5	<2	<2	29384	3850	3477	3045	1962.0	0.5	8.13	0.69	8.17	0.38
V	1769	11	<4	<4	453	95	80	78	36.9	0.4	4.37	0.43	4.38	0.41
Y	1767	13	<1	<1	96	17	16	15	7.3	0.4	2.80	0.38	2.80	0.34
ZN	1780			4	760	93	83	82	41.7	0.5	4.41	0.40	4.42	0.35
ZR	1762	18	<2	<2	235	24	24	25	12.0	0.5	3.13	0.40	3.13	0.39

Table 4

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	CJND	ALK	SIZE	WIDL	S-DE	DDOP	CON1	CON2	CUN3	FUR4
BFAA001	35.935	119.900	07	40980				3	1	1			3	7	QTRN
BFAA002	35.593	119.879	07	40980				4	1	1			3	7	QTRN
BFAA003	35.570	119.878	07	40980				4	1	1			3	7	QTRN
BFAA004	35.949	119.879	07	40980				4	1	1			3	7	QTRN
BFAA005			07	40980				4	1	1			3	7	QTRN
BFAA006	35.935	119.861	07	40980				4	1	1			3	7	QTRN
BFAA007			07	40980				4	1	1			3	7	QTRN
BFAA008	35.978	119.853	07	40980				4	1	1			3	7	QTRN
BFAA009	35.913	119.861	07	40980				4	1	1			3	7	QTRN
BFAA010	35.540	119.824	07	40980				4	1	1			3	7	QTRN
BFAA011	35.563	119.823	07	40980				4	1	1			3	7	QTRN
BFAA012	35.986	119.823	07	40980				4	1	1			3	7	QTRN
BFAA013	35.564	119.805	07	40980				4	1	1			3	7	QTRN
BFAA014	35.920	119.825	07	40980				4	1	1			3	7	QTRN
BFAA015	35.898	119.825	07	40980				4	1	1			3	7	QTRN
BFAA016	35.877	119.825	07	40980				4	1	1			3	7	QTRN
BFAA017	35.878	119.789	07	40980				4	1	1			3	7	QTRN
BFAA018	35.899	119.789	07	40980				4	1	1			3	7	QTRN
BFAA019	35.519	119.788	07	40980				4	1	1			3	7	QTRN
BFAA020	35.612	119.752	07	40980				4	1	1			3	7	QTRN
BFAA021	35.898	119.752	07	40980				4	1	1			3	7	QTRN
BFAA022	35.877	119.753	07	40980				4	1	1			3	7	QTRN
BFAA023	35.941	119.754	07	40980				4	1	1			3	7	QTRN
BFAA024			07	40980				4	1	1			3	7	QTRN
BFAA025	35.986	119.754	07	40980				4	1	1			3	7	QTRN
BFAA026	35.950	119.780	07	40980				4	1	1			3	7	QTRN
BFAA027	35.935	119.923	07	40980				4	1	1			3	7	QTRN
BFAA028	35.932	119.949	07	40980				4	1	1		8	3	7	QTRN
BFAA029	35.920	119.966	06	40980				3	1	1		3	7	9	QTRN
BFAA030	35.897	119.967	07	40980				4	1	1		9	7	8	QTRN
BFAA031	35.881	119.939	07	40980				4	1	1		7	9	9	QTRN
BFAA032	35.956	119.969	07	40980				4	1	1		7	9	9	QTRN
BFAA033	35.956	119.991	07	40980				3	1	1		7	9	9	QTRN
BFAA034	35.976	119.973	07	40980				4	1	1		7	9	8	QTRN
BFAA035	35.913	119.915	07	40980				4	1	1			3	7	QTRN
BFAA036	35.889	119.915	07	40980				3	1	1		3	7	8	QTRN
BFAA037	35.868	119.915	07	40980				4	1	1		3	7	9	QTRN
BFAA038	35.861	119.889	07	40980				4	1	1			3	7	QTRN
BFAA039	35.861	119.871	07	40980				4	1	1			3	7	QTRN
BFAA040	35.841	119.878	07	40980				4	1	1			3	7	QTRN
BFAA041	35.832	119.864	07	40980				4	1	1			3	7	QTRN
BFAA042	35.833	119.839	07	40980				4	1	1			3	7	QTRN
BFAA043	35.819	119.899	07	40980				4	1	1			3	7	QTRN
BFAA044	35.803	119.862	07	40980				4	1	1			3	7	QTRN
BFAA045	35.803	119.826	07	40980				4	1	1			3	7	QTRN
BFAA046	35.789	119.808	07	40980				4	1	1			3	7	QTRN
BFAA047	35.761	119.790	07	40980				4	1	1			3	7	QTRN
BFAA048	35.761	119.825	07	40980				4	1	1			3	7	QTRN
BFAA049	35.779	119.848	07	40980				4	1	1			3	7	QTRN
BFAA050	35.850	119.915	07	40980				3	1	1		8	3	7	QTRN
BFAA051	35.828	119.911	07	40980				4	1	1		3	7	8	QTRN
BFAA052	35.810	119.900	07	40980				4	1	1		3	7	9	QTRN
BFAA053	35.790	119.889	07	40980				4	1	1		3	7	8	QTRN
BFAA054	35.776	119.868	07	40980				4	1	1		3	7	9	QTRN
BFAA055	35.753	119.868	07	40980				4	1	1		8	3	7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYF	FLOW	SLVL	REL	TVEG	DVEG	MAP	U-FL	U-HT	AG	AL
BFAA001	10		24.00	10	1	1	1	4	1	N11101	1.50		<2	7.06
BFAA002	10		32.00	10	1	1	1	1	2	N11101	4.12		<2	5.78
BFAA003	10		34.00	10	1	1	1	1	2	N11101	5.57		<2	5.75
BFAA004	10		24.00	10	1	1	1	1	2	N11101	2.05		<2	6.51
BFAA005	10		26.00	10	1	1	1	1	1		1.49		<2	7.32
BFAA006	10		22.00	10	1	1	1	1	1	N11101	1.25		<2	6.89
BFAA007	10		26.00	10	1	1	1	1	2		4.15		<2	6.46
BFAA008	10		30.00	10	1	1	1	1	2	N11101	4.72		<2	5.84
BFAA009	10		25.00	10	1	1	1	1	1	N11101	1.47		<2	7.07
BFAA010	10		22.00	10	1	1	1	4	1	N11101	2.33		<2	7.12
BFAA011	10		34.00	10	1	1	1	1	2	N11101	4.54		<2	3.95
BFAA012	10		28.00	10	1	1	1	1	2	N11101	3.73		<2	6.03
BFAA013	10		28.00	10	1	1	1	1	2	N11101	4.23		<2	6.28
BFAA014	10		24.00	10	1	1	1	1	1	N11101	1.48		<2	6.54
BFAA015	10		22.00	10	1	1	1	1	2	N11101	1.55		<2	6.77
BFAA016	10		25.00	10	1	1	1	1	2	N11101	1.55		<2	6.90
BFAA017	10		30.00	10	1	1	1	1	2	N11101	1.59		<2	6.40
BFAA018	10		28.00	10	1	1	1	1	2	N11101	1.54		<2	6.77
BFAA019	10		20.00	10	1	1	1	1	2	N11101	1.35		<2	6.77
BFAA020	10		24.00	10	1	1	1	4	1	N11101	3.36		<2	7.10
BFAA021	10		28.00	10	1	1	1	1	2	N11101	3.30		<2	6.93
BFAA022	10		38.00	10	1	1	1	6	1	N11101	3.05		<2	7.61
BFAA023	10		28.00	10	1	1	1	1	2	N11101	2.82		<2	6.96
BFAA024	10		35.00	10	1	1	1	1	2		3.82		<2	6.85
BFAA025	10		28.00	10	1	1	1	1	2	N11101	3.74		<2	6.20
BFAA026	10		30.00	10	1	1	1	1	1	N11101	2.07		<2	7.31
BFAA027	10		22.00	10	1	1	1	1	1	N11101	1.79		<2	7.44
BFAA028	10		25.00	10	1	1	2	4	2	N11101	2.34		<2	6.79
BFAA029	10		19.00	10	1	1	2	4	2	N11101	1.86		<2	5.80
BFAA030	10		25.00	10	1	1	2	4	2	N11101	1.72		<2	6.74
BFAA031	10		22.00	10	1	1	2	4	2	N11101	2.17		<2	7.58
BFAA032	10		20.00	10	1	1	2	4	2	N11101	1.43		<2	6.76
BFAA033	10		22.00	10	1	1	2	4	2	N11101	1.68		<2	7.34
BFAA034	10		34.00	10	1	1	2	4	2	N11101	1.59		<2	6.83
BFAA035	10		34.00	10	1	1	1	1	1	N11101	0.85		<2	6.75
BFAA036	10		32.00	10	1	1	2	4	2	N11101	0.62		<2	7.44
BFAA037	10		30.00	10	1	1	2	4	2	N11101	1.03		<2	7.21
BFAA038	10		30.00	10	1	1	1	1	2	N11101	0.39		<2	7.17
BFAA039	10		28.00	10	1	1	1	1	2	N11101	0.49		<2	7.13
BFAA040	10		32.00	10	1	1	1	1	1	N11101	0.73		<2	6.93
BFAA041	10		27.00	10	1	1	1	1	2	N11101	1.02		<2	7.04
BFAA042	10		28.00	10	1	1	1	1	1	N11101	0.79		<2	6.98
BFAA043	10		26.00	10	1	1	1	1	2	N11101	0.86		<2	7.21
BFAA044	10		31.00	10	1	1	1	1	2	N11101	0.73		<2	6.76
BFAA045	10		34.00	10	1	1	1	1	2	N11101	0.62		<2	6.90
BFAA046	10		30.00	10	1	1	1	1	2	N11101	0.64		<2	6.59
BFAA047	10		32.00	10	1	1	1	1	1	N11101	0.76		<2	6.47
BFAA048	10		32.00	10	1	1	1	1	2	N11101	1.16		<2	6.47
BFAA049	10		24.00	10	1	1	1	1	2	N11101	1.20		<2	6.52
BFAA050	10		24.00	10	1	1	2	4	2	N11101	1.23		<2	7.11
BFAA051	10		31.00	10	1	1	2	4	2	N11101	0.70		<2	6.61
BFAA052	10		26.00	10	1	1	2	4	2	N11101	1.01		<2	7.29
BFAA053	10		24.00	10	1	1	2	4	2	N11101	0.96		<2	6.79
BFAA054	10		22.00	10	1	1	1	4	2	N11101	3.03		<2	6.75
BFAA055	10		30.00	10	1	1	1	1	2	N11101	2.34		<2	5.97

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFAA001	22	599	1	2.37	30	11	78	13	2.65	<15	1.08	14	18	1.01	489
BFAA002	72	463	1	6.50	45	13	68	32	3.03	<15	1.08	21	57	1.61	721
BFAA003	75	466	1	5.73	45	14	69	36	2.78	<15	1.03	20	51	1.42	643
BFAA004	47	604	1	2.24	35	13	85	23	2.93	<15	1.01	15	31	1.29	492
BFAA005	34	641	1	2.16	32	10	73	16	2.65	<15	1.20	13	23	1.07	435
BFAA006	34	630	1	2.40	30	9	64	14	2.71	<15	1.19	13	23	1.06	375
BFAA007	62	532	1	3.62	35	13	82	32	2.53	<15	1.14	16	46	1.28	467
BFAA008	51	462	1	5.88	51	13	64	33	2.62	<15	1.06	22	50	1.28	773
BFAA009	25	819	1	2.04	34	9	83	17	2.65	<15	1.20	15	23	1.01	414
BFAA010	20	1782	1	2.20	37	11	69	20	2.63	<15	1.24	14	31	1.23	410
BFAA011	68	646	1	5.83	39	13	73	34	2.72	<15	1.03	19	49	1.38	671
BFAA012	66	630	1	5.83	40	12	69	27	2.30	<15	1.06	18	46	1.38	597
BFAA013	74	510	1	5.55	47	13	67	34	3.76	<15	1.16	22	54	1.41	636
BFAA014	32	716	1	2.35	36	9	80	15	2.64	<15	1.08	15	24	1.15	354
BFAA015	33	713	1	1.93	36	10	83	17	3.01	<15	1.14	15	22	1.02	438
BFAA016	43	700	1	1.99	30	11	89	22	3.14	<15	1.14	14	28	1.26	475
BFAA017	28	636	1	3.24	30	7	56	13	1.91	<15	1.03	13	24	0.91	273
BFAA018	32	625	1	2.64	28	8	55	13	2.60	<15	1.17	14	25	0.99	283
BFAA019	26	609	1	2.65	30	8	56	9	1.96	<15	1.14	13	20	0.94	350
BFAA020	39	609	1	3.72	50	10	56	24	2.76	<15	1.35	23	33	1.01	395
BFAA021	36	593	1	3.23	47	10	62	27	3.01	<15	1.23	23	39	1.19	394
BFAA022	30	677	2	2.36	54	8	36	19	2.40	<15	1.70	27	32	0.91	405
BFAA023	36	593	1	2.95	58	8	42	18	2.42	<15	1.36	28	27	0.92	410
BFAA024	30	582	1	3.81	51	9	48	22	2.76	<15	1.28	25	36	1.02	510
BFAA025	74	527	1	6.14	44	12	63	33	2.48	<15	1.28	20	59	1.52	628
BFAA026	17	628	1	2.29	48	4	30	8	1.61	<15	1.51	23	17	0.55	305
BFAA027	24	618	1	2.09	30	13	83	23	3.49	<15	1.22	14	30	1.34	539
BFAA028	32	803	1	1.82	32	13	89	23	2.53	<15	1.18	15	31	1.25	479
BFAA029	11	452	1	2.83	50	24	204	17	9.27	<15	0.71	20	17	1.65	1091
BFAA030	16	575	1	3.55	37	19	102	18	4.60	<15	0.60	15	22	1.81	822
BFAA031	86	588	1	3.48	37	13	79	32	3.54	<15	1.01	16	32	1.27	363
BFAA032	21	647	1	2.30	37	15	96	21	4.11	<15	1.09	16	28	1.40	635
BFAA033	34	716	1	2.30	36	13	94	25	3.65	<15	1.21	15	33	1.52	555
BFAA034	24	579	1	2.61	38	16	101	19	4.37	<15	0.86	17	21	1.47	657
BFAA035	13	685	1	4.21	28	11	73	22	2.05	<15	1.04	13	32	1.29	420
BFAA036	36	630	1	2.76	37	14	86	17	2.76	<15	1.08	16	25	1.29	613
BFAA037	26	569	1	3.84	33	14	83	18	3.90	<15	0.91	13	29	1.49	642
BFAA038	53	565	1	1.50	30	16	108	42	4.66	<15	1.27	13	51	1.74	590
BFAA039	47	578	1	1.75	25	15	98	34	3.70	<15	1.17	12	45	1.62	522
BFAA040	36	587	1	2.36	28	14	95	33	2.51	<15	1.17	12	44	1.56	548
BFAA041	37	600	1	2.04	30	14	95	31	3.60	<15	1.12	13	42	1.48	559
BFAA042	59	603	1	1.68	28	14	92	31	3.35	<15	1.21	12	41	1.58	491
BFAA043	39	611	1	2.15	29	11	71	29	3.15	<15	1.21	14	29	1.18	500
BFAA044	30	583	1	2.00	34	10	76	18	2.16	<15	1.13	14	22	1.08	450
BFAA045	34	593	1	1.65	32	9	79	21	2.77	<15	1.36	15	29	1.00	401
BFAA046	38	559	1	1.68	34	14	93	38	3.53	<15	1.16	15	38	1.50	488
BFAA047	42	601	1	1.60	29	9	68	25	2.78	<15	1.41	12	35	1.11	363
BFAA048	46	583	1	2.31	36	11	80	34	2.12	<15	1.22	16	39	1.28	421
BFAA049	40	588	1	2.14	32	9	71	25	2.83	<15	1.29	15	33	1.09	369
BFAA050	25	613	1	3.13	38	14	90	22	3.78	<15	0.93	16	30	1.51	582
BFAA051	39	1279	1	2.82	29	12	31	25	3.11	<15	1.14	14	33	1.18	506
BFAA052	34	595	1	2.46	35	12	82	21	3.90	<15	1.12	16	29	1.26	535
BFAA053	74	638	1	2.93	33	12	80	20	3.59	<15	1.15	17	29	1.41	467
BFAA054	34	596	1	2.45	34	11	74	24	3.26	<15	1.10	16	27	1.21	442
BFAA055	45	563	1	1.44	20	9	61	23	2.56	<15	1.23	12	29	1.01	360

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NH	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFAA001	<4	1.77	9	43	481	<10	9	425	2	3525	103	10	61	35
BFAA002	4	0.76	10	60	1068	<10	10	432	10	2627	106	12	98	23
BFAA003	11	0.91	9	63	1014	14	10	384	13	2616	105	12	93	39
BFAA004	<4	1.79	6	73	615	13	9	320	11	3049	92	11	65	33
BFAA005	<4	1.93	5	46	473	<10	9	412	<2	3091	97	10	64	35
BFAA006	<4	1.89	5	42	640	12	8	410	5	2740	73	10	62	30
BFAA007	6	1.27	7	67	828	10	11	326	5	2937	107	12	77	36
BFAA008	8	0.73	10	57	1033	14	10	352	11	2707	103	12	85	28
BFAA009	<4	1.85	6	49	450	<10	9	383	5	3197	96	10	71	34
BFAA010	<4	2.27	9	62	456	<10	8	361	5	3050	79	11	63	30
BFAA011	6	0.81	9	61	1118	15	10	381	11	2755	104	12	101	29
BFAA012	<4	0.99	9	50	950	<10	9	446	5	2756	95	12	76	29
BFAA013	<4	0.87	10	58	1092	<10	10	394	10	2877	104	12	127	20
BFAA014	<4	1.66	7	47	638	16	8	374	6	2908	81	11	110	32
BFAA015	<4	1.76	7	50	476	14	9	350	5	3362	101	10	98	37
BFAA016	<4	1.63	6	62	564	13	10	342	5	3118	99	11	84	36
BFAA017	<4	1.73	6	33	537	22	7	444	5	2410	63	9	41	29
BFAA018	<4	1.90	6	34	605	<10	7	424	<2	2305	62	10	49	30
BFAA019	<4	1.93	6	30	495	<10	7	432	4	2759	64	10	56	23
BFAA020	<4	1.66	9	36	812	<10	9	401	5	2979	81	13	69	32
BFAA021	<4	1.50	9	45	828	10	9	427	6	2930	88	13	71	32
BFAA022	<4	2.20	11	29	724	16	8	404	9	3115	71	14	61	24
BFAA023	<4	1.80	11	34	713	15	8	404	11	2924	70	14	70	24
BFAA024	4	1.69	10	38	874	11	8	407	11	2962	80	12	64	28
BFAA025	<4	0.99	9	56	1031	<10	9	465	12	2780	99	12	84	29
BFAA026	<4	2.30	10	16	472	17	6	439	9	2589	52	12	34	24
BFAA027	<4	1.65	5	60	613	<10	11	373	4	3226	108	12	75	44
BFAA028	<4	1.56	5	63	625	19	11	348	5	3270	105	12	72	44
BFAA029	<4	1.36	13	57	724	12	16	383	9	10422	387	14	133	52
BFAA030	<4	1.50	9	51	775	15	14	455	10	4664	172	12	94	50
BFAA031	<4	1.57	8	61	729	11	12	435	5	3395	121	11	86	50
BFAA032	<4	1.59	7	63	701	27	12	370	8	3888	133	12	88	49
BFAA033	<4	1.57	7	68	751	39	11	360	2	3536	119	12	80	49
BFAA034	<4	1.43	7	58	644	207	12	411	9	4296	155	12	86	47
BFAA035	<4	1.52	6	55	554	<10	9	391	5	3087	102	11	62	29
BFAA036	<4	1.74	7	53	574	16	11	456	10	3860	129	12	72	44
BFAA037	<4	1.70	3	48	744	11	12	476	2	3851	138	13	73	45
BFAA038	<4	1.40	6	104	582	12	13	222	3	3321	129	13	90	43
BFAA039	<4	1.54	6	94	525	<10	12	257	<2	3092	119	12	76	37
BFAA040	<4	1.55	6	88	648	<10	11	282	3	3195	108	12	108	37
BFAA041	<4	1.65	6	79	565	<10	11	277	3	3444	109	12	79	40
BFAA042	<4	1.57	5	88	488	<10	11	253	<2	2793	99	11	70	37
BFAA043	<4	1.70	6	53	555	11	10	374	<2	3016	96	11	62	40
BFAA044	<4	1.58	7	45	505	10	9	348	6	3304	103	11	61	37
BFAA045	<4	1.89	6	50	477	<10	9	306	3	2990	89	10	58	34
BFAA046	<4	1.20	6	82	556	16	12	224	11	2895	110	12	76	37
BFAA047	<4	1.48	6	52	555	<10	9	247	5	2543	90	11	62	31
BFAA048	4	1.36	7	62	765	<10	10	315	6	2710	106	12	74	36
BFAA049	<4	1.52	7	50	628	<10	9	268	7	2799	93	11	63	34
BFAA050	<4	1.53	8	65	517	17	12	419	4	3752	125	12	72	45
BFAA051	<4	1.54	6	67	582	22	10	510	6	3062	99	12	78	42
BFAA052	<4	1.61	6	49	572	12	11	409	4	3710	127	13	73	46
BFAA053	<4	1.49	7	51	585	22	10	377	<2	3468	112	12	69	44
BFAA054	<4	1.42	7	49	549	27	10	300	9	3155	107	12	69	39
BFAA055	<4	1.27	4	45	599	10	8	211	4	2308	80	10	67	30

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	DUOR	CON1	CON2	CON3	FORM
BFAA056	35.760	119.884	07	40980				7	1	1			3	7	QTRN
BFAA057	35.759	119.912	07	40980				4	1	1			3	7	QTRN
BFAA058	35.843	119.941	07	40980				4	1	1		3	7	8	QTRN
BFAA059	35.852	119.971	07	40980				4	1	1		3	7	8	QTRN
BFAA060	35.828	119.964	07	40980				4	1	1			3	7	QTRN
BFAA061	35.808	119.959	07	40980				4	1	1			3	7	QTRN
BFAA062	35.789	119.974	07	40980				4	1	1			3	7	QTRN
BFAA063	35.769	119.975	07	40980				4	1	1			3	7	QTRN
BFAA064	35.757	119.962	07	40980				4	1	1			3	7	QTRN
BFAA065	35.808	119.997	07	40980				4	1	1		3	7	8	MSZC
BFAA066	35.954	119.925	07	40980				4	1	1		8	3	7	QTRN
BFAA067	35.977	119.947	07	40980				4	1	1		8	3	7	QTRN
BFAA068	35.909	119.885	07	40980				4	1	1			3	7	QTRN
BFAA069	35.895	119.874	07	40980				4	1	1			3	7	QTRN
BFAA070	35.879	119.855	07	40980				4	1	1			3	7	QTRN
BFAA071	35.862	119.840	07	40980				4	1	1			3	7	QTRN
BFAA072	35.831	119.814	07	40980				4	1	1		8	3	7	QTRN
BFAA073	35.811	119.798	07	40980				4	1	1		8	3	7	QTRN
BFAA074	35.792	119.784	07	40980				4	1	1		8	3	7	QTRN
BFAA075	35.772	119.769	07	40980				4	1	1		9	3	7	QTRN
BFAA076			07	40980				4	1	1		3	7	8	QTRN
BFA001	35.888	119.525	07	40180				3	1	1				7	QTRN
BFA002	35.892	119.555	07	40180				3	1	1				7	QTRN
BFA003	35.877	119.591	07	40180				3	1	1				7	QTRN
BFA004	35.890	119.616	07	40180				3	1	1				7	QTRN
BFA005	35.921	119.617	07	40180				3	1	1				7	QTRN
BFA006	35.919	119.589	07	40180				3	1	1				7	QTRN
BFA007	35.928	119.562	07	40180				3	1	1				7	QTRN
BFA008	35.920	119.519	07	40180				3	1	1				7	QTRN
BFA009	35.948	119.519	07	40180				3	1	1				7	QTRN
BFA010	35.948	119.554	07	40180				3	1	1				7	QTRN
BFA011	35.950	119.591	07	40180				3	1	1				7	QTRN
BFA012	35.950	119.615	07	40180				3	1	1				7	QTRN
BFA013	35.977	119.590	07	40180				3	1	1				7	QTRN
BFA014	35.977	119.616	07	40180				3	1	1				7	QTRN
BFA015	35.977	119.552	07	40180				3	1	1				7	QTRN
BFA016	35.978	119.519	07	40180				3	1	1				7	QTRN
BFA017	35.997	119.518	07	40180				3	1	1				7	QTRN
BFA018	35.996	119.570	07	40180				3	1	1				7	QTRN
BFA019	35.996	119.591	07	40180				3	1	1				7	QTRN
BFA020	35.996	119.616	07	40180				3	1	1				7	QTRN
BFA021	35.999	119.633	07	40180				3	1	1				7	QTRN
BFA022	35.978	119.631	07	40180				3	1	1				7	QTRN
BFA023	35.979	119.659	07	40180				3	1	1				7	QTRN
BFA024	35.977	119.694	07	40180				3	1	1				7	QTRN
BFA025	35.995	119.695	07	40180				3	1	1				7	QTRN
BFA026	35.994	119.732	07	40180				3	1	1				7	QTRN
BFA027	35.978	119.731	07	40180				3	1	1				7	QTRN
BFA028	35.952	119.631	07	40180				3	1	1				7	QTRN
BFA029	35.951	119.664	07	40180				3	1	1				7	QTRN
BFA030	35.949	119.696	07	40180				3	1	1				7	QTRN
BFA031	35.948	119.735	07	41180				3	1	1				7	QTRN
BFA032	35.921	119.633	07	40180				3	1	1				7	QTRN
BFA033	35.891	119.635	07	40180				3	1	1				7	QTRN
BFA034	35.892	119.662	07	40180				3	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	S_LVL	SELF	TVEG	DVEG	NAP	U-FL	U-HT	AG	AL
BFAA056	10		24.00	10	1	1	2	1	2	HI1101	1.39		<2	6.83
BFAA057	10		34.00	10	1	1	2	1	1	HI1101	1.60		<2	6.27
BFAA058	10		27.00	10	1	1	2	4	2	HI1101	2.26		<2	7.07
BFAA059	10		32.00	10	1	1	2	4	2	HI1101	1.63		<2	7.32
BFAA060	10		26.00	10	1	1	1	1	2	HI1101	1.48		<2	7.57
BFAA061	10		34.00	10	1	1	1	1	2	HI1101	2.20		<2	7.02
BFAA062	10		27.00	10	1	1	1	1	2	HI1101	3.26		<2	7.79
BFAA063	10		20.00	10	1	1	1	1	1	HI1101	2.29		<2	7.04
BFAA064	10		22.00	10	1	1	1	1	1	HI1101	1.92		<2	7.64
BFAA065	10		25.00	01	1	1	2	4	2	HI1101	2.79		<2	6.39
BFAA066	10		25.00	10	1	1	1	4	2	HI1101	1.60		<2	7.22
BFAA067	10		27.00	10	1	1	2	4	1	HI1101	2.14		<2	6.97
BFAA068	10		25.00	10	1	1	1	1	1	HI1101	1.55		<2	7.55
BFAA069	10		26.00	10	1	1	1	4	1	HI1101	1.26		<2	7.23
BFAA070	10		26.00	10	1	1	1	4	1	HI1101	1.74		<2	7.42
BFAA071	10		24.00	10	1	1	1	4	2	HI1101	1.52		<2	7.49
BFAA072	10		25.00	10	1	1	1	4	1	HI1101	1.42		<2	7.36
BFAA073	10		29.00	10	1	1	1	4	2	HI1101	2.63		<2	6.43
BFAA074	10		23.00	10	1	1	1	4	2	HI1101	2.04		<2	6.74
BFAA075	10		24.00	10	1	1	1	4	2	HI1101	1.70		<2	6.95
BFAA076	10		29.00	10	1	1	1	4	2		1.37		<2	6.51
BFAB001	10		30.00	10	1	1	1	4	2	HI1101	4.59		<2	7.79
BFAB002	10		55.00	10	1	1	1	4	2	HI1101	3.66		<2	7.49
BFAB003	10		45.00	10	1	1	1	4	2	HI1101	3.87		<2	7.55
BFAB004	10		50.00	10	1	1	1	4	2	HI1101	4.41		<2	7.68
BFAB005	10		40.00	10	1	1	1	4	2	HI1101	2.59		<2	7.62
BFAB006	10		45.00	10	1	1	1	4	2	HI1101	3.52		<2	7.34
BFAB007	10		45.00	10	1	1	1	4	2	HI1101	4.51		<2	7.46
BFAB008	10		35.00	10	1	1	1	4	2	HI1101	2.91		<2	6.79
BFAB009	10		40.00	10	1	1	1	4	2	HI1101	3.00		<2	6.66
BFAB010	10		35.00	10	1	1	1	4	2	HI1101	3.02		<2	6.87
BFAB011	10		35.00	10	1	1	1	4	2	HI1101	4.25		<2	7.18
BFAB012	10		35.00	10	1	1	1	4	2	HI1101	3.42		<2	6.01
BFAB013	10		30.00	10	1	1	1	4	2	HI1101	3.85		<2	6.25
BFAB014	10		30.00	10	1	1	1	4	2	HI1101	3.52		<2	6.95
BFAB015	10		30.00	10	1	1	1	4	2	HI1101	9.43		<2	6.45
BFAB016	10		40.00	10	1	1	1	4	2	HI1101	2.74		<2	7.59
BFAB017	10		35.00	10	1	1	1	4	2	HI1101	2.06		<2	6.25
BFAB018	10		30.00	10	1	1	1	4	2	HI1101	2.41		<2	7.49
BFAB019	10		30.00	10	1	1	1	4	2	HI1101	2.64		<2	7.29
BFAB020	10		35.00	10	1	1	1	4	2	HI1101	3.09		<2	6.20
BFAB021	10		40.00	10	1	1	1	4	2	HI1101	3.28		<2	6.62
BFAB022	10		35.00	10	1	1	1	4	2	HI1101	3.85		<2	6.16
BFAB023	10		35.00	10	1	1	1	4	2	HI1101	4.82		<2	6.50
BFAB024	10		25.00	10	1	1	1	4	2	HI1101	5.52		<2	6.76
BFAB025	10		25.00	10	1	1	1	4	2	HI1101	3.72		<2	6.85
BFAB026	10		35.00	10	1	1	1	4	2	HI1101	3.75		<2	6.08
BFAB027	10		30.00	10	1	1	1	4	2	HI1101	3.27		<2	6.99
BFAB028	10		35.00	10	1	1	1	4	2	HI1101	4.47		<2	6.92
BFAB029	10		35.00	10	1	1	1	4	2	HI1101	3.44		<2	6.40
BFAB030	10		35.00	10	1	1	1	4	2	HI1101	2.99		<2	7.77
BFAB031	10		25.00	10	1	1	1	4	2	HI1101	4.74		<2	7.57
BFAB032	10		35.00	10	1	1	1	4	2	HI1101	3.48		<2	7.27
BFAB033	10		45.00	10	1	1	1	4	2	HI1101	4.50		<2	7.92
BFAB034	10		40.00	10	1	1	1	4	2	HI1101	5.22		<2	7.66

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFAA056	28	623	1	2.04	24	9	76	15	2.56	<15	1.16	12	21	1.06	417
BFAA057	29	524	1	1.38	31	10	72	22	2.58	<15	0.97	15	25	1.01	400
BFAA058	37	685	1	2.09	29	13	82	28	3.76	<15	1.23	14	36	1.36	526
BFAA059	27	649	1	2.04	31	11	75	24	3.18	<15	1.27	13	29	1.15	490
BFAA060	51	578	1	1.36	31	17	109	41	4.22	<15	1.20	14	51	1.83	648
BFAA061	38	628	1	1.71	35	13	96	27	3.33	<15	1.13	16	32	1.36	491
BFAA062	60	609	1	1.38	38	19	128	48	4.47	<15	1.24	16	60	2.11	678
BFAA063	51	592	1	1.64	32	16	112	35	3.06	<15	1.08	13	44	1.69	603
BFAA064	58	627	1	1.42	32	17	117	42	4.18	<15	1.23	13	57	1.78	628
BFAA065	23	605	1	3.55	40	12	77	22	3.54	<15	0.99	17	34	1.41	443
BFAA066	26	656	1	1.92	36	10	71	29	2.60	<15	1.20	16	25	1.07	502
BFAA067	36	730	1	3.53	33	13	77	22	3.00	<15	1.05	15	26	1.26	481
BFAA068	33	629	1	2.10	27	11	82	21	3.25	<15	1.22	13	28	1.24	456
BFAA069	25	610	1	2.22	28	11	76	19	3.18	<15	1.09	13	25	1.19	491
BFAA070	43	671	1	1.72	32	14	94	21	2.61	<15	1.22	14	38	1.49	610
BFAA071	57	596	1	1.55	30	16	101	37	3.73	<15	1.17	13	46	1.74	589
BFAA072	63	629	1	1.48	33	11	93	25	3.16	<15	1.27	15	33	1.22	478
BFAA073	126	666	1	1.61	23	9	66	27	2.63	<15	1.28	13	33	1.25	424
BFAA074	57	624	1	1.65	26	12	85	31	2.12	<15	1.17	13	35	1.36	459
BFAA075	33	653	1	1.41	24	8	66	24	2.58	<15	1.41	12	28	1.01	250
BFAA076	30	725	1	1.18	16	5	39	13	1.71	<15	1.68	9	22	0.62	240
BFA001	46	655	2	2.38	54	9	39	28	2.04	<15	1.56	29	40	0.99	390
BFA002	42	663	2	2.94	60	7	27	18	2.27	<15	1.59	30	34	0.99	409
BFA003	24	670	2	2.65	71	6	18	11	1.92	<15	1.57	36	22	0.76	409
BFA004	29	692	2	2.81	63	6	23	20	2.11	<15	1.58	32	28	0.86	408
BFA005	22	665	2	2.41	54	7	22	13	2.06	<15	1.60	28	25	0.71	365
BFA006	41	642	1	3.12	60	9	48	26	2.54	<15	1.37	28	38	1.05	359
BFA007	62	628	1	2.55	58	11	53	34	3.28	<15	1.34	27	42	1.13	406
BFA008	56	614	1	4.75	39	9	51	32	3.06	<15	1.32	21	47	1.45	447
BFA009	52	609	1	3.51	46	8	42	22	2.69	<15	1.14	24	35	1.15	398
BFA010	57	613	1	4.80	48	10	51	28	3.06	<15	1.32	24	46	1.33	487
BFA011	43	611	1	3.46	50	8	41	25	2.71	<15	1.37	25	36	1.01	420
BFA012	68	454	1	6.76	38	9	50	28	2.71	<15	0.70	18	38	1.25	506
BFA013	35	554	1	5.78	47	11	52	31	2.88	<15	1.10	22	42	1.21	507
BFA014	64	526	1	7.08	36	9	48	27	2.78	<15	1.13	18	44	1.21	525
BFA015	102	507	1	5.97	43	9	48	26	2.67	<15	1.14	20	42	1.64	510
BFA016	48	647	1	3.46	52	8	45	26	3.26	<15	1.51	25	46	1.13	441
BFA017	24	669	2	2.64	51	10	36	14	3.13	<15	1.38	25	35	1.08	527
BFA018	24	619	1	3.40	53	9	38	28	3.00	<15	1.39	26	35	1.12	498
BFA019	47	588	1	4.61	43	10	54	29	3.29	<15	1.40	22	52	1.27	483
BFA020	39	542	1	6.21	44	10	54	22	3.14	<15	1.10	22	44	1.30	530
BFA021	48	582	1	5.15	55	10	51	22	3.08	<15	1.16	25	41	1.20	499
BFA022	55	533	1	5.50	43	9	49	29	2.03	<15	1.15	21	46	1.29	488
BFA023	51	535	1	5.27	41	10	51	145	3.33	17	1.21	20	53	1.59	596
BFA024	42	578	1	4.98	45	10	49	30	3.69	<15	1.24	23	44	1.18	599
BFA025	49	596	1	4.13	42	8	38	22	2.49	<15	1.39	22	35	1.00	466
BFA026	73	534	1	6.37	46	10	54	21	3.02	<15	1.21	21	49	1.31	615
BFA027	48	521	1	6.64	42	10	52	30	3.01	<15	1.18	20	46	1.29	591
BFA028	69	559	1	3.75	62	12	61	38	3.39	<15	1.21	28	45	1.18	461
BFA029	57	621	1	6.25	50	9	46	24	2.63	<15	1.25	23	42	1.15	568
BFA030	33	652	2	2.11	66	6	17	12	1.91	<15	1.73	32	20	0.61	383
BFA031	48	605	2	3.01	56	8	35	18	2.27	<15	1.68	31	28	0.87	475
BFA032	57	612	2	3.32	55	7	32	18	2.28	<15	1.54	28	30	0.90	406
BFA033	38	720	2	2.82	54	5	20	15	2.01	<15	1.83	28	30	0.82	389
BFA034	54	646	2	3.00	70	7	22	16	2.30	17	1.81	36	34	0.92	441

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PH	SC	SR	TH	TI	V	Y	ZN	ZR
BFAA056	<4	1.69	6	42	443	13	8	339	<2	2115	94	10	53	36
BFAA057	<4	1.15	6	51	389	14	9	245	11	2837	88	12	65	39
BFAA058	<4	1.45	6	64	667	14	10	306	5	3195	105	12	80	40
BFAA059	<4	1.67	7	52	579	<10	9	317	5	3509	104	11	68	41
BFAA060	<4	1.41	5	107	512	16	14	204	2	3309	122	13	89	41
BFAA061	<4	1.39	8	73	437	15	10	258	9	3184	102	12	71	41
BFAA062	<4	1.33	7	132	492	16	15	187	5	3459	131	14	103	43
BFAA063	<4	1.57	7	109	491	10	12	202	4	3355	109	12	78	38
BFAA064	<4	1.61	6	112	488	10	13	197	5	3554	120	13	86	42
BFAA065	<4	1.33	8	50	711	20	10	320	6	3558	114	12	73	44
BFAA066	<4	1.69	7	53	592	43	9	330	10	3140	93	11	81	40
BFAA067	<4	1.57	8	49	593	241	9	416	4	3313	96	11	112	40
BFAA068	<4	1.82	5	60	512	15	10	355	4	3510	105	11	72	39
BFAA069	<4	1.65	5	55	461	12	10	355	6	3467	104	11	73	37
BFAA070	<4	1.66	6	82	636	60	11	264	2	3337	102	13	111	39
BFAA071	<4	1.51	6	105	503	<10	12	236	4	3050	107	12	81	41
BFAA072	<4	1.82	7	69	502	<10	10	265	3	3298	97	11	71	39
BFAA073	<4	2.07	5	52	725	18	8	268	<2	2928	82	12	67	23
BFAA074	<4	1.49	5	73	677	21	10	231	5	2916	93	12	71	36
BFAA075	<4	1.67	5	49	495	27	8	259	5	2419	79	10	104	30
BFAA076	<4	1.80	4	28	437	15	6	258	<2	1742	53	8	47	22
BFA0001	<4	1.82	10	28	752	15	9	358	15	3062	81	15	78	26
BFA0002	5	2.29	12	19	731	10	7	454	6	2997	64	15	68	26
BFA0003	<4	2.35	13	12	727	<10	7	443	13	3168	54	17	65	20
BFA0004	4	2.14	14	17	698	13	7	459	13	3119	60	16	58	25
BFA0005	<4	2.26	11	15	678	12	6	434	6	2611	54	13	48	19
BFA0006	<4	1.67	12	35	874	16	9	414	13	3070	79	14	71	30
BFA0007	<4	1.61	11	42	918	13	10	267	12	3157	85	14	98	31
BFA0008	<4	1.33	9	40	1213	<10	8	513	2	2845	79	13	83	33
BFA0009	8	3.41	9	30	966	16	8	470	5	2801	72	14	63	28
BFA0010	<4	1.43	11	38	1085	<10	9	482	8	2835	83	13	120	30
BFA0011	7	1.97	10	30	926	18	8	420	11	2776	73	12	74	24
BFA0012	<4	3.94	9	45	970	10	8	514	7	2219	73	11	70	25
BFA0013	4	1.40	11	46	1055	10	8	466	7	2557	77	13	90	27
BFA0014	<4	1.37	9	41	990	<10	8	497	6	2439	76	12	77	25
BFA0015	5	2.43	7	41	1196	12	8	507	12	2469	72	12	69	29
BFA0016	<4	1.75	10	28	719	<10	9	470	11	3066	83	15	72	29
BFA0017	<4	1.92	11	20	406	<10	11	305	5	3408	80	15	70	25
BFA0018	<4	1.59	12	24	768	28	10	336	11	3208	81	17	36	26
BFA0019	<4	1.34	10	38	1165	<10	10	402	6	3045	89	14	31	31
BFA0020	<4	0.94	9	43	1260	11	9	460	12	2697	83	13	80	31
BFA0021	<4	1.30	11	42	1089	24	9	424	17	2813	84	15	80	30
BFA0022	4	1.62	8	38	965	<10	8	461	8	2626	80	12	81	29
BFA0023	<4	1.20	9	42	837	10	10	446	2	2722	88	14	103	26
BFA0024	<4	1.33	10	41	952	16	9	426	8	2741	83	13	109	25
BFA0025	<4	1.79	10	32	764	<10	8	353	4	2521	68	12	61	23
BFA0026	<4	1.01	11	47	1019	11	9	469	9	2618	82	12	84	28
BFA0027	<4	1.04	9	49	971	10	8	476	5	2509	82	12	30	26
BFA0028	<4	1.11	11	52	1007	22	10	341	5	3158	96	15	88	30
BFA0029	<4	1.51	10	38	963	<10	8	499	10	2516	73	12	66	24
BFA0030	<4	2.21	13	10	701	12	7	402	14	2692	52	14	46	19
BFA0031	<4	2.06	12	28	806	12	8	412	14	3065	66	15	62	25
BFA0032	<4	2.01	11	21	752	14	7	452	8	2738	65	13	63	25
BFA0033	4	2.35	11	13	639	<10	7	456	7	2897	56	14	70	20
BFA0034	4	2.50	14	17	705	11	8	463	10	2319	64	16	61	22

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DR	ODDR	CON1	CON2	CON3	FORM
BFAB035	35.892	119.695	07	40180				3	1	1				7	QTRN
BFAB036	35.892	119.734	07	40180				3	1	1				7	QTRN
BFAB037	35.920	119.734	07	40180				3	1	1				7	QTRN
BFAB038	35.921	119.694	07	40190				3	1	1				7	QTRN
BFAB039	35.921	119.664	07	40180				1	1	1				7	QTRN
BFAB040	35.862	119.519	07	40280				2	1	1				7	QTRN
BFAB041	35.863	119.554	07	40280				1	1	1				7	QTRN
BFAB042	35.834	119.557	07	40280				3	1	1				7	QTRN
BFAB043	35.819	119.549	07	40280				1	1	1				7	QTRN
BFAB044	35.804	119.522	07	40280				3	1	1				7	QTRN
BFAB045	35.818	119.590	07	40280				2	1	1				7	QTRN
BFAB046	35.819	119.615	07	40280				4	1	1				7	QTRN
BFAB047	35.804	119.590	07	40180				3	1	1				7	QTRN
BFAB048	35.805	119.616	07	40280				3	1	1				7	QTRN
BFAB049	35.805	119.555	07	40280				3	1	1				7	QTRN
BFAB050	35.775	119.599	07	40280				2	1	1				7	QTRN
BFAB051	35.753	119.579	07	40280				3	1	1				7	QTRN
BFAB052	35.762	119.559	07	40280				1	1	1				7	QTRN
BFAB053	35.756	119.516	07	40280				3	1	1				7	QTRN
BFAB054	35.751	119.567	07	40180				3	1	1				7	QTRN
BFAB055	35.790	119.634	07	40180				3	1	1				7	QTRN
BFAB056	35.776	119.634	07	40280				3	1	1				7	QTRN
BFAB057	35.790	119.660	07	40280				3	1	1				7	QTRN
BFAB058	35.776	119.665	07	40280				3	1	1				7	QTRN
BFAB059	35.791	119.687	07	40280				3	1	1				7	QTRN
BFAB060	35.776	119.689	07	40280				3	1	1				7	QTRN
BFAB061	35.777	119.715	07	40280				3	1	1				7	QTRN
BFAB062	35.796	119.716	07	40280				1	1	1				7	QTRN
BFAB063	35.819	119.719	07	40280				3	1	1				7	QTRN
BFAB064	35.819	119.695	07	40280				3	1	1				7	QTRN
BFAB065	35.820	119.635	07	40280				3	1	1				7	QTRN
BFAB066	35.819	119.652	07	40120				3	1	1				7	QTRN
BFAB067	35.852	119.578	07	40280				3	1	1				7	QTRN
BFAB068	35.862	119.621	07	40280				3	1	1				7	QTRN
BFAB069	35.863	119.634	07	40280				3	1	1				7	QTRN
BFAB070	35.863	119.661	07	40280				3	1	1				7	QTRN
BFAB071	35.864	119.698	07	40280				3	1	1				7	QTRN
BFAB072	35.863	119.734	07	40280				3	1	1				7	QTRN
BFAC001	35.754	119.257	07	33180				4	1	1					
BFAC002	35.762	119.284	07	33180				3	1	1			3	7	QTRN
BFAC003	35.761	119.312	07	33180				3	1	1			3	7	QTRN
BFAC004	35.762	119.339	07	33180				3	1	1			3	7	QTRN
BFAC005	35.762	119.363	07	33180				3	1	1			3	7	QTRN
BFAC006	35.789	119.353	07	33180				4	1	1			3	7	QTRN
BFAC007	35.783	119.329	07	33180				4	1	1			3	7	QTRN
BFAC008	35.790	119.293	07	33180				2	1	1			3	7	QTRN
BFAC009	35.811	119.284	07	33180				3	1	1			3	7	QTRN
BFAC010	35.834	119.252	07	33180				3	1	1			3	7	QTRN
BFAC011	35.812	119.259	07	33180				3	1	1			3	7	QTRN
BFAC012	35.787	119.259	07	33180				2	1	1			2	7	QTRN
BFAC013	35.811	119.360	06	40180				4	1	1			3	7	QTRN
BFAC014	35.834	119.368	07	40180				4	1	1			3	7	QTRN
BFAC015	35.847	119.339	07	40180				4	1	1		3	3	7	QTRN
BFAC016	35.827	119.339	07	40180				4	1	1			3	7	QTRN
BFAC017	35.805	119.320	07	40180				4	1	1			3	7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	DELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFAB035	10		45.00	10	1	1	1	4	2	N11101	5.05		<2	7.82
BFAB036	10		30.00	10	1	1	1	4	2	N11101	3.10		<2	7.29
BFAB037	10		25.00	10	1	1	1	4	2	N11101	3.13		<2	7.73
BFAB038	10		35.00	10	1	1	1	4	2	N11101	1.49		<2	7.08
BFAB039	10		30.00	10	1	1	1	4	2	N11101	4.37		<2	7.42
BFAB040	10		40.00	10	1	1	1	4	2	N11101	2.66		<2	7.29
BFAB041	10		35.00	10	1	1	1	4	2	N11101	2.84		<2	7.41
BFAB042	10		35.00	10	1	1	1	4	2	N11101	2.51		<2	7.24
BFAB043	10		40.00	10	1	1	1	4	2	N11101	2.01		<2	7.04
BFAB044	10		35.00	10	1	1	1	4	2	N11101	1.96		<2	7.03
BFAB045	10		40.00	10	1	1	1	4	2	N11101	2.44		<2	7.46
BFAB046	10		30.00	10	1	1	1	4	2	N11101	2.84		<2	7.21
BFAB047	10		30.00	10	1	1	1	4	2	N11101	2.72		<2	7.49
BFAB048	10		45.00	10	1	1	1	4	2	N11101	4.08		<2	7.62
BFAB049	10		35.00	10	1	1	1	4	2	N11101	1.80		<2	7.36
BFAB050	10		35.00	10	1	1	1	4	2	N11101	2.22		<2	7.02
BFAB051	10		30.00	10	1	1	1	4	2	N11101	2.98		<2	7.13
BFAB052	10		35.00	10	1	1	1	4	2	N11101	4.69		<2	7.32
BFAB053	10		40.00	10	1	1	1	4	2	N11101	2.65		<2	7.20
BFAB054	10		35.00	10	1	1	1	4	2	N11101	2.37		<2	7.26
BFAB055	10		25.00	10	1	1	1	4	2	N11101	3.02		<2	6.83
BFAB056	10		40.00	10	1	1	1	4	2	N11101	2.85		<2	6.61
BFAB057	10		30.00	10	1	1	1	4	2	N11101	1.83		<2	7.24
BFAB058	10		30.00	10	1	1	1	4	2	N11101	3.16		<2	6.92
BFAB059	10		45.00	10	1	1	1	4	2	N11101	2.95		<2	7.22
BFAB060	10		40.00	10	1	1	1	4	2	N11101	3.13		<2	7.42
BFAB061	10		35.00	10	1	1	1	4	2	N11101	3.77		<2	7.98
BFAB062	10		35.00	10	1	1	1	4	2	N11101	3.19		<2	7.47
BFAB063	10		35.00	10	1	1	1	4	2	N11101	3.03		<2	7.34
BFAB064	10		35.00	10	1	1	1	4	2	N11101	2.00		<2	7.40
BFAB065	10		30.00	10	1	1	1	4	2	N11101	2.54		<2	7.65
BFAB066	10		30.00	10	1	1	1	4	2	N11101	3.31		<2	7.61
BFAB067	10		40.00	10	1	1	1	4	2	N11101	3.36		<2	7.57
BFAB068	10		50.00	10	1	1	1	4	2	N11101	5.75		<2	7.47
BFAB069	10		50.00	10	1	1	1	4	2	N11101	8.61		<2	7.46
BFAB070	10		40.00	10	1	1	1	4	2	N11101	2.79		<2	7.58
BFAB071	10		55.00	10	1	1	1	4	2	N11101	3.00		<2	7.73
BFAB072	10		40.00	10	1	1	1	4	2	N11101	2.29		<2	7.63
BFAC001	10		28.00	10	1	1	1	1	2	N11101	1.90		<2	3.67
BFAC002	10		36.00	10	1	1	1	1	1	N11101	2.30		<2	7.93
BFAC003	10		34.00	10	1	1	1	1	2	N11101	1.68		<2	7.84
BFAC004	10		36.00	10	1	1	1	1	1	N11101	1.79		<2	6.42
BFAC005	10		34.00	10	1	1	1	1	1	N11101	2.36		<2	7.97
BFAC006	10		30.00	10	1	1	1	4	2	N11101	1.66		<2	7.72
BFAC007	10		40.00	10	1	1	1	4	2	N11101	1.07		<2	7.55
BFAC008	10		32.00	10	1	1	1	1	1	N11101	1.40		<2	7.73
BFAC009	10		32.00	10	1	1	1	1	1	N11101	1.69		<2	8.38
BFAC010	10		34.00	10	1	1	1	1	2	N11101	3.31		<2	8.74
BFAC011	10		32.00	10	1	1	1	1	1	N11101	1.94		<2	8.10
BFAC012	10		28.00	10	1	1	1	1	1	N11101	2.01		<2	8.23
BFAC013	10		48.00	10	1	1	1	4	2	N11101	2.02		<2	7.98
BFAC014	10		46.00	10	1	1	1	4	2	N11101	4.56		<2	8.79
BFAC015	10		40.00	10	1	1	1	4	2	N11101	2.00		<2	7.31
BFAC016	10		38.00	10	1	1	1	1	2	N11101	1.65		<2	7.77
BFAC017	10		35.00	10	1	1	1	1	2	N11101	1.77		<2	7.98

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	HE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFAB035	40	654	2	1.95	71	8	20	18	2.42	<15	1.71	38	29	0.84	445
BFAB036	65	630	1	2.64	49	10	55	26	2.09	<15	1.37	22	38	1.19	395
BFAB037	42	640	2	2.55	57	7	35	18	2.10	<15	1.67	27	29	0.84	389
BFAB038	50	580	1	4.07	57	10	51	28	2.77	<15	1.51	26	41	1.05	424
BFAB039	67	608	1	4.17	57	9	42	27	2.63	<15	1.68	27	46	1.12	507
BFAB040	41	710	1	3.63	59	4	23	9	1.44	<15	1.64	28	19	0.79	379
BFAB041	26	714	2	2.90	76	<4	15	5	1.25	<15	1.56	35	11	0.62	380
BFAB042	38	697	2	3.95	51	5	21	12	1.60	<15	1.61	24	23	0.83	343
BFAB043	51	742	1	4.29	47	4	23	10	1.40	<15	1.58	22	23	0.37	394
BFAB044	44	772	1	4.25	45	4	21	8	1.25	<15	1.52	20	19	0.76	276
BFAB045	52	687	2	3.42	56	5	17	11	1.54	<15	1.73	26	24	1.00	330
BFAB046	44	727	2	3.55	63	4	19	8	1.45	<15	1.54	30	17	0.79	367
BFAB047	36	812	2	3.49	62	4	17	7	1.38	<15	1.71	29	15	0.68	328
BFAB049	60	661	2	2.30	62	6	15	16	1.86	<15	1.75	32	27	0.81	369
BFAB049	38	769	2	3.32	56	5	16	10	1.41	<15	1.67	26	20	0.77	300
BFAB050	49	661	1	3.90	57	4	21	12	1.57	<15	1.64	27	41	1.08	336
BFAB051	43	650	2	3.60	64	6	28	15	2.22	<15	1.56	30	28	1.02	446
BFAB052	28	606	2	3.72	67	6	17	12	2.11	<15	1.54	34	31	0.32	425
BFAB053	38	698	1	4.23	40	<4	14	9	1.40	<15	1.74	22	22	0.78	360
BFAB054	37	741	2	2.84	54	5	78	32	1.77	<15	1.66	20	24	0.85	367
BFAB055	55	647	1	4.51	53	5	23	12	1.63	<15	1.65	24	37	1.03	305
BFAB056	38	625	1	4.09	52	5	22	14	1.65	<15	1.53	26	44	1.11	314
BFAB057	42	788	1	3.31	39	<4	19	8	1.25	<15	1.75	19	20	0.81	304
BFAB058	49	652	2	3.94	59	5	25	11	1.76	<15	1.57	29	29	1.00	367
BFAB059	44	709	2	3.40	56	5	22	12	1.71	<15	1.58	27	24	1.04	384
BFAB060	73	660	2	3.16	68	6	27	14	2.09	<15	1.62	32	30	1.09	460
BFAB061	41	681	2	2.28	62	6	17	14	1.98	<15	1.78	32	26	0.74	329
BFAB062	38	660	2	3.32	66	4	15	7	1.43	<15	1.68	31	22	0.90	356
BFAB063	52	660	1	3.31	58	5	28	12	1.72	<15	1.53	28	24	0.83	351
BFAB064	28	695	2	2.85	53	5	20	8	1.32	<15	1.66	24	17	0.68	314
BFAB065	25	711	2	2.85	62	<4	15	6	1.39	<15	1.75	29	15	0.63	340
BFAB066	38	693	2	2.49	56	5	23	11	1.62	<15	1.60	26	21	0.86	341
BFAB067	46	684	2	3.17	63	5	25	11	1.73	<15	1.70	30	26	0.87	376
BFAB068	51	647	2	2.81	73	7	20	13	2.02	<15	1.68	36	28	0.88	404
BFAB069	60	648	2	2.87	71	7	21	14	2.08	<15	1.66	36	28	0.84	403
BFAB070	25	697	2	2.21	56	4	12	7	1.18	<15	1.75	26	14	0.50	284
BFAB071	25	711	2	2.18	53	4	14	9	1.26	<15	1.80	27	17	0.54	321
BFAB072	36	724	2	2.27	41	5	22	14	1.50	<15	1.71	22	20	0.62	300
BFAC001	29	588	1	2.46	40	8	32	16	2.03	<15	1.32	16	23	0.89	611
BFAC002	45	610	1	3.32	37	8	35	15	2.60	<15	1.37	18	29	1.18	609
BFAC003	48	645	1	3.15	39	7	36	14	2.71	<15	1.57	18	28	1.06	653
BFAC004	52	571	1	7.51	36	7	36	19	2.43	<15	1.26	16	35	1.20	653
BFAC005	29	611	1	2.51	43	9	37	16	2.98	<15	1.40	20	25	1.02	632
BFAC006	48	700	1	2.82	47	6	36	12	2.28	<15	1.34	23	21	0.86	526
BFAC007	55	730	1	3.14	32	5	22	12	2.04	<15	1.36	16	23	0.94	582
BFAC008	39	613	1	3.23	42	6	34	12	2.30	<15	1.39	20	22	1.03	565
BFAC009	27	580	1	2.59	35	8	31	13	2.68	<15	1.29	16	21	0.89	575
BFAC010	24	544	1	2.73	48	11	39	22	3.67	<15	1.30	20	28	1.20	711
BFAC011	26	599	1	2.43	47	7	28	16	2.24	<15	1.27	20	16	0.72	505
BFAC012	26	607	1	2.49	42	6	28	12	2.13	<15	1.40	19	18	0.66	484
BFAC013	60	763	1	2.82	50	6	32	14	2.12	<15	1.37	22	18	0.83	524
BFAC014	29	788	1	3.29	52	13	43	23	3.74	<15	1.46	24	36	1.17	728
BFAC015	49	714	1	4.17	38	4	21	10	1.83	<15	1.25	20	20	0.97	430
BFAC016	64	614	1	3.65	43	7	41	14	2.61	<15	1.45	20	27	1.15	595
BFAC017	39	659	1	2.95	34	4	25	8	1.78	<15	1.30	16	13	0.70	495

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFAB035	<4	2.22	13	13	788	18	7	400	21	2903	64	14	64	21
BFAB036	<4	1.76	9	44	771	12	9	452	5	2855	61	12	63	33
BFAB037	<4	2.13	11	26	1040	13	8	411	4	2768	62	14	75	23
BFAB038	<4	1.70	11	42	962	17	9	438	15	2300	61	12	70	27
BFAB039	<4	1.91	11	33	1109	10	9	450	15	2690	60	14	80	28
BFAB040	<4	2.31	12	14	957	14	6	492	12	2940	44	16	41	25
BFAB041	<4	2.21	15	9	781	<10	7	405	12	3499	42	19	27	27
BFAB042	<4	2.19	11	14	809	<10	6	510	4	3502	51	14	46	18
BFAB043	<4	2.32	10	13	938	15	6	551	6	3257	46	12	35	19
BFAB044	<4	2.19	11	14	1110	<10	6	542	7	2203	40	12	29	19
BFAB045	<4	2.60	12	13	694	<10	7	512	6	2771	50	15	38	20
BFAB046	<4	2.15	14	14	875	19	7	436	9	3084	48	18	53	21
BFAB047	<4	2.37	15	11	1231	14	6	511	5	2809	30	16	22	20
BFAB048	<4	2.73	13	10	640	11	6	442	15	2751	57	14	54	19
BFAB049	<4	2.17	12	12	839	16	6	501	10	2475	44	14	40	18
BFAB050	<4	2.19	13	14	1168	12	6	554	6	2842	49	14	43	21
BFAB051	<4	1.94	13	17	669	30	7	478	15	2934	67	14	55	23
BFAB052	<4	2.05	15	9	698	12	7	408	21	3163	63	15	54	25
BFAB053	<4	2.43	10	10	821	<10	6	552	<2	2450	44	12	37	16
BFAB054	<4	2.06	12	76	925	<10	7	436	4	2971	40	16	71	25
BFAB055	<4	2.15	11	14	984	<10	6	544	9	2511	43	12	42	19
BFAB056	<4	1.91	10	16	807	14	6	514	9	2606	58	12	46	19
BFAB057	<4	2.37	3	12	1256	20	5	426	1	2108	35	11	44	15
BFAB058	<4	2.00	13	17	823	<10	7	498	10	2981	51	15	44	23
BFAB059	<4	2.09	11	13	1143	16	7	470	11	2721	51	14	54	23
BFAB060	<4	2.54	15	14	1243	10	8	494	14	3458	59	16	63	29
BFAB061	5	2.54	13	11	671	14	7	429	15	2919	58	15	52	21
BFAB062	<4	2.50	14	10	595	15	7	539	10	3077	45	16	35	22
BFAB063	<4	2.26	12	19	596	16	7	472	5	3076	59	15	39	24
BFAB064	<4	2.29	12	14	668	14	6	462	5	2253	40	12	23	19
BFAB065	<4	2.47	15	10	690	11	6	470	6	2962	43	16	30	17
BFAB066	<4	2.24	13	15	626	10	7	468	5	2824	55	15	40	22
BFAB067	<4	2.46	12	17	668	13	7	484	10	2779	54	14	44	22
BFAB068	7	2.37	14	14	808	20	7	451	14	3038	56	16	59	24
BFAB069	4	2.40	15	15	925	15	7	448	14	3248	59	16	57	27
BFAB070	<4	2.46	12	5	565	11	6	433	6	2327	37	13	31	17
BFAB071	<4	2.51	11	7	604	<10	6	438	6	2504	40	13	42	17
BFAB072	<4	2.31	9	15	576	<10	6	436	6	2451	47	12	40	20
BFAC001	<4	2.13	8	18	532	17	11	339	7	2494	74	17	132	25
BFAC002	<4	2.22	9	18	820	29	9	431	7	3280	94	15	85	23
BFAC003	<4	2.03	10	19	909	<10	10	396	4	3260	79	16	72	23
BFAC004	<4	1.54	9	22	1366	<10	8	541	4	2744	87	14	69	21
BFAC005	<4	2.05	11	18	637	12	11	312	5	3620	83	15	83	27
BFAC006	<4	2.39	10	17	627	20	9	385	13	3352	73	16	59	29
BFAC007	<4	2.75	8	14	966	<10	8	431	<2	2852	67	15	55	23
BFAC008	<4	2.21	10	15	814	16	8	440	11	3190	84	14	66	25
BFAC009	<4	2.10	7	16	602	26	10	339	6	3309	73	15	69	23
BFAC010	<4	1.96	10	18	728	45	13	308	11	3943	96	15	96	23
BFAC011	<4	2.06	9	17	510	22	9	342	6	3023	61	15	78	24
BFAC012	<4	2.23	8	14	368	21	8	347	7	3168	59	15	60	25
BFAC013	5	2.67	12	15	870	24	9	407	10	3262	87	17	61	26
BFAC014	<4	1.75	11	21	670	12	12	292	6	3257	116	18	86	26
BFAC015	<4	2.72	9	14	686	13	8	564	6	2630	129	14	52	23
BFAC016	<4	2.51	8	15	923	12	9	440	7	3256	127	15	71	25
BFAC017	<4	2.53	8	8	539	<10	8	399	4	3370	72	14	46	25

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LGNG	NTYP	DAY	WTEM	CJND	ALK	SIZE	WDC	S-OP	ODOR	CON1	CUN2	CON3	FORM
BFAC018	35.833	119.295	07	40180				4	1	1			3	7	QTRN
BFAC019	35.855	119.295	07	40180				4	1	1			3	7	QTRN
BFAC020	35.863	119.259	07	40180				4	1	1			3	7	QTRN
BFAC021	35.893	119.259	07	40180				4	1	1			2	7	QTRN
BFAC022	35.921	119.267	07	40180				2	1	1			3	7	QTRN
BFAC023	35.948	119.250	07	40180				4	1	1			3	7	QTRN
BFAC024	35.979	119.255	07	40180				3	1	1			3	7	QTRN
BFAC025	35.994	119.295	07	40180				4	1	1			3	7	QTRN
BFAC026	35.992	119.339	07	40180				2	1	1			3	7	QTRN
BFAC027	35.979	119.373	07	40180				3	1	1			3	7	QTRN
BFAC028	35.997	119.393	07	40180				3	1	1			3	7	QTRN
BFAC029	35.964	119.391	07	40180				4	1	1			3	7	QTRN
BFAC030	35.963	119.355	07	40180				3	1	1			3	7	QTRN
BFAC031	35.964	119.331	07	40180				4	1	1			3	7	QTRN
BFAC032	35.943	119.302	07	40180				4	1	1			3	7	QTRN
BFAC033	35.914	119.307	07	40180				4	1	1			3	7	QTRN
BFAC034	35.891	119.286	07	40180				4	1	1			3	7	QTRN
BFAC035	35.891	119.313	07	40180				4	1	1			3	7	QTRN
BFAC036	35.891	119.338	07	40180				2	1	1			3	7	QTRN
BFAC037	35.893	119.374	07	40180				4	1	1			3	7	QTRN
BFAC038	35.921	119.374	07	40180				3	1	1			3	7	QTRN
BFAC039	35.943	119.374	07	40580				3	1	1			3	7	QTRN
BFAC040	35.928	119.339	07	40580				4	1	1			3	7	QTRN
BFAC041	35.964	119.286	07	40580				4	1	1			3	7	QTRN
BFAC042	35.877	119.393	07	40580				4	1	1			3	7	QTRN
BFAC043	35.892	119.417	07	40580				4	1	1			3	7	QTRN
BFAC044	35.892	119.443	07	40580				4	1	1			3	7	QTRN
BFAC045	35.888	119.469	07	40580				4	1	1			3	7	QTRN
BFAC046	35.908	119.486	07	40580				4	1	1			3	7	QTRN
BFAC047	35.913	119.457	07	40580				4	1	1			3	7	QTRN
BFAC048	35.935	119.482	07	40580				4	1	1			3	7	QTRN
BFAC049	35.957	119.483	07	40580				4	1	1			3	7	QTRN
BFAC050	35.978	119.481	07	40580				3	1	1			3	7	QTRN
BFAC051	35.993	119.499	07	40580				4	1	1			3	7	QTRN
BFAC052	35.992	119.465	07	40580				3	1	1			3	7	QTRN
BFAC053	35.964	119.435	07	40580				4	1	1			3	7	QTRN
BFAC054	35.941	119.440	07	40580				4	1	1			3	7	QTRN
BFAC055	35.942	119.406	07	40580				4	1	1			3	7	QTRN
BFAC056	35.919	119.424	07	40580				4	1	1		8	3	7	QTRN
BFAC057	35.891	119.379	07	40580				4	1	1			3	7	QTRN
BFAC058	35.761	119.381	07	40380				3	1	1				7	QTRN
BFAC059	35.760	119.409	07	40380				3	1	1				7	QTRN
BFAC060	35.760	119.445	07	40380				2	1	1				7	QTRN
BFAC061	35.761	119.476	07	40380				3	1	1				7	QTRN
BFAC062	35.783	119.464	07	40380				3	1	1				7	QTRN
BFAC063	35.800	119.480	07	40380				3	1	1				7	QTRN
BFAC064	35.824	119.480	07	40380				2	1	1				7	QTRN
BFAC065	35.848	119.481	07	40380				3	1	1				7	QTRN
BFAC066	35.873	119.486	07	40380				3	1	1				7	QTRN
BFAC067	35.861	119.446	07	40380				3	1	1				7	QTRN
BFAC068	35.874	119.445	07	40380				3	1	1				7	QTRN
BFAC069	35.826	119.446	07	40380				3	1	1				7	QTRN
BFAC070	35.833	119.412	07	40380				3	1	1				7	QTRN
BFAC071	35.861	119.409	07	40380				3	1	1				7	QTRN
BFAC072	35.874	119.402	07	40380				3	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFAC018	10		40.00	10	1	1	1	1	1	NI1101	2.95		<2	14.51
BFAC019	10		49.00	10	1	1	1	1	1	NI1101	3.09		<2	8.48
BFAC020	10		46.00	10	1	1	1	1	2	NI1101	4.14		<2	8.29
BFAC021	10		34.00	10	1	1	1	4	1	NI1101	2.64		<2	8.51
BFAC022	10		34.00	10	1	1	1	1	2	NI1101	2.42		<2	8.43
BFAC023	10		39.00	10	1	1	1	1	1	NI1101	2.22		<2	8.33
BFAC024	10		30.00	10	1	1	1	1	1	NI1101	2.04		<2	8.29
BFAC025	10		34.00	10	1	1	1	1	1	NI1101	2.82		<2	3.44
BFAC026	10		34.00	10	1	1	1	4	2	NI1101	2.54		<2	7.53
BFAC027	10		44.00	10	1	1	1	1	2	NI1101	4.21		<2	8.34
BFAC028	10		49.00	10	1	1	1	1	1	NI1101	4.24		<2	7.64
BFAC029	10		50.00	10	1	1	1	1	2	NI1101	4.45		<2	8.23
BFAC030	10		40.00	10	1	1	1	1	2	NI1101	3.78		<2	8.03
BFAC031	10		34.00	10	1	1	1	1	1	NI1101	3.36		<2	8.40
BFAC032	10		26.00	10	1	1	1	1	2	NI1101	3.50		<2	8.12
BFAC033	10		30.00	10	1	1	1	1	2	NI1101	3.32		<2	8.34
BFAC034	10		29.00	10	1	1	1	1	2	NI1101	2.06		<2	8.55
BFAC035	10		27.00	10	1	1	1	1	2	NI1101	3.45		<2	8.50
BFAC036	10		35.00	10	1	1	1	1	1	NI1101	3.31		<2	8.48
BFAC037	10		36.00	10	1	1	1	1	1	NI1101	2.83		<2	8.95
BFAC038	10		45.00	10	1	1	1	4	1	NI1101	4.72		<2	8.27
BFAC039	10		39.00	10	1	1	1	1	2	NI1101	2.70		<2	8.32
BFAC040	10		34.00	10	1	1	1	1	2	NI1101	2.64		<2	8.25
BFAC041	10		32.00	10	1	1	1	1	2	NI1101	2.15		<2	8.41
BFAC042	10		46.00	10	1	1	1	1	1	NI1101	2.21		<2	8.08
BFAC043	10		48.00	10	1	1	1	1	2	NI1101	1.93		<2	7.74
BFAC044	10		52.00	10	1	1	1	1	2	NI1101	2.38		<2	6.34
BFAC045	10		54.00	10	1	1	1	1	1	NI1101	2.62		<2	7.16
BFAC046	10		48.00	10	1	1	1	1	1	NI1101	2.70		<2	6.85
BFAC047	10		46.00	10	1	1	1	1	1	NI1101	2.07		<2	7.29
BFAC048	10		47.00	10	1	1	1	1	1	NI1101	3.13		<2	7.75
BFAC049	10		37.00	10	1	1	1	4	1	NI1101	2.88		<2	8.26
BFAC050	10		40.00	10	1	1	1	1	1	NI1101	2.00		<2	7.57
BFAC051	10		35.00	10	1	1	1	1	1	NI1101	2.62		<2	8.14
BFAC052	10		45.00	10	1	1	1	1	2	NI1101	2.66		<2	7.62
BFAC053	10		37.00	10	1	1	1	4	1	NI1101	5.10		<2	8.12
BFAC054	10		40.00	10	1	1	1	1	2	NI1101	2.05		<2	8.69
BFAC055	10		35.00	10	1	1	1	4	2	NI1101	3.30		<2	8.73
BFAC056	10		40.00	10	1	1	1	4	2	NI1101	1.61		<2	8.81
BFAC057	10		36.00	10	1	1	1	1	1	NI1101	2.15		<2	9.20
BFAC058	10		30.00	10	1	1	1	4	2	NI1101	1.70		<2	7.75
BFAC059	10		35.00	10	1	1	1	4	2	NI1101	1.77		<2	7.65
BFAC060	10		45.00	10	1	1	1	4	2	NI1101	1.53		<2	7.49
BFAC061	10		40.00	10	1	1	1	4	2	NI1101	3.00		<2	7.05
BFAC062	10		40.00	10	1	1	1	4	2	NI1101	1.39		<2	7.20
BFAC063	10		40.00	10	1	1	1	4	2	NI1101	2.60		<2	7.20
BFAC064	10		40.00	10	1	1	1	4	2	NI1101	1.59		<2	6.59
BFAC065	10		40.00	10	1	1	1	4	2	NI1101	1.80		<2	5.96
BFAC066	10		30.00	10	1	1	1	4	2	NI1101	2.16		<2	6.88
BFAC067	10		45.00	10	1	1	1	4	2	NI1101	1.13		<2	4.13
BFAC068	10		50.00	10	1	1	1	4	2	NI1101	1.62		<2	7.07
BFAC069	10		50.00	10	1	1	1	4	2	NI1101	1.79		<2	6.77
BFAC070	10		40.00	10	1	1	1	4	2	NI1101	2.55		<2	6.85
BFAC071	10		50.00	10	1	1	1	4	2	NI1101	1.97		<2	7.21
BFAC072	10		50.00	10	1	1	1	4	2	NI1101	2.00		<2	6.93

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFAC018	84	1105	2	6.39	65	11	75	25	4.67	<15	2.29	32	46	2.18	1127
BFAC019	73	596	1	2.44	45	11	43	20	3.67	<15	1.79	22	33	1.22	700
BFAC020	25	523	1	2.93	41	11	41	22	3.61	<15	1.22	16	27	1.20	798
BFAC021	31	543	1	2.35	39	9	37	20	2.50	<15	1.42	16	29	1.07	596
BFAC022	36	567	1	3.18	41	12	31	13	4.57	<15	1.33	20	32	1.50	862
BFAC023	29	583	1	3.07	38	11	32	22	4.08	<15	1.26	18	26	1.28	845
BFAC024	30	576	1	2.88	38	10	36	14	2.51	<15	1.41	18	26	1.21	753
BFAC025	23	691	2	2.22	46	11	38	17	2.77	<15	1.63	24	38	1.13	737
BFAC026	29	675	1	2.48	52	10	39	17	3.56	<15	1.48	25	38	1.14	668
BFAC027	36	688	2	1.95	64	13	48	22	4.11	<15	1.54	32	52	1.27	676
BFAC028	52	698	2	2.34	57	11	47	21	3.62	<15	1.55	28	49	1.27	609
BFAC029	39	713	2	2.54	57	11	46	18	3.67	<15	1.59	31	47	1.29	671
BFAC030	35	702	2	2.42	43	10	36	33	3.50	<15	1.65	22	35	1.09	643
BFAC031	28	673	1	2.50	44	10	41	15	3.47	<15	1.55	22	37	1.12	623
BFAC032	16	517	1	2.19	38	12	30	10	4.55	<15	1.09	18	22	1.34	939
BFAC033	17	564	1	3.08	43	12	34	19	4.47	<15	1.12	20	27	1.35	387
BFAC034	32	583	1	3.05	34	10	37	15	3.14	<15	1.28	14	24	1.16	686
BFAC035	25	526	1	3.37	39	9	33	14	2.94	<15	1.01	16	19	1.16	623
BFAC036	35	630	1	3.17	35	8	33	13	2.62	<15	1.33	17	27	1.11	633
BFAC037	30	646	1	2.79	45	12	34	17	4.20	<15	1.37	23	34	1.33	776
BFAC038	51	686	1	2.29	45	11	39	22	3.75	<15	1.69	24	39	1.27	774
BFAC039	30	679	2	2.61	45	10	36	15	2.57	<15	1.42	22	33	1.15	626
BFAC040	75	600	1	3.13	45	12	31	13	4.09	<15	1.24	19	28	1.29	814
BFAC041	28	559	1	2.95	42	11	32	13	3.68	<15	1.19	19	26	1.25	761
BFAC042	29	651	1	3.41	48	9	28	11	2.74	<15	1.26	21	25	1.10	547
BFAC043	31	567	1	3.79	53	11	32	14	3.50	<15	1.21	22	30	1.40	649
BFAC044	60	636	1	5.34	51	7	25	21	2.33	<15	1.47	23	42	1.50	474
BFAC045	46	656	1	3.41	43	5	34	11	1.76	<15	1.56	21	26	0.95	392
BFAC046	55	626	1	4.81	46	7	36	20	2.24	<15	1.39	23	37	1.48	450
BFAC047	30	653	1	3.63	49	6	25	8	1.86	<15	1.43	21	21	0.95	446
BFAC048	49	685	2	3.39	55	9	38	20	2.66	<15	1.40	26	38	1.17	509
BFAC049	29	584	2	3.36	42	9	28	15	3.20	<15	1.13	18	20	1.06	765
BFAC050	27	631	2	2.88	39	5	20	7	1.98	<15	1.41	14	15	0.34	478
BFAC051	42	662	2	3.70	58	11	37	15	2.21	<15	1.42	25	40	1.27	534
BFAC052	50	659	2	3.56	58	8	31	14	2.45	<15	1.28	24	29	1.14	458
BFAC053	41	626	1	3.61	45	12	38	17	3.66	<15	1.16	23	39	1.33	569
BFAC054	17	689	1	3.45	39	5	18	4	1.76	<15	1.29	15	16	0.83	372
BFAC055	20	671	1	2.19	36	9	33	12	3.34	<15	1.55	22	40	1.12	575
BFAC056	16	586	1	2.89	34	7	22	5	2.55	<15	1.11	16	17	0.90	561
BFAC057	14	498	1	3.17	33	11	23	8	3.84	<15	1.01	16	20	1.21	720
BFAC058	44	648	1	3.07	46	8	38	15	2.64	<15	1.26	22	25	0.99	582
BFAC059	43	725	1	3.01	50	6	36	11	2.24	<15	1.36	23	21	0.92	550
BFAC060	50	666	1	2.77	49	7	40	15	2.61	<15	1.49	24	29	1.09	622
BFAC061	70	694	1	4.25	58	5	21	10	2.21	<15	1.43	29	22	0.84	541
BFAC062	27	693	1	3.77	41	4	19	8	1.56	<15	1.42	26	19	0.70	378
BFAC063	29	736	1	4.47	50	<4	15	6	1.13	<15	1.54	24	15	0.63	350
BFAC064	24	702	1	6.19	39	5	24	10	1.46	<15	1.31	18	25	0.93	347
BFAC065	44	556	1	7.88	43	9	41	22	2.81	<15	1.20	21	55	2.05	434
BFAC066	30	650	1	3.61	37	6	31	13	1.60	<15	1.41	17	27	0.96	381
BFAC067	30	401	1	3.02	33	4	21	11	1.51	<15	0.87	16	23	0.75	236
BFAC068	41	665	1	5.39	56	6	34	17	2.17	<15	1.50	27	39	1.30	423
BFAC069	23	697	1	6.88	59	5	30	10	1.81	<15	1.30	29	27	1.13	480
BFAC070	66	660	1	5.88	62	7	34	15	2.44	<15	1.22	25	32	1.36	564
BFAC071	21	807	1	5.88	44	4	22	8	1.33	<15	1.34	20	20	0.84	404
BFAC072	50	657	1	6.03	60	8	33	17	2.55	<15	1.21	28	36	1.48	525

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PU	SC	SR	TH	TI	V	Y	ZN	ZR
BFAC018	<4	3.92	16	31	1457	15	19	747	13	5790	152	29	162	44
BFAC019	<4	1.86	9	21	638	11	12	719	10	4024	103	16	90	22
BFAC020	<4	1.82	9	18	732	10	13	302	15	4580	106	17	157	27
BFAC021	<4	1.90	8	18	1009	15	12	299	9	3760	88	17	85	25
BFAC022	<4	1.83	10	14	862	15	15	282	8	4950	110	24	95	25
BFAC023	<4	1.89	10	13	1247	39	15	301	4	4401	103	24	154	20
BFAC024	<4	2.11	9	19	696	<10	13	306	5	4785	99	21	81	28
BFAC025	<4	1.87	12	20	651	30	11	254	14	4041	89	20	91	28
BFAC026	<4	1.51	12	21	1301	30	10	268	6	3423	74	16	107	23
BFAC027	<4	1.35	12	26	892	16	11	232	11	3973	90	20	108	24
BFAC028	<4	1.99	12	25	725	17	11	253	6	3659	86	19	93	26
BFAC029	<4	1.57	12	25	894	12	10	314	12	3698	87	18	108	25
BFAC030	<4	1.85	11	16	972	22	11	282	9	3480	78	19	137	29
BFAC031	<4	1.94	10	17	657	<10	11	271	9	3675	88	20	92	26
BFAC032	<4	1.88	11	10	598	14	17	282	15	5026	113	26	89	25
BFAC033	<4	1.79	11	17	694	<10	15	293	7	4895	114	25	110	27
BFAC034	<4	2.74	9	16	620	19	11	379	4	3677	100	17	109	24
BFAC035	<4	2.21	10	16	556	20	12	379	8	3547	86	18	69	20
BFAC036	<4	2.45	10	15	955	25	10	363	10	3493	94	17	84	20
BFAC037	<4	1.95	12	16	797	22	12	305	6	4277	113	22	97	19
BFAC038	6	1.94	10	23	1169	10	11	277	10	3932	106	18	116	25
BFAC039	<4	1.84	11	18	613	<10	11	295	5	3759	86	19	82	23
BFAC040	<4	1.97	11	11	677	14	14	317	7	4565	107	23	90	23
BFAC041	<4	1.97	11	15	546	41	14	297	9	4240	104	21	86	23
BFAC042	<4	2.04	10	16	1204	14	10	381	12	3146	75	18	66	19
BFAC043	<4	1.94	11	18	669	35	13	286	14	3910	94	20	77	21
BFAC044	<4	1.83	10	21	1034	12	8	562	10	2715	66	15	79	24
BFAC045	<4	2.24	8	19	925	<10	7	475	2	2788	56	14	76	28
BFAC046	<4	1.72	10	20	1056	13	8	575	5	3003	69	16	90	29
BFAC047	<4	2.06	11	14	900	<10	9	413	9	2675	52	17	44	26
BFAC048	<4	1.88	11	21	623	<10	9	366	15	3362	70	16	107	26
BFAC049	<4	2.07	10	16	515	12	13	341	5	3493	91	21	63	22
BFAC050	<4	2.19	9	8	647	11	10	329	2	2556	58	19	53	20
BFAC051	<4	1.96	12	18	427	<10	12	333	9	3604	86	19	78	27
BFAC052	4	1.94	11	15	889	22	10	366	16	2679	71	18	56	24
BFAC053	<4	1.74	9	24	736	<10	10	346	9	3633	103	17	83	23
BFAC054	<4	2.07	6	11	1016	12	8	378	13	2262	53	17	36	19
BFAC055	<4	1.58	8	19	699	15	9	253	7	3407	83	16	80	23
BFAC056	<4	1.92	9	13	405	<10	11	281	3	3171	72	19	56	24
BFAC057	<4	1.75	8	9	661	20	14	281	7	3751	102	22	79	21
BFAC058	<4	1.94	10	18	698	14	10	359	10	2152	89	16	70	23
BFAC059	6	2.66	11	14	754	15	9	494	17	3746	112	16	63	27
BFAC060	<4	1.93	10	22	1069	14	9	415	5	3192	92	19	68	26
BFAC061	<4	2.14	13	14	988	24	7	544	7	2945	65	16	92	21
BFAC062	<4	2.19	8	9	770	<10	6	475	7	2327	50	14	42	16
BFAC063	<4	2.31	11	9	778	<10	6	558	3	2552	33	15	32	18
BFAC064	<4	1.81	10	13	777	12	6	644	6	2054	42	12	46	18
BFAC065	<4	1.04	10	27	1346	14	8	739	6	2638	72	12	76	23
BFAC066	4	2.36	8	20	970	15	7	463	<2	2402	51	12	57	20
BFAC067	<4	1.16	7	15	627	12	5	353	4	1680	38	10	35	15
BFAC068	<4	1.91	13	18	1054	14	8	577	15	3114	69	19	56	28
BFAC069	<4	1.98	11	16	1192	<10	8	721	12	2484	58	20	45	26
BFAC070	<4	1.84	11	17	1108	18	9	652	19	2396	76	19	59	28
BFAC071	<4	2.19	8	13	928	<10	6	690	11	2192	42	15	46	17
BFAC072	<4	1.64	12	17	1091	11	9	646	9	3301	74	18	59	24

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DEP	ODCR	CON1	CON2	CON3	FORM
BFAC073	35.870	119.390	07	40380				3	1	1				7	QTRN
BFAC074			07	40380				3	1	1				7	QTRN
BFAC075	35.834	119.385	07	40380				3	1	1				7	QTRN
BFAC076	35.789	119.411	07	40380				3	1	1				7	QTRN
BFAC077			07	40380				3	1	1				7	QTRN
BFAD0001	35.761	119.239	07	32780				3	1	1		9	3	7	QTRN
BFAD0002	35.761	119.204	07	32780				4	1	1			3	7	QTRN
BFAD0003	35.761	119.179	07	32780				4	1	1			3	7	QTRN
BFAD0004	35.760	119.134	07	32780				4	1	1			7	3	QTRN
BFAD0005	35.762	119.115	07	32780				4	1	1			5	7	QTRN
BFAD0006	35.762	119.079	07	32780				4	1	1			3	7	QTRN
BFAD0007	35.762	119.047	07	32780				4	1	1		9	3	7	QTRN
BFAD0008	35.752	119.004	07	32780				4	1	1		9	3	7	QTRN
BFAD0009	35.791	119.015	07	32780				4	1	1			3	7	QTRN
BFAD0010	35.791	119.053	07	32780				4	1	1			3	7	QTRN
BFAD0011	35.824	119.034	06	32780				4	1	1		9	3	7	QTRN
BFAD0012	35.847	119.035	06	32780				4	1	1			3	7	QTRN
BFAD0013	35.835	119.063	07	32780				4	1	1			3	7	QTRN
BFAD0014	35.812	119.066	06	32780				3	1	1			7	3	QTRN
BFAD0015	35.801	119.099	07	32780				3	1	1			3	7	QTRN
BFAD0016	35.828	119.090	07	32780				4	1	1			3	7	QTRN
BFAD0017	35.866	119.050	07	32780				4	1	1		8	3	7	QTRN
BFAD0018	35.855	119.088	07	32780				4	1	1			3	7	QTRN
BFAD0019	35.863	119.116	07	32780				3	1	1			3	7	QTRN
BFAD0020	35.835	119.116	07	32780				3	1	1			7	3	QTRN
BFAD0021	35.791	119.129	07	32780				3	1	1			3	7	QTRN
BFAD0022	35.791	119.160	07	32780				4	1	1			3	7	QTRN
BFAD0023	35.791	119.196	07	32780				4	1	1			3	7	QTRN
BFAD0024	35.791	119.232	07	32780				4	1	1			7	3	QTRN
BFAD0025	35.834	119.132	07	32880				3	1	1			3	7	QTRN
BFAD0026	35.820	119.161	07	32880				4	1	1			7	3	QTRN
BFAD0027	35.825	119.195	07	32880				4	1	1			3	7	QTRN
BFAD0028	35.827	119.232	07	32880				4	1	1			3	7	QTRN
BFAD0029	35.848	119.231	07	32880				4	1	1			3	7	QTRN
BFAD0030	35.849	119.195	07	32880				4	1	1			3	7	QTRN
BFAD0031	35.848	119.153	07	32880				3	1	1			3	7	QTRN
BFAD0032	35.868	119.133	07	32880				4	1	1			3	7	QTRN
BFAD0033	35.875	119.178	07	32880				3	1	1			3	7	QTRN
BFAD0034	35.871	119.213	07	32880				4	1	1			3	7	QTRN
BFAD0035	35.892	119.250	07	32880				4	1	1			3	7	QTRN
BFAD0036	35.892	119.233	07	32880				4	1	1			3	7	QTRN
BFAD0037	35.892	119.179	07	32880				4	1	1			3	7	QTRN
BFAD0038	35.891	119.143	07	32880				4	1	1			3	7	QTRN
BFAD0039	35.892	119.116	07	32880				4	1	1			3	7	QTRN
BFAD0040	35.891	119.080	07	32880				4	1	1			3	7	QTRN
BFAD0041	35.920	119.249	07	32980				3	1	1			3	7	QTRN
BFAD0042	35.915	119.214	07	32980				3	1	1			3	7	QTRN
BFAD0043	35.951	119.215	07	32980				4	1	1			3	7	QTRN
BFAD0044	35.951	119.247	07	32980				4	1	1			3	7	QTRN
BFAD0045	35.978	119.205	07	32980				4	1	1			3	7	QTRN
BFAD0046	35.979	119.241	07	32980				3	1	1			3	7	QTRN
BFAD0047	35.979	119.178	07	32980				4	1	1			3	7	QTRN
BFAD0048	35.951	119.184	07	32980				4	1	1			3	7	QTRN
BFAD0049	35.927	119.179	07	32980				3	1	1			3	7	QTRN
BFAD0050	35.906	119.144	07	32980				4	1	1			3	7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	EH	SCIN	PTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-HIT	AG	AL
BFAC073	10		40.00	10	1	1	1	4	2	NI1101	2.03		<2	7.16
BFAC074	10		25.00	10	1	1	1	4	2		1.52		<2	7.48
BFAC075	10		25.00	10	1	1	1	4	2	NI1101	1.41		<2	6.99
BFAC076	10		30.00	10	1	1	1	4	2	NI1101	1.28		<2	7.25
BFAC077	10		30.00	10	1	1	1	4	2		1.76		<2	7.70
BFAD0001	10		24.00	10	1	1	1	1	2	NI1101	2.20		<2	8.39
BFAD0002	10		24.00	10	1	1	1	1	2	NI1101	2.07		<2	8.36
BFAD0003	10		33.00	10	1	1	1	1	2	NI1101	2.32		<2	6.12
BFAD0004	10		29.00	10	1	1	1	1	2	NI1101	2.44		<2	8.29
BFAD0005	10		34.00	10	1	1	1	1	1	NI1101	2.23		<2	8.32
BFAD0006	10		32.00	10	1	1	1	1	2	NI1101	1.08	2.70	<2	8.28
BFAD0007	10		34.00	10	1	1	1	4	2	NI1101	2.21		<2	9.32
BFAD0008	10		32.00	10	1	1	2	4	2	NI1101	1.59		<2	8.38
BFAD0009	10		36.00	10	1	1	2	4	2	NI1101	2.10		<2	9.29
BFAD0010	10		32.00	10	1	1	1	4	2	NI1101	1.55		<2	8.46
BFAD0011	10		30.00	10	1	1	2	4	2	NI1101	1.05		<2	8.91
BFAD0012	10		42.00	10	1	1	2	4	2	NI1101	1.59		<2	8.58
BFAD0013	10		30.00	10	1	1	1	1	2	NI1101	1.00		<2	8.31
BFAD0014	10		32.00	10	1	1	1	4	2	NI1101	2.07		<2	8.21
BFAD0015	10		28.00	10	1	1	1	1	2	NI1101	2.32		<2	8.30
BFAD0016	10		33.00	10	1	1	1	1	2	NI1101	1.53		<2	8.62
BFAD0017	10		32.00	10	1	1	2	4	2	NI1101	2.64		<2	8.16
BFAD0018	10		30.00	10	1	1	1	1	2	NI1101	2.26		<2	8.04
BFAD0019	10		32.00	10	1	1	1	1	2	NI1101	2.22		<2	8.25
BFAD0020	10		35.00	10	1	1	1	4	2	NI1101	2.34		<2	8.15
BFAD0021	10		30.00	10	1	1	1	1	2	NI1101	3.66		<2	8.23
BFAD0022	10		34.00	10	1	1	1	1	2	NI1101	3.22		<2	8.03
BFAD0023	10		33.00	10	1	1	1	1	2	NI1101	2.29		<2	8.20
BFAD0024	10		30.00	10	1	1	1	1	2	NI1101	1.59		<2	8.22
BFAD0025	10		32.00	10	1	1	1	1	2	NI1101	1.83		<2	8.43
BFAD0026	10		30.00	10	1	1	1	1	1	NI1101	2.08		<2	7.76
BFAD0027	10		25.00	10	1	1	1	1	2	NI1101	1.80		<2	3.65
BFAD0028	10		29.00	10	1	1	1	1	2	NI1101	2.79		<2	8.34
BFAD0029	10		31.00	10	1	1	1	1	2	NI1101	3.19		<2	8.54
BFAD0030	10		30.00	10	1	1	1	1	2	NI1101	2.09		<2	8.17
BFAD0031	10		31.00	10	1	1	1	1	2	NI1101	2.50		<2	8.31
BFAD0032	10		30.00	10	1	1	1	1	2	NI1101	2.36		<2	7.94
BFAD0033	10		31.00	10	1	1	1	1	2	NI1101	2.08		<2	8.03
BFAD0034	10		32.00	10	1	1	1	1	2	NI1101	2.17		<2	8.70
BFAD0035	10		32.00	10	1	1	1	1	2	NI1101	5.78		<2	8.45
BFAD0036	10		34.00	10	1	1	1	1	1	NI1101	2.75		<2	8.41
BFAD0037	10		32.00	10	1	1	1	1	2	NI1101	2.44		<2	8.03
BFAD0038	10		34.00	10	1	1	1	1	2	NI1101	2.15		<2	7.86
BFAD0039	10		35.00	10	1	1	1	1	2	NI1101	1.58		<2	7.68
BFAD0040	10		30.00	10	1	1	1	1	2	NI1101	1.58		<2	7.86
BFAD0041	10		34.00	10	1	1	1	4	2	NI1101	2.45		<2	7.63
BFAD0042	10		24.00	10	1	1	1	1	2	NI1101	2.24		<2	7.27
BFAD0043	10		30.00	10	1	1	1	1	2	NI1101	2.63		<2	8.29
BFAD0044	10		27.00	10	1	1	1	1	1	NI1101	2.26		<2	7.65
BFAD0045	10		30.00	10	1	1	1	1	1	NI1101	2.41		<2	7.50
BFAD0046	10		30.00	10	1	1	1	1	2	NI1101	1.55		<2	7.96
BFAD0047	10		34.00	10	1	1	1	1	1	NI1101	2.54		<2	7.74
BFAD0048	10		30.00	10	1	1	2	1	1	NI1101	3.82		<2	8.12
BFAD0049	10		24.00	10	1	1	2	1	1	NI1101	2.20		<2	7.63
BFAD0050	10		30.00	10	1	1	1	1	2	NI1101	3.07		<2	7.06

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFAC073	34	608	1	3.46	40	6	25	11	2.30	<15	1.05	19	21	0.99	502
BFAC074	20	672	1	4.18	38	5	19	7	1.69	<15	1.29	17	19	0.82	391
BFAC075	21	646	1	5.68	33	4	17	5	1.58	<15	1.11	15	15	0.83	388
BFAC076	29	656	1	3.95	38	6	25	10	1.81	<15	1.27	16	18	0.86	464
BFAC077	38	642	1	2.90	43	7	35	13	2.46	<15	1.39	15	25	1.00	570
BFAD001	17	597	1	2.24	39	9	35	21	2.51	<15	1.25	20	24	0.87	607
BFAD002	11	619	1	2.23	36	8	36	25	2.84	<15	1.35	17	23	0.85	607
BFAD003	16	630	1	2.09	47	9	37	15	2.70	<15	1.41	23	22	0.80	569
BFAD004	20	630	1	2.12	42	10	43	23	3.01	<15	1.54	20	28	0.87	644
BFAD005	21	646	1	1.99	52	11	45	22	3.09	<15	1.43	24	27	0.86	635
BFAD006	11	583	1	2.00	46	9	42	19	2.57	<15	1.23	31	28	1.05	556
BFAD007	14	512	1	2.64	43	11	35	17	3.23	<15	0.95	19	25	0.96	609
BFAD008	13	572	1	2.34	41	11	40	21	3.48	<15	1.14	15	35	1.13	660
BFAD009	13	571	1	1.67	48	10	47	18	3.37	<15	1.12	24	30	0.92	531
BFAD010	13	555	1	2.16	35	9	32	14	2.79	<15	1.09	16	22	0.79	639
BFAD011	10	489	1	2.82	34	9	26	10	2.53	<15	0.95	13	17	0.83	628
BFAD012	12	571	1	1.82	46	11	42	21	3.48	<15	1.29	23	31	0.99	704
BFAD013	20	533	1	1.69	43	11	49	26	3.48	<15	1.38	23	32	1.20	604
BFAD014	22	489	1	2.99	34	5	17	5	1.74	<15	0.93	11	7	0.45	596
BFAD015	23	594	1	2.19	45	8	38	20	2.83	<15	1.37	20	23	0.79	591
BFAD016	30	582	1	1.85	43	11	55	36	3.69	<15	1.44	23	39	1.28	722
BFAD017	23	489	1	2.72	42	11	43	18	3.60	<15	1.01	26	27	1.21	715
BFAD018	28	568	1	2.34	50	10	42	18	3.11	<15	1.35	22	22	0.88	694
BFAD019	22	578	1	2.10	42	9	39	18	2.57	<15	1.51	19	26	0.85	645
BFAD020	25	553	1	2.19	34	9	38	16	2.68	<15	1.15	17	21	0.85	601
BFAD021	25	587	1	2.24	44	8	35	15	2.83	<15	1.28	21	21	0.82	586
BFAD022	27	632	1	1.81	60	13	44	21	3.80	<15	1.27	27	32	1.11	627
BFAD023	20	618	1	2.20	43	7	28	15	2.57	<15	1.30	19	22	0.77	533
BFAD024	19	590	1	2.42	39	6	27	17	2.14	<15	1.27	17	16	0.64	495
BFAD025	28	593	1	2.10	42	9	39	17	2.54	<15	1.33	15	23	0.82	648
BFAD026	28	565	1	2.37	36	8	33	27	2.43	<15	1.23	17	18	0.73	580
BFAD027	25	618	1	2.39	37	9	33	15	2.61	<15	1.45	16	23	0.81	555
BFAD028	27	575	1	2.68	42	11	43	23	3.57	<15	1.38	19	29	1.15	706
BFAD029	30	578	1	2.22	60	13	46	28	3.54	<15	1.31	27	34	1.19	743
BFAD030	19	519	1	2.83	33	10	36	20	3.36	<15	1.11	16	23	1.16	673
BFAD031	14	537	1	2.70	39	11	39	19	3.59	<15	1.29	17	27	1.19	705
BFAD032	20	563	1	2.28	41	9	40	19	3.00	<15	1.23	15	22	0.88	636
BFAD033	21	571	1	2.43	44	9	40	19	3.05	<15	1.30	21	24	0.91	631
BFAD034	24	507	1	2.96	32	8	31	13	2.98	<15	1.14	14	21	1.00	606
BFAD035	15	534	1	2.65	36	9	37	17	3.12	<15	1.14	16	22	0.99	662
BFAD036	27	565	1	2.88	35	10	35	16	3.34	<15	1.31	17	27	1.19	715
BFAD037	20	560	1	2.66	43	10	36	20	3.34	<15	1.25	15	23	1.07	713
BFAD038	21	541	1	2.82	28	9	35	19	3.41	<15	1.25	14	25	1.06	686
BFAD039	25	569	1	2.11	42	10	42	21	3.13	<15	1.37	15	26	0.86	621
BFAD040	25	544	1	2.22	50	10	41	18	3.19	<15	1.21	21	23	0.87	666
BFAD041	20	496	1	3.05	50	12	28	10	4.15	<15	1.00	20	21	1.24	836
BFAD042	36	586	1	2.69	49	9	39	20	2.66	<15	1.23	22	22	0.98	603
BFAD043	20	594	1	2.86	43	10	29	14	3.60	<15	1.28	19	27	1.20	741
BFAD044	27	542	1	2.79	42	10	29	13	3.07	<15	1.12	15	24	1.21	753
BFAD045	17	468	1	3.28	40	9	36	6	4.14	<15	0.87	15	13	1.22	953
BFAD046	21	593	1	2.80	37	10	31	12	3.54	<15	1.18	17	23	1.10	726
BFAD047	17	551	1	2.62	43	11	32	13	3.68	<15	1.14	20	24	1.12	766
BFAD048	21	540	1	3.08	41	11	27	15	4.13	<15	1.12	18	24	1.27	307
BFAD049	23	561	1	2.39	46	10	43	15	3.55	<15	1.14	21	20	0.96	715
BFAD050	44	570	1	2.63	38	8	38	23	2.94	<15	1.35	17	21	0.97	663

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFAC073	<4	4.30	10	13	849	18	10	392	2	2877	64	18	72	19
BFAC074	<4	2.14	6	8	895	13	7	497	7	2011	44	14	53	14
BFAC075	<4	2.06	6	9	1040	<10	6	632	4	1846	38	14	42	14
BFAC076	<4	1.91	8	15	1048	<10	8	453	5	2386	51	14	49	18
BFAC077	<4	2.05	8	18	910	25	9	390	5	3060	92	15	74	23
BFAD001	<4	1.93	9	18	701	69	10	318	6	3298	71	16	119	23
BFAD002	<4	2.02	8	18	525	19	10	317	4	3442	73	15	203	23
BFAD003	<4	1.87	8	21	406	26	9	313	6	3421	71	15	73	26
BFAD004	<4	1.87	8	27	667	13	10	310	4	3421	79	16	117	27
BFAD005	<4	1.75	11	28	506	21	10	301	11	3544	31	16	85	28
BFAD006	<4	1.69	9	29	413	24	10	275	15	3225	75	16	148	25
BFAD007	<4	1.70	8	19	531	22	11	310	5	3208	81	15	98	19
BFAD008	<4	1.55	9	26	466	<10	11	264	3	3584	34	17	96	23
BFAD009	<4	1.40	9	28	247	<10	11	244	10	3561	86	16	72	30
BFAD010	<4	1.87	8	19	478	14	9	287	5	3101	60	14	69	20
BFAD011	<4	2.02	7	13	166	<10	10	320	6	2461	67	14	51	15
BFAD012	<4	1.55	10	24	421	11	11	249	5	3734	85	17	78	27
BFAD013	<4	1.33	9	33	322	<10	11	219	7	3405	84	18	85	29
BFAD014	<4	2.29	9	9	270	14	7	352	17	3221	57	15	33	19
BFAD015	<4	2.02	10	19	555	18	10	310	6	2445	77	16	109	31
BFAD016	<4	1.48	9	36	462	20	12	240	7	3705	93	19	134	34
BFAD017	<4	1.65	7	18	609	90	14	271	12	4145	102	18	105	34
BFAD018	<4	1.78	10	22	551	13	11	293	16	3582	87	17	101	27
BFAD019	<4	2.07	8	21	430	<10	11	284	5	3527	82	16	70	26
BFAD020	<4	1.63	8	22	376	10	10	286	6	3520	77	16	65	23
BFAD021	<4	1.82	9	17	624	12	10	307	5	3647	73	17	36	34
BFAD022	<4	1.37	10	23	705	28	12	265	16	3934	96	18	105	28
BFAD023	<4	2.02	9	12	507	31	10	329	8	3196	67	16	79	24
BFAD024	<4	2.16	8	15	437	78	9	338	9	3081	58	15	152	25
BFAD025	<4	1.83	9	23	400	12	11	299	10	3487	78	17	93	29
BFAD026	<4	1.90	8	14	622	12	9	304	8	3190	67	15	122	26
BFAD027	<4	2.17	7	16	496	<10	10	336	5	3067	68	15	78	22
BFAD028	<4	1.86	9	22	792	24	13	322	9	3780	97	18	100	24
BFAD029	<4	1.56	11	26	645	35	12	279	17	3950	104	17	111	25
BFAD030	<4	1.85	8	15	746	20	12	309	6	3550	92	16	115	20
BFAD031	<4	1.90	8	20	627	12	13	295	15	4027	99	17	111	27
BFAD032	<4	1.76	9	23	909	13	11	294	10	3460	84	17	106	27
BFAD033	<4	1.89	10	23	523	25	11	316	4	3540	85	17	109	26
BFAD034	<4	2.25	7	15	351	15	12	345	6	3070	82	16	76	17
BFAD035	<4	1.96	10	17	352	30	12	313	29	3733	87	16	90	25
BFAD036	<4	2.21	9	15	587	24	12	339	13	3398	97	18	82	24
BFAD037	<4	1.93	9	21	566	81	13	313	15	3730	97	19	96	23
BFAD038	<4	1.93	8	17	564	51	12	305	5	3730	70	18	88	26
BFAD039	<4	1.77	9	27	643	16	11	277	7	3651	37	17	101	28
BFAD040	<4	1.73	10	23	445	31	12	278	14	3790	51	17	76	31
BFAD041	<4	1.73	12	12	561	19	16	279	16	4400	107	25	83	29
BFAD042	<4	1.80	10	19	653	19	10	333	12	3375	86	16	128	28
BFAD043	<4	2.06	10	12	744	19	14	299	5	4007	100	22	85	22
BFAD044	<4	1.78	9	13	660	13	14	277	3	4080	101	22	82	26
BFAD045	<4	2.04	11	10	252	<10	19	286	4	6185	124	25	67	44
BFAD046	<4	1.99	9	13	491	19	13	306	<2	4251	97	21	78	25
BFAD047	<4	1.73	10	15	490	25	14	277	7	4255	104	22	102	27
BFAD048	<4	1.93	10	10	706	<10	15	297	4	4290	109	24	87	25
BFAD049	<4	1.74	10	22	339	16	12	288	12	4206	59	19	69	30
BFAD050	<4	1.60	8	21	2421	13	11	323	6	3372	81	16	114	25

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDC	S-DP	OCOR	CON1	CON2	CON3	FORM
BFAD051	35.950	119.146	07	32980				3	1	1			3	7	QTRN
BFAD052	35.979	119.141	07	32980				3	1	1			3	7	QTRN
BFAD053	35.892	119.041	07	33080				3	1	1			3	7	QTRN
BFAD054	35.900	119.018	07	33080				4	1	1			3	7	QTRN
BFAD055	35.928	119.016	07	33080				3	1	1			3	7	QTRN
BFAD056	35.950	119.016	06	33080				2	1	1			3	7	QTRN
BFAD057	35.979	119.017	07	33080				4	1	1			3	7	QTRN
BFAD058	35.994	119.046	07	33080				3	1	1			3	7	QTRN
BFAD059	35.993	119.107	07	33080				4	1	1			3	7	QTRN
BFAD060	35.965	119.115	07	33080				3	1	1			3	7	QTRN
BFAD061	35.965	119.082	07	33080				4	1	1			3	7	QTRN
BFAD062	35.964	119.055	07	33080				3	1	1			3	7	QTRN
BFAD063	35.942	119.107	07	33080				2	1	1				7	QTRN
BFAD064	35.917	119.107	07	33080				4	1	1			3	7	QTRN
BFAD065	35.920	119.070	07	33080				3	1	1				7	QTRN
BFAD066	35.947	119.070	07	33080				3	1	1			3	7	QTRN
BFAD067	35.936	119.043	07	33080				3	1	1			3	7	QTRN
BFAD068	35.913	119.044	07	33080				3	1	1			3	7	QTRN
BFAE001	35.851	118.870	07	50880				2	1	1				1	MSZC
BFAE002	35.831	118.862	07	50880				3	1	1				1	MSZC
BFAE003	35.816	118.844	07	50880				3	1	1				1	MSZC
BFAE004	35.825	118.806	07	50880				3	1	1				1	MSZC
BFAE005	35.829	118.765	07	50880				3	1	1				1	MSZC
BFAE006	35.855	118.762	07	50880				3	1	1				1	MSZC
BFAE007	35.861	118.787	07	50880				3	1	1				1	MSZC
BFAE008	35.872	118.802	07	50880				3	1	1				1	MSZC
BFAE009	35.884	118.812	07	50880				3	1	1				1	MSZC
BFAE010	35.880	118.829	07	50880				3	1	1				1	MSZC
BFAE011	35.891	118.846	07	50880				3	1	1				1	MSZC
BFAE012	35.891	118.868	07	50880				3	1	1				1	MSZC
BFAE013	35.802	118.824	07	50880				3	1	1				1	MSZC
BFAE014	35.790	118.799	07	50880				3	1	1				1	MSZC
BFAE015	35.786	118.772	07	50880				3	1	1				1	MSZC
BFAE016			07	50980				3	1	1				1	MSZC
BFAE017	35.891	118.945	07	50980				3	1	1				1	PLST
BFAE018	35.892	118.981	07	50980				3	1	1				1	PLST
BFAE019	35.935	118.982	07	50980				3	1	1				7	PLST
BFAE020	35.959	118.981	07	50980				3	1	1			7	1	PLST
BFAE021	35.986	118.980	07	50980				2	1	1			1	7	PLST
BFAE022	35.949	118.950	07	50980				3	1	1				1	MSZC
BFAE024	35.913	118.925	07	50980				3	1	1			1	8	MSZC
BFAE025	35.864	118.963	07	50980				3	1	1				1	PLST
BFAE026	35.848	118.962	06	50980				3	1	1				1	QTRN
BFAE027	35.826	118.943	07	50980				3	1	1				1	PLST
BFAE028	35.758	118.819	07	51280				3	1	1				1	MSZC
BFAE029	35.771	118.830	06	51280				3	1	1				1	MSZC
BFAE030	35.907	118.797	07	51280				3	1	1				8	MSZC
BFAE031	35.916	118.780	07	51280				3	1	1				8	MSZC
BFAE032	35.902	118.761	07	51280				3	1	1				8	PRCR
BFAE033	35.992	118.934	07	51280				3	1	1				1	MSZC
BFAE034	35.993	118.909	07	51280				3	1	1				1	MSZC
BFAF001	35.767	118.545	07	51380				4	1	1				8	MSZC
BFAF002	35.778	118.569	07	51380				3	1	1				2	MSZC
BFAF003	35.796	118.577	07	51580				3	1	1				8	MSZC
BFAF004	35.809	118.573	07	51580				3	1	1				8	MSZC

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	HAP	U-FL	U-NT	AG	AL
BFAD051	10		28.00	10	1	1	1	1	2	N11101	2.84		<2	7.94
BFAD052	10		30.00	10	1	1	1	4	1	N11101	3.09		<2	8.10
BFAD053	10		28.00	10	1	1	1	1	2	N11101	1.99		<2	8.04
BFAD054	10		26.00	10	1	1	1	1	2	N11101	1.09		<2	7.68
BFAD055	10		32.00	10	1	1	1	1	2	N11101	2.29		<2	8.07
BFAD056	10		19.00	10	1	1	1	1	2	N11101	1.67		<2	7.66
BFAD057	10		34.00	10	1	1	1	1	2	N11101	2.35		<2	7.37
BFAD058	10		36.00	10	1	1	1	1	2	N11101	2.33		<2	7.35
BFAD059	10		35.00	10	1	1	1	1	2	N11101	2.24		<2	7.71
BFAD060	10		24.00	10	1	1	1	1	2	N11101	2.22		<2	7.87
BFAD061	10		30.00	10	1	1	1	1	2	N11101	1.76		<2	7.73
BFAD062	10		32.00	10	1	1	1	4	2	N11101	1.76		<2	7.44
BFAD063	10		32.00	10	1	1	2	4	2	N11101	2.38		<2	7.91
BFAD064	10		28.00	10	1	1	1	1	2	N11101	1.87		<2	8.13
BFAD065	10		25.00	10	1	1	2	4	2	N11101	2.20		<2	7.72
BFAD066	10		30.00	10	1	1	1	1	1	N11101	2.49		<2	7.77
BFAD067	10		30.00	10	1	1	1	1	2	N11101	2.79		<2	7.35
BFAD068	10		26.00	10	1	1	1	1	2	N11101	1.16		<2	7.32
BFAE001	10		32.00	04	1	1	2	4	2	N11101	2.00		<2	8.07
BFAE002	10		26.00	04	1	1	2	4	2	N11101	3.48		<2	9.14
BFAE003	10		20.00	04	1	1	2	4	2	N11101	1.61		<2	7.96
BFAE004	10		29.00	04	1	1	2	4	2	N11101	2.33		<2	8.57
BFAE005	10		26.00	04	1	1	2	4	2	N11101	3.25		<2	7.91
BFAE006	10		30.00	04	1	1	2	4	2	N11101	4.29		<2	9.53
BFAE007	10		26.00	04	1	1	2	4	2	N11101	1.75		<2	7.42
BFAE008	10		16.00	04	1	1	2	4	2	N11101	1.51		<2	8.27
BFAE009	10		24.00	04	1	1	2	4	2	N11101	1.78		<2	8.41
BFAE010	10		20.00	04	1	1	2	4	2	N11101	1.30		<2	8.79
BFAE011	10		28.00	04	1	1	2	4	2	N11101	2.14		<2	10.03
BFAE012	10		22.00	04	1	1	2	4	2	N11101	2.94		<2	8.86
BFAE013	10		18.00	04	1	1	2	4	2	N11101	1.05		<2	8.96
BFAE014	10		32.00	04	1	1	2	4	2	N11101	2.47		<2	8.94
BFAE015	10		24.00	04	1	1	2	4	2	N11101	1.61		<2	9.36
BFAE016	10		26.00	04	1	1	2	4	2	N11101	1.68		<2	9.83
BFAE017	10		18.00	02	1	1	2	4	2	N11101	1.49		<2	8.49
BFAE018	10		28.00	02	1	1	2	4	2	N11101	1.30		<2	7.97
BFAE019	10		24.00	02	1	1	2	4	2	N11101	1.78		<2	7.85
BFAE020	10		30.00	02	1	1	2	4	2	N11101	2.84		<2	7.53
BFAE021	10		28.00	02	1	1	2	4	2	N11101	1.81		<2	8.01
BFAE022	10		28.00	04	1	1	2	4	2	N11101	2.27		<2	7.40
BFAE024	10		25.00	04	1	1	2	4	2	N11101	1.51		<2	7.66
BFAE025	10		22.00	02	1	1	2	4	2	N11101	2.04		<2	8.64
BFAE026	10		26.00	06	1	1	2	4	2	N11101	1.50		<2	8.66
BFAE027	10		32.00	02	1	1	2	4	2	N11101	2.21		<2	8.54
BFAE028	10		30.00	04	1	1	2	4	2	N11101	2.13		<2	8.34
BFAE029	10		16.00	04	1	1	2	4	2	N11101	2.32		<2	8.20
BFAE030	10		14.00	04	1	1	2	4	2	N11101	4.06		<2	8.18
BFAE031	10		16.00	04	1	1	2	4	2	N11101	1.42		<2	9.93
BFAE032	10		16.00	05	1	1	2	4	2	N11101	1.15		<2	9.22
BFAE033	10		24.00	04	1	1	2	4	2	N11101	2.17		<2	8.49
BFAE034	10		18.00	04	1	1	2	4	2	N11101	2.05		<2	8.22
BFAF001	10		28.00	04	1	1	4	2	3	N11101	3.94		<2	11.06
BFAF002	10		46.00	04	1	1	3	2	3	N11101	10.76		<2	9.09
BFAF003	10		56.00	04	1	1	3	2	3	N11101	7.92		<2	10.63
BFAF004	10		38.00	04	1	1	3	2	3	N11101	9.56		<2	9.17

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CU	CR	CO	FC	HF	K	LA	LI	MG	MN
BFAD051	27	558	1	2.26	39	11	40	18	3.37	<15	1.23	16	24	0.97	700
BFAD052	30	575	1	2.77	46	12	31	16	4.70	<15	1.25	22	29	1.24	785
BFAD053	13	568	1	1.95	39	3	37	16	2.65	<15	1.23	19	22	0.74	584
BFAD054	23	539	1	2.15	35	9	38	18	3.13	<15	0.93	17	26	1.01	579
BFAD055	20	596	1	1.70	54	12	50	65	3.16	<15	1.42	23	26	0.75	791
BFAD056	17	487	1	2.57	44	11	42	26	3.36	<15	0.85	19	20	1.04	696
BFAD057	18	595	1	1.94	41	8	42	110	3.17	<15	1.20	21	24	0.77	620
BFAD058	18	530	1	2.70	36	9	34	10	3.14	<15	1.03	16	15	0.96	678
BFAD059	24	528	1	2.47	40	10	39	13	3.59	<15	1.15	17	19	1.03	760
BFAD060	29	572	1	1.93	39	11	46	19	3.42	<15	1.29	19	25	0.90	693
BFAD061	19	516	1	2.19	44	12	45	28	3.73	<15	1.04	20	25	1.16	706
BFAD062	21	523	1	1.93	43	10	39	19	3.16	<15	1.09	20	23	0.85	636
BFAD063	26	568	1	1.99	50	12	48	27	3.72	<15	1.21	23	27	1.06	761
BFAD064	29	524	1	2.21	40	10	46	18	3.52	<15	1.23	18	27	1.02	677
BFAD065	30	553	1	2.17	41	10	45	21	3.27	<15	1.23	19	23	0.37	647
BFAD066	25	514	1	2.27	46	11	41	16	3.59	<15	1.05	20	23	0.99	733
BFAD067	27	502	1	1.93	51	10	44	54	3.12	<15	0.99	23	21	0.83	635
BFAD068	35	516	1	3.34	37	8	40	14	2.67	<15	0.79	15	18	0.91	571
BFAE001	33	546	1	2.12	25	5	17	10	1.62	<15	1.25	12	16	0.49	434
BFAE002	20	506	2	2.49	45	10	30	22	3.52	<15	1.39	22	36	1.08	753
BFAE003	26	447	1	2.90	27	10	52	13	3.49	<15	1.00	11	22	1.24	729
BFAE004	17	580	1	2.58	39	11	25	16	4.25	<15	1.24	17	26	1.18	842
BFAE005	29	501	1	2.77	54	18	60	39	6.23	<15	1.21	22	27	1.70	786
BFAE006	<10	334	1	2.73	31	14	16	15	5.64	<15	0.66	9	33	1.28	949
BFAE007	15	468	1	2.63	45	11	57	24	4.53	<15	0.76	18	11	1.08	961
BFAE008	20	277	1	4.54	40	20	43	58	6.34	<15	0.54	14	16	2.03	1211
BFAE009	26	572	1	3.19	48	13	48	18	4.35	<15	1.17	18	19	1.39	858
BFAE010	16	393	1	4.17	35	13	19	7	3.96	<15	0.61	12	12	1.27	1113
BFAE011	<10	866	<1	2.77	<10	10	<1	<2	5.62	<15	1.77	<2	14	1.33	970
BFAE012	21	478	1	3.45	42	10	29	14	3.95	<15	0.83	17	16	0.96	851
BFAE013	<10	376	1	3.83	27	16	36	14	4.97	<15	0.84	10	14	1.53	991
BFAE014	<10	395	1	3.01	39	13	44	21	4.10	<15	0.91	13	26	1.19	884
BFAE015	<10	490	1	3.23	37	16	72	20	4.65	<15	1.19	16	19	1.02	991
BFAE016	14	548	1	2.39	46	10	31	15	3.14	<15	1.09	20	23	0.84	591
BFAE017	<10	694	1	2.86	47	15	30	21	4.78	<15	0.72	15	27	1.53	917
BFAE018	15	496	1	2.33	42	10	35	18	3.34	<15	1.00	18	24	1.10	687
BFAE019	12	575	1	2.37	41	10	44	42	3.17	<15	0.93	15	22	1.06	697
BFAE020	13	567	1	2.29	38	11	47	86	3.61	<15	3.59	18	22	1.17	760
BFAE021	13	582	1	2.17	36	10	45	56	3.43	<15	1.17	18	26	1.08	718
BFAE022	16	509	1	2.25	34	12	75	41	3.25	<15	1.13	15	19	1.32	747
BFAE024	16	604	1	2.20	35	11	36	15	3.15	<15	1.17	17	21	0.94	683
BFAE025	15	544	1	2.76	32	12	29	12	2.56	<15	0.84	14	16	0.79	729
BFAE026	13	430	1	3.61	26	8	29	7	2.93	<15	0.86	11	11	1.05	686
BFAE027	15	512	1	3.12	38	12	43	17	3.92	<15	1.06	16	24	1.32	772
BFAE028	<10	501	1	2.94	32	10	25	10	3.26	<15	1.10	14	20	1.06	824
BFAE029	11	404	1	3.57	29	15	71	20	5.06	<15	0.92	11	19	1.61	1048
BFAE030	10	306	1	4.39	57	17	8	25	7.91	<15	0.50	22	16	1.31	1522
BFAE031	15	254	<1	5.07	34	26	10	115	7.08	<15	0.50	12	19	1.28	883
BFAE032	14	243	1	5.01	36	26	11	109	6.61	<15	0.46	13	17	1.19	835
BFAE033	15	570	1	2.90	39	13	31	15	4.45	<15	1.31	15	29	1.36	818
BFAE034	<10	494	1	3.13	45	18	49	36	4.99	<15	0.97	20	19	1.65	992
BFAF001	26	866	2	1.58	62	7	13	18	3.05	<15	1.54	36	72	0.61	695
BFAF002	14	561	4	1.04	99	5	13	10	2.23	<15	1.80	61	67	0.35	1014
BFAF003	29	540	3	0.49	92	4	12	7	2.50	<15	2.12	46	115	0.31	403
BFAF004	10	483	4	1.51	108	5	6	5	3.56	<15	1.37	53	55	0.38	972

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	ND	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFAD051	<4	1.83	9	22	403	34	12	272	3	3798	92	16	76	25
BFAD052	<4	1.75	11	16	782	11	14	272	17	4497	109	23	96	23
BFAD053	<4	1.82	7	17	365	30	10	263	9	3427	79	16	68	28
BFAD054	<4	1.38	9	22	305	<10	11	228	2	3231	80	16	65	24
BFAD055	<4	1.59	9	31	447	28	11	232	10	3738	87	19	186	32
BFAD056	<4	1.45	9	20	406	21	13	240	15	2790	95	19	81	26
BFAD057	<4	1.42	10	22	672	36	11	254	4	3780	82	19	299	28
BFAD058	<4	1.85	9	12	358	186	13	273	7	3513	87	20	81	27
BFAD059	<4	1.85	10	18	339	20	14	262	7	4449	102	22	82	30
BFAD060	<4	1.60	9	26	336	15	12	251	8	3951	94	18	72	30
BFAD061	<4	1.44	10	26	520	29	13	236	10	3775	101	20	78	27
BFAD062	<4	1.53	9	24	436	32	11	233	12	3624	87	17	73	25
BFAD063	<4	1.44	9	27	521	15	13	249	7	4064	99	19	90	32
BFAD064	<4	1.73	9	24	358	28	12	267	5	3811	95	18	83	28
BFAD065	<4	1.63	9	21	437	13	12	260	9	3754	91	17	94	33
BFAD066	<4	1.56	10	21	417	18	13	247	15	4296	99	20	73	33
BFAD067	<4	1.40	10	23	358	71	11	232	14	3601	84	19	140	31
BFAD068	<4	1.55	9	22	403	29	11	272	3	2606	74	17	60	16
BFAE001	<4	2.42	6	10	329	20	7	235	5	2039	45	12	55	41
BFAE002	<4	1.92	9	12	1174	47	12	268	14	3807	83	22	144	22
BFAE003	<4	1.91	7	20	960	<10	16	275	<2	2937	58	20	80	19
BFAE004	<4	1.89	9	13	525	22	18	245	8	3852	105	20	93	26
BFAE005	<4	1.24	11	27	752	13	23	198	9	6276	188	32	105	20
BFAE006	<4	1.63	6	9	395	19	19	276	<2	5788	162	20	86	24
BFAE007	<4	1.33	16	25	226	11	14	263	13	10321	147	24	66	24
BFAE008	<4	1.67	7	16	1861	<10	17	325	4	5376	207	23	107	20
BFAE009	<4	1.95	9	17	818	15	20	289	9	5123	127	31	90	24
BFAE010	<4	2.18	6	7	768	10	24	337	5	3627	114	31	73	14
BFAE011	<4	2.06	<4	<2	1022	32	5	230	<2	4551	14	6	760	<2
BFAE012	<4	2.32	7	12	1201	54	20	322	4	3339	113	33	89	26
BFAE013	<4	2.11	8	13	542	23	19	305	<2	5036	146	18	101	20
BFAE014	<4	1.92	8	14	438	15	15	256	7	4103	111	17	89	21
BFAE015	<4	2.06	7	26	441	<10	18	269	6	4519	127	20	101	23
BFAE016	<4	2.03	10	19	340	13	11	297	8	3554	82	16	72	22
BFAE017	<4	1.65	8	20	997	15	18	267	7	4298	112	25	104	13
BFAE018	<4	1.60	8	22	603	58	13	249	7	3512	90	19	98	20
BFAE019	<4	1.24	9	26	392	12	11	231	7	3755	84	18	160	28
BFAEC20	<4	1.31	10	26	490	22	12	234	6	4268	94	20	310	28
BFAEC21	<4	1.42	9	27	316	14	12	226	<2	4224	90	19	152	27
BFAEC22	<4	1.45	9	64	466	25	12	225	4	3533	85	18	125	25
BFAEC24	<4	1.64	9	21	705	21	11	237	3	2610	83	19	169	26
BFAEC25	<4	1.80	7	20	462	16	10	287	5	2844	70	16	55	15
BFAEC26	<4	2.32	6	10	490	15	15	325	4	3392	89	21	64	17
BFAEC27	<4	1.85	9	18	625	<10	15	299	5	4249	112	18	85	22
BFAEC28	<4	2.10	9	12	415	<10	13	299	4	3788	86	18	74	29
BFAEC29	<4	1.92	9	22	708	22	18	253	7	5524	142	24	122	29
BFAEC30	<4	1.91	10	8	3531	<10	28	285	2	9239	160	49	146	21
BFAEC31	<4	1.63	5	8	5116	<10	16	377	<2	7548	151	27	119	11
BFAEC32	<4	1.51	6	9	5159	10	15	363	5	7268	172	26	114	11
BFAEC33	<4	1.84	11	13	695	11	14	265	4	4547	110	23	106	24
BFAEC34	<4	1.51	10	26	938	10	18	274	3	5096	153	23	98	27
BFAF001	<4	2.04	9	9	1489	<10	6	343	5	3275	51	12	145	15
BFAF002	<4	1.81	16	11	402	38	7	128	35	2152	29	46	95	72
BFAF003	<4	1.44	15	9	260	23	6	63	29	2020	30	22	77	77
BFAF004	<4	2.60	23	4	416	12	12	139	19	2375	25	78	121	71

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	ODCR	CON1	CON2	CON3	FORM
BFAF005	35.836	118.574	07	52080				3	1	1				2	MSZC
BFAF006	35.833	118.554	05	52080	12.0	60.00	0.40	3	4	3	2			8	MSZC
BFAF006	35.833	118.554	05	52080	12.0	60.00	0.40	3	4	3	2			8	MSZC
BFAF007	35.818	118.546	07	52080				3	1	1				2	MSZC
BFAF008	35.852	118.518	07	52080				3	1	1				2	MSZC
BFAF009	35.875	118.550	05	52080	14.0	60.00	0.45	3	6	3	2			2	MSZC
BFAF009	35.875	118.550	05	52080	14.0	60.00	0.45	3	6	3	2			2	MSZC
BFAF010	35.907	118.551	05	52080	10.0	45.00	0.40	3	4	2	2			2	MSZC
BFAF010	35.907	118.551	05	52080	10.0	45.00	0.40	3	4	2	2			2	MSZC
BFAF011	35.933	118.560	07	52080				3	1	1				2	MSZC
BFAF012	35.959	118.568	07	52080				3	1	1				2	MSZC
BFAF013	35.993	118.583	07	52180				3	1	1				2	MSZC
BFAF014	35.974	118.590	07	52180				3	1	1				2	MSZC
BFAF015	35.953	118.618	07	52180				3	1	1				2	MSZC
BFAF016	35.935	118.647	07	52180				3	1	1				8	MSZC
BFAF017	35.762	118.712	07	52180				3	1	1				8	MSZC
BFAF018	35.782	118.701	07	52180				3	1	1				8	MSZC
BFAF019	35.795	118.731	07	52180				3	1	1				8	MSZC
BFAF020	35.804	118.688	06	52180				3	1	1				8	MSZC
BFAF021	35.808	118.640	07	52180				3	1	1				8	MSZC
BFAF022	35.792	118.620	05	52280	9.0	50.00	0.60	3	5	3	2			8	MSZC
BFAF022	35.792	118.620	05	52280	9.0	50.00	0.60	3	5	3	2			8	MSZC
BFAF023	35.829	118.630	07	52280				3	1	1				8	MSZC
BFAF024	35.824	118.594	07	52280				3	1	1				8	MSZC
BFAF025	35.839	118.616	07	52280				3	1	1				8	MSZC
BFAF026	35.837	118.657	07	52280				3	1	1				8	MSZC
BFAF027	35.861	118.633	07	52280				3	1	1				8	MSZC
BFAF028	35.848	118.746	07	52280				3	1	1				8	MSZC
BFAF029	35.970	118.506	07	52780				3	1	1				2	MSZC
BFAF030	35.870	118.720	07	52280				3	1	1				8	MSZC
BFAF031	35.880	118.676	07	52280				3	1	1				8	MSZC
BFAF032	35.974	118.534	07	52780				3	1	1				2	MSZC
BFAF033	35.991	118.547	06	52780				3	1	1				2	MSZC
BFAF034	35.934	118.600	06	52780				3	1	1				2	MSZC
BFAF035	35.979	118.617	07	52780				3	1	1				2	MSZC
BFAF036	35.875	118.610	07	52780				3	1	1				2	MSZC
BFAF037	35.885	118.630	07	52780				3	1	1				8	MSZC
BFAF038	35.899	118.720	07	52780				3	1	1				8	MSZC
BFAF039	35.902	118.649	05	52780	10.0	90.00	0.95	3	6	3	2			8	MSZC
BFAF039	35.902	118.649	05	52780	10.0	90.00	0.95	3	6	3	2			8	MSZC
BFAF040	35.916	118.667	07	52780				3	1	1				8	MSZC
BFAF001	35.775	118.468	06	51980				3	1	1				8	ISBL
BFAF002	35.778	118.447	07	51980				3	1	1				8	QTRN
BFAF003	35.767	118.433	07	51980				3	1	1				8	QTRN
BFAF004	35.766	118.422	07	51980				3	1	1				8	QTRN
BFAF005	35.793	118.427	06	51980				3	1	1				8	KRNV
BFAF006	35.816	118.455	07	51980				3	1	1				9	ISUL
BFAF007	35.846	118.449	07	51980				3	1	1				8	KRNV
BFAF007	35.846	118.449	07	51980				3	1	1				8	KRNV
BFAF008	35.851	118.426	06	51980				3	1	1				8	ISUL
BFAF009	35.878	118.455	07	51980				3	1	1				8	ISUL
BFAF010	35.875	118.425	06	51980				3	1	1				8	KRNV
BFAF011	35.893	118.461	06	51980				3	1	1				8	ISBL
BFAF012	35.910	118.426	06	51980				3	1	1				8	ISBL
BFAF013	35.907	118.477	07	51980				3	1	1				8	ISHL

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFAF005	10		46.00	04	1	1	4	2	3	N11101	5.96		<2	10.11
BFAF006	10	7.6	28.00	04	4	4	2	2	1	N11101			<2	69.00
BFAF006	10	7.6	28.00	04	4	4	2	2	1	N11101	7.62		<2	8.23
BFAF007	10		42.00	04	1	1	4	2	3	N11101	3.80		<2	11.24
BFAF008	10		42.00	04	1	1	4	2	3	N11101	5.12		<2	8.60
BFAF009	10	6.6	28.00	04	3	4	3	2	3	N11101			<2	556.00
BFAF009	10	6.6	28.00	04	3	4	3	2	3	N11101	5.52		<2	8.71
BFAF010	10	7.0	40.00	04	4	4	3	2	3	N11101			<2	155.00
BFAF010	10	7.0	40.00	04	4	4	3	2	3	N11101	3.54		<2	7.70
BFAF011	10		26.00	04	1	1	2	2	3	N11101	3.35		<2	10.01
BFAF012	10		28.00	04	1	1	3	2	3	N11101	2.28		<2	11.35
BFAF013	10		39.00	04	1	1	3	2	3	N11101	3.19		<2	11.14
BFAF014	10		23.00	04	1	1	3	2	3	N11101	2.73		<2	11.20
BFAF015	10		30.00	04	1	1	2	2	3	N11101	2.61		<2	8.89
BFAF016	10		40.00	04	1	1	2	2	3	N11101	10.35		<2	10.08
BFAF017	10		28.00	04	1	1	2	2	2	N11101	3.49		<2	8.42
BFAF018	10		28.00	04	1	1	2	2	3	N11101	1.95		<2	8.80
BFAF019	10		26.00	04	1	1	2	2	2	N11101	2.05		<2	7.85
BFAF020	10		40.00	04	1	1	3	2	2	N11101	4.72		<2	9.22
BFAF021	10		66.00	04	1	1	3	2	3	N11101	8.57		<2	8.92
BFAF022	10	7.0	50.00	04	4	4	3	2	3	N11101			<2	<10.00
BFAF022	10	7.0	50.00	04	4	4	3	2	3	N11101	11.65		<2	8.72
BFAF023	10		38.00	04	1	1	3	2	3	N11101	2.62		<2	9.06
BFAF024	10		38.00	04	1	1	3	2	3	N11101	7.18		<2	9.34
BFAF025	10		44.00	04	1	1	3	2	3	N11101	2.91		<2	9.89
BFAF026	10		42.00	04	1	1	3	2	3	N11101	3.94		<2	9.10
BFAF027	10		32.00	04	1	1	3	2	3	N11101	5.66		<2	0.77
BFAF028	10		30.00	04	1	1	4	2	3	N11101	4.27	26.80	<2	7.43
BFAF029	10		32.00	04	1	1	4	2	3	N11101	4.15		<2	8.49
BFAF030	10		30.00	04	1	1	3	2	3	N11101	2.82		<2	9.13
BFAF031	10		38.00	04	1	1	2	2	3	N11101	3.96		<2	9.05
BFAF032	10		32.00	04	1	1	2	2	3	N11101	1.73		<2	11.42
BFAF033	10		32.00	04	1	1	3	2	3	N11101	3.41		<2	10.05
BFAFC34	10		24.00	04	1	1	3	2	3	N11101	1.59		<2	11.30
BFAF035	10		30.00	04	1	1	3	2	3	N11101	3.58		<2	11.00
BFAFC36	10		28.00	04	1	1	3	2	3	N11101	3.06		<2	9.68
BFAFC37	10		30.00	04	1	1	3	2	2	N11101	3.33		<2	10.51
BFAF038	10		32.00	04	1	1	3	2	3	N11101	2.29		<2	7.38
BFAF039	10	6.7	30.00	04	4	4	3	2	3	N11101			<2	55.00
BFAF039	10	6.7	30.00	04	4	4	3	2	3	N11101	3.81		<2	8.72
BFAF040	10		28.00	04	1	1	3	2	3	N11101	2.43		<2	8.64
BFAG001	10		50.00	04	1	1	3	3	2	N11101	3.00		<2	9.56
BFAG002	10		40.00	10	1	1	1	3	2	N11101	2.96		<2	8.74
BFAG003	10		40.00	10	1	1	2	3	2	N11101	2.31		<2	7.31
BFAG004	10		55.00	10	1	1	2	3	2	N11101	3.20		<2	6.96
BFAG005	10		30.00	05	1	1	4	3	2	N11101	9.13		<2	8.30
BFAG006	10		42.00	04	1	1	4	3	2	N11101	5.46		<2	8.87
BFAG007	10		45.00	05	1	1	4	3	2	N11101			<2	26.00
BFAG007	10		45.00	05	1	1	4	3	2	N11101	9.90		<2	8.26
BFAG008	10		40.00	04	1	1	4	3	2	N11101	26.13		<2	8.47
BFAG009	10		30.00	04	1	1	3	3	2	N11101	4.24		<2	10.13
BFAG010	10		40.00	05	1	1	4	3	2	N11101	3.36		<2	9.14
BFAG011	10		40.00	04	1	1	4	3	2	N11101	4.62		<2	8.07
BFAG012	10		40.00	04	1	1	3	3	2	N11101	6.15		<2	10.66
BFAG013	10		50.00	04	1	1	3	3	2	N11101	9.51		<2	8.41

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFAF005	20	447	2	2.30	68	13	27	11	4.06	<15	1.19	35	48	1.22	777
BFAF006	10	9	<1	5.20	<30	2	<4	3	31.00		1.30		3	0.80	3
BFAF006	20	510	1	3.28	42	14	33	12	4.98	<15	1.28	18	28	1.59	1232
BFAF007	13	686	4	0.68	81	<4	7	12	2.27	<15	2.22	65	42	0.31	345
BFAF008	107	415	2	1.19	74	7	7	7	3.56	<15	1.56	33	128	0.45	923
BFAF009	8	13	<1	6.20	<30	3	<4	8	154.00		1.20		<2	1.30	10
BFAF009	22	370	1	3.75	58	16	37	13	5.06	<15	0.76	24	27	1.78	1093
BFAF010	<4	4	<1	3.00	<30	<2	<4	8	90.00		0.70		<2	0.70	4
BFAF010	10	306	3	2.29	48	8	23	10	3.59	<15	1.09	21	32	0.69	903
BFAF011	<10	632	2	2.54	28	5	7	6	2.62	<15	1.14	18	29	0.58	483
BFAF012	12	1193	2	1.20	54	5	7	7	2.32	<15	2.05	30	39	0.46	437
BFAF013	15	724	4	1.55	49	4	7	40	1.92	<15	1.42	28	41	0.37	841
BFAF014	14	1221	4	1.10	57	4	8	7	2.00	<15	2.01	32	50	0.36	784
BFAF015	<10	637	2	1.82	45	7	12	10	3.07	<15	1.21	27	36	0.67	840
BFAF016	13	730	3	1.32	97	7	12	10	3.10	<15	1.25	62	30	0.44	1027
BFAF017	31	370	1	3.04	49	18	61	35	5.37	<15	0.72	20	19	1.79	935
BFAF018	11	473	1	3.05	38	17	47	31	5.02	<15	1.10	17	17	1.76	969
BFAF019	11	508	1	3.12	42	17	79	17	4.61	<15	1.08	17	15	1.92	1076
BFAF020	<10	494	1	3.65	41	12	33	7	3.98	<15	1.23	17	18	1.42	900
BFAF021	11	499	2	2.14	50	10	20	11	3.39	<15	1.57	26	28	0.88	644
BFAF022	9	5	<1	4.70	<30	<2	6	9	10.00		0.90		5	0.70	5
BFAF022	<10	477	2	3.20	62	10	19	7	4.13	<15	1.41	27	27	1.23	1043
BFAF023	13	681	1	3.07	40	16	58	21	4.62	<15	1.11	19	32	1.65	932
BFAF024	22	465	2	2.46	58	14	30	22	4.27	<15	1.15	27	41	1.35	973
BFAF025	<10	546	1	2.85	63	16	33	22	4.63	<15	0.93	28	29	1.38	764
BFAF026	13	738	2	1.75	48	4	11	28	1.90	<15	1.74	25	37	0.46	616
BFAF027	<10	597	2	3.24	91	10	9	7	3.96	<15	1.13	55	27	0.96	703
BFAF028	13	602	1	4.56	67	23	50	52	6.21	<15	0.95	23	20	2.27	1336
BFAF029	<10	614	2	3.39	75	16	51	17	4.99	<15	0.93	31	41	1.54	880
BFAF030	12	570	1	3.27	54	13	25	14	4.22	<15	1.19	29	27	1.26	743
BFAF031	12	632	2	2.41	37	7	14	10	2.93	<15	1.46	18	35	0.76	621
BFAF032	<10	593	2	2.44	34	6	5	5	2.49	<15	0.86	24	26	0.67	404
BFAF033	<10	734	2	2.63	52	6	7	3	4.15	<15	1.26	29	25	0.58	571
BFAF034	<10	723	3	2.17	42	4	5	5	1.69	<15	1.03	28	32	0.41	370
BFAF035	13	987	2	1.44	67	7	12	19	2.41	<15	1.39	42	47	0.58	1220
BFAF036	<10	527	1	3.74	37	14	37	14	4.14	<15	0.95	14	24	1.54	954
BFAF037	<10	557	1	2.20	40	16	30	14	5.26	<15	1.14	23	24	1.55	361
BFAF038	19	418	1	2.33	33	14	32	20	3.96	<15	1.25	13	29	1.13	934
BFAF039	14	18	<1	11.80	<30	4	<4	2	55.00		1.30		4	1.70	3
BFAF039	<10	496	2	3.38	50	12	17	7	5.17	<15	0.97	20	22	1.27	1030
BFAF040	<10	254	1	3.52	80	22	57	20	7.33	<15	0.78	27	17	2.44	1258
BFAF001	<10	582	3	1.13	47	5	11	8	2.40	<15	1.94	26	36	0.43	553
BFAF002	<10	562	3	1.11	50	5	11	8	2.37	<15	1.60	25	32	0.43	547
BFAF003	<10	524	3	1.11	45	5	12	7	1.94	<15	1.76	19	29	0.38	464
BFAF004	13	578	3	0.98	47	14	65	35	4.29	<15	1.54	23	45	0.66	910
BFAF005	10	482	3	2.24	151	11	29	16	3.62	<15	1.31	55	39	0.89	732
BFAF006	<10	540	2	1.95	83	7	12	10	3.81	<15	1.49	40	41	0.68	736
BFAF007	18	45	<1	21.00	<30	<2	<4	<2	26.00		3.00		6	2.30	9
BFAF007	13	620	2	2.94	67	12	40	16	5.29	<15	1.44	31	31	1.26	991
BFAF008	12	690	2	2.20	141	8	14	12	3.45	<15	1.63	64	59	0.66	524
BFAF009	26	643	2	1.27	73	8	11	23	4.17	<15	1.57	35	33	0.54	599
BFAF010	11	578	2	1.66	78	7	11	10	3.63	<15	1.53	37	29	0.59	912
BFAF011	<10	535	2	2.36	176	8	9	56	4.09	<15	1.28	45	28	0.68	753
BFAF012	15	587	2	1.61	94	9	10	126	5.06	<15	1.38	45	37	0.66	813
BFAF013	13	549	2	2.15	87	11	27	13	5.04	<15	1.30	40	45	0.91	878

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFAF005	<4	1.46	13	14	565	23	14	184	26	4074	103	26	85	61
BFAF006	<4	3.20	<4	<4	<40		1	35	<5	2	<4	<1	4	<2
BFAF006	<4	1.39	12	12	572	13	23	192	4	5031	135	33	91	39
BFAF007	<4	1.87	14	6	185	31	6	88	19	1491	18	27	118	35
BFAF008	<4	2.19	12	5	599	32	10	142	16	3272	55	27	92	18
BFAF009	<4	3.40	11	<4	<40		<1	40	<5	6	4	<1	11	<2
BFAF009	<4	1.50	12	11	656	11	25	222	12	5017	146	33	91	30
BFAF010	<4	2.50	4	6	<40		<1	27	<5	3	<4	1	6	<2
BFAF010	<4	2.29	22	27	556	<10	15	170	8	5069	65	41	71	20
BFAF011	<4	2.63	5	5	1255	<10	5	554	7	3289	55	6	90	11
BFAF012	<4	1.73	9	6	315	31	4	360	9	2793	37	7	97	15
BFAF013	<4	2.63	6	6	914	25	3	436	14	1976	33	4	154	11
BFAF014	<4	2.34	12	8	943	20	4	301	3	2297	26	8	127	22
BFAF015	<4	2.17	9	6	1508	13	7	312	6	3613	56	15	106	25
BFAF016	<4	1.94	13	7	778	22	8	140	22	2407	36	42	91	59
BFAF017	<4	1.27	10	23	625	28	22	183	10	5872	170	25	84	13
BFAF018	<4	1.37	7	22	692	11	21	201	4	5192	156	26	105	15
BFAF019	<4	1.39	10	27	366	16	22	203	4	4652	140	28	82	20
BFAF020	<4	1.90	10	13	468	16	17	305	13	4121	116	21	78	25
BFAF021	<4	1.92	11	9	463	38	9	238	33	3128	73	16	91	40
BFAF022	<4	1.60	6	7	<40		<1	29	11	2	<4	1	25	4
BFAF022	<4	2.09	16	6	680	10	21	202	26	4429	100	47	113	129
BFAF023	<4	1.40	9	19	1497	12	12	320	<2	4838	111	14	118	14
BFAF024	<4	1.39	10	15	1191	13	14	192	21	4175	113	21	97	38
BFAF025	<4	1.39	9	14	1181	<10	13	277	13	4513	110	16	98	12
BFAF026	<4	2.48	10	6	1302	17	4	347	13	2328	35	8	92	33
BFAF027	<4	2.09	12	5	1826	11	11	398	17	5135	89	17	104	13
BFAF028	<4	1.23	12	15	1626	21	30	238	11	5778	203	26	108	16
BFAF029	<4	1.57	20	14	1570	16	12	356	10	7281	135	24	102	14
BFAF030	<4	1.90	8	11	1304	13	12	319	11	4564	111	17	92	19
BFAF031	<4	2.58	9	6	966	24	8	376	4	3683	64	12	118	22
BFAF032	<4	2.47	5	2	187	<10	5	561	7	2869	45	7	89	9
BFAF033	<4	2.71	10	4	766	10	6	559	14	4618	78	8	84	16
BFAF034	<4	2.70	6	4	803	<10	4	569	6	2117	33	8	273	9
BFAF035	<4	1.66	7	9	2865	15	5	381	9	3001	46	13	294	13
BFAF036	<4	1.97	7	15	1199	38	15	338	11	3954	110	17	106	13
BFAF037	<4	1.09	9	12	429	11	14	226	7	5585	126	17	219	15
BFAF038	<4	1.85	10	17	945	<10	15	221	2	5003	130	22	90	15
BFAF039	<4	7.00	<4	5	<40		<1	73	<5	<2	<4	<1	8	<2
BFAF039	<4	2.23	16	7	570	21	18	288	7	6737	126	30	95	44
BFAF040	<4	1.18	13	14	127	10	31	169	14	4363	218	51	222	21
BFAF001	<4	2.37	12	7	325	<10	6	198	9	2446	39	14	61	32
BFAF002	<4	2.03	14	10	316	18	6	192	7	2486	40	13	60	32
BFAF003	<4	2.15	13	9	275	56	5	186	14	2300	37	8	47	29
BFAF004	<4	1.05	16	35	652	96	11	162	3	4598	110	11	98	28
BFAF005	<4	1.78	27	19	890	44	10	377	21	5737	86	22	77	42
BFAF006	<4	2.39	17	9	615	106	10	322	16	3673	55	30	128	23
BFAF007	<4	10.70	<4	<4	119		<1	182	<5	<2	5	<1	24	<2
BFAF007	<4	2.10	24	19	1160	20	13	359	19	6589	137	25	92	48
BFAF008	<4	2.38	27	10	1430	21	5	496	26	5433	73	20	106	23
BFAF009	<4	2.07	14	6	458	38	10	200	20	3751	57	34	109	31
BFAF010	<4	2.10	18	6	519	27	10	232	19	4424	56	34	109	28
BFAF011	<4	2.32	24	5	834	27	8	386	10	6142	93	27	97	22
BFAF012	<4	2.47	19	5	756	188	12	245	18	4620	59	49	105	39
BFAF013	<4	2.09	20	13	813	48	12	239	25	4910	92	40	116	39

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDC	S-DP	ODOR	CON1	CON2	CON3	FORM
BFAG014	35.943	118.477	07	51980				3	1	1				8	ISBL
BFAG015	35.937	118.463	06	51980				3	1	1				8	KRNV
BFAG016	35.969	118.482	07	52080				3	1	1				8	MSZC
BFAG017	35.976	118.442	07	52180				3	1	1				8	ISBL
BFAG018	35.984	118.430	07	52180				3	1	1				8	MSZC
BFAG019	35.985	118.412	05	52180	8.0	80.00	1.00	3	5	4	2			8	MSZC
BFAG019	35.985	118.412	05	52180	8.0	80.00	1.00	3	5	4	2			8	MSZC
BFAG020	35.967	118.417	06	52180				3	1	1	2			8	MSZC
BFAG021	35.943	118.398	05	52180	10.0	25.00	0.30	3	4	3	2			8	MSZC
BFAG021	35.943	118.398	05	52180	10.0	25.00	0.30	3	4	3	2			8	MSZC
BFAG022	35.925	118.386	07	52180				3	1	1				8	MSZC
BFAG023	35.901	118.364	07	52180				3	1	1				8	MSZC
BFAG024	35.887	118.354	07	52180				3	1	1				8	MSZC
BFAG025	35.906	118.339	05	52280	13.0	25.00	0.60	3	4	3	2			8	ISBL
BFAG025	35.906	118.338	05	52280	13.0	25.00	0.60	3	4	3	2			8	ISBL
BFAG026	35.874	118.348	07	52280				3	1	1				8	ISBL
BFAG027	35.856	118.344	07	52280				3	1	1				8	ISBL
BFAG028	35.922	118.351	06	52280				3	1	1				8	ISBL
BFAG029	35.955	118.383	06	52280				3	1	1				8	ISBL
BFAH001	35.764	118.082	06	52180				3	1	1			5	8	CRTC
BFAH002	35.783	118.082	08	52180				3	1	1				8	CRTC
BFAH003	35.790	118.067	06	52180				3	1	1				8	CRTC
BFAH004	35.817	118.053	06	52180				1	1	1			5	8	QTRN
BFAH005	35.816	118.081	06	52180				3	1	1				8	CRTC
BFAH006	35.825	118.109	06	52180				3	1	1				8	CRTC
BFAH007	35.836	118.045	06	52180				3	1	1				8	CRTC
BFAH008	35.840	118.025	06	52180				3	1	1				8	CRTC
BFAH009	35.853	118.029	07	52180				3	1	1				8	CRTC
BFAH010	35.868	118.013	06	52180				3	1	1				8	QTRN
BFAH011	35.893	118.001	06	52180				3	1	1				8	QTRN
BFAH012	35.753	118.108	06	52180				3	1	1			5	8	QTRN
BFAH013	35.877	118.034	06	52280				3	1	1			5	9	QTRN
BFAH014	35.884	118.058	06	52280				1	1	1			5	8	CRTC
BFAH015	35.911	118.077	06	52280				1	1	1			5	8	QTRN
BFAH016	35.873	118.082	07	52280				4	1	1			5	8	PLZC
BFAH017	35.898	118.113	06	52280				2	1	1			5	8	PLZC
BFAH018	35.897	118.132	08	52280				3	1	1			8	5	CRTC
BFAH019	35.889	118.146	07	52280				4	1	1			5	8	CRTC
BFAH020	35.865	118.129	06	52280				3	1	1			5	8	CRTC
BFAH021	35.846	118.150	06	52280				3	1	1		6	5	8	CRTC
BFAH022	35.834	118.129	06	52280				3	1	1				8	CRTC
BFAH023	35.895	118.031	06	52380				3	1	1				8	CRTC
BFAH024	35.919	118.041	06	52380				3	1	1				8	CRTC
BFAH025	35.942	118.060	06	52380				3	1	1				8	CRTC
BFAH026	35.951	118.086	06	52380				1	1	1				8	PLZC
BFAH027	35.979	118.089	07	52380				3	1	1				8	CRTC
BFAH028	35.999	118.101	08	52380				3	1	1				8	CRTC
BFAH029	35.965	118.104	07	52380				3	1	1				8	CRTC
BFAH030	35.892	118.185	06	52980				3	1	1				8	CRTC
BFAH031	35.908	118.173	06	52980				3	1	1			5	8	CRTC
BFAH032	35.926	118.154	06	52980				3	1	1			5	8	CRTC
BFAH033	35.949	118.163	06	52980				3	1	1			5	8	CRTC
BFAH034	35.965	118.149	06	52980				3	1	1			5	8	CRTC
BFBA001	35.606	119.752	07	40880				4	1	1				7	QTRN
BFBA002	35.592	119.767	07	40880				4	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	S_LVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFAG014	10		40.00	04	1	1	4	3	2	N11101	6.27		<2	8.25
BFAG015	10		40.00	05	1	1	4	3	2	N11101	14.94		<2	8.57
BFAG016	10		32.00	09	1	1	3	3	2	N11101	1.17		<2	13.96
BFAG017	10		55.00	04	1	1	3	3	2	N11101	10.20		<2	10.29
BFAG018	10		60.00	04	1	1	2	3	2	N11101	5.52		<2	10.35
BFAG019	10	7.5	55.00	04	4	3	3	3	2	N11101			<3	32.00
BFAG019	10	7.5	55.00	04	4	3	3	3	2	N11101	8.41		<2	7.51
BFAG020	10		45.00	04	1	1	2	2	3	N11101	4.67		<2	9.22
BFAG021	10	7.5	55.00	04	3	3	3	4	2	N11101			<2	52.00
BFAG021	10	7.5	55.00	04	3	3	3	4	2	N11101	16.65		<2	7.24
BFAG022	10		45.00	04	1	1	1	4	3	N11101	7.47		<2	10.94
BFAG023	10		60.00	04	1	1	2	4	3	N11101	16.20		<2	10.29
BFAG024	10		55.00	04	1	1	7	4	3	N11101	5.50		<2	9.32
BFAG025	10	7.2	65.00	04	3	4	2	2	3	N11101			<2	78.00
BFAG025	10	7.2	65.00	04	3	4	2	2	3	N11101	13.47		<2	3.37
BFAG026	10		65.00	04	1	1	3	2	2	N11101	4.58		<2	10.59
BFAG027	10		50.00	04	1	1	3	2	3	N11101	3.32		<2	10.79
BFAG028	10		45.00	04	1	1	3	2	3	N11101	18.66		<2	9.55
BFAG029	10		75.00	04	1	1	3	2	3	N11101	13.56		<2	10.29
BFAH001	10		55.00	04	1	1	3	3	2	N11101	3.83		<2	8.66
BFAH002	10		57.00	04	1	1	3	3	2	N11101	2.37		<2	9.13
BFAH003	10		55.00	04	1	1	3	2	2	N11101	4.40		<2	8.90
BFAH004	10		52.00	10	1	1	2	3	2	N11101	3.87		<2	8.49
BFAH005	10		55.00	04	1	1	3	3	2	N11101	3.76		<2	8.05
BFAH006	10		55.00	04	1	1	3	2	2	N11101	3.34		<2	8.99
BFAH007	10		65.00	04	1	1	2	2	2	N11101	4.31		<2	8.29
BFAH008	10		45.00	04	1	1	3	2	2	N11101	4.84		<2	9.25
BFAH009	10		68.00	04	1	1	3	2	2	N11101	2.75		<2	8.63
BFAH010	10		74.00	10	1	1	2	3	2	N11101	4.74		<2	8.23
BFAH011	10		50.00	10	1	1	3	4	2	N11101	4.74		<2	7.79
BFAH012	10		50.00	10	1	1	2	3	2	N11101	2.21		<2	8.72
BFAH013	10		125.00	10	1	1	3	3	2	N11101	10.59		<2	8.77
BFAH014	10		51.00	04	1	1	3	2	2	N11101	2.63		<2	7.91
BFAH015	10		65.00	10	1	1	2	2	2	N11101	2.94		<2	9.43
BFAH016	10		45.00	01	1	1	3	3	2	N11101	2.94		<2	5.93
BFAH017	10		69.00	05	1	1	3	2	2	N11101	1.90		<2	8.45
BFAH018	10		42.00	01	1	1	3	2	1	N11101	1.67		<2	7.72
BFAH019	10		42.00	04	1	1	3	2	2	N11101	3.56		<2	6.73
BFAH020	10		54.00	04	1	1	3	2	1	N11101	1.55		<2	7.78
BFAH021	10		53.00	04	1	1	3	2	2	N11101	1.91		<2	9.15
BFAH022	10		48.00	04	1	1	3	2	2	N11101	1.97		<2	8.18
BFAH023	10		125.00	04	1	1	2	3	2	N11101	3.58		<2	8.33
BFAH024	10		65.00	04	1	1	2	3	2	N11101	4.67		<2	8.15
BFAH025	10		74.00	04	1	1	2	3	2	N11101	4.36		<2	7.79
BFAH026	10		58.00	05	1	1	3	2	2	N11101	1.76		<2	7.61
BFAH027	10		80.00	04	1	1	1	3	2	N11101	5.80		<2	13.65
BFAH028	10		58.00	04	1	1	2	3	2	N11101	3.11		<2	7.99
BFAH029	10		88.00	04	1	1	3	2	2	N11101	3.86		<2	7.87
BFAH030	10		75.00	04	1	1	3	2	1	N11101	7.45		<2	9.34
BFAH031	10		84.00	04	1	1	2	2	1	N11101	2.58		<2	6.97
BFAH032	10		54.00	04	1	1	2	3	2	N11101	2.31		<2	8.89
BFAH033	10		55.00	04	1	1	2	3	2	N11101	3.59		<2	9.06
BFAH034	10		54.00	04	1	1	2	2	1	N11101	2.30		<2	8.77
BFBA001	10		30.00	10	1	1	1	1	3	N11101	1.37		<2	6.70
BFBA002	10		35.00	10	1	1	1	1	1	N11101	1.16		<2	7.10

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFAG014	20	594	2	0.77	77	21	60	41	4.74	<15	1.71	36	47	0.86	852
BFAG015	10	454	4	2.21	136	8	12	10	3.48	<15	1.21	59	44	0.50	513
BFAG016	<10	367	1	4.30	22	22	48	30	4.39	15	0.66	9	34	1.76	697
BFAG017	<10	315	3	1.96	118	8	6	9	3.46	<15	1.27	78	83	0.95	698
BFAG018	<10	398	3	1.77	111	8	7	8	3.02	<15	1.19	61	70	0.81	463
BFAG019	11	9	<1	10.80	<30	<2	<4	2	44.00		1.20		8	1.50	5
BFAG019	<10	907	2	2.30	63	10	45	17	4.40	<15	1.33	28	42	1.26	881
BFAG020	<10	655	2	2.96	58	12	16	14	4.01	<15	1.23	30	47	1.27	861
BFAG021	9	4	<1	3.90	<30	<2	<4	3	12.00		0.70		3	0.70	2
BFAG021	<10	1114	2	1.95	59	23	413	58	4.77	<15	1.26	29	55	1.75	1020
BFAG022	<10	319	3	2.99	158	5	7	12	2.77	<15	0.83	70	48	0.66	472
BFAG023	<10	692	3	2.33	70	13	21	37	3.50	<15	1.12	34	51	1.00	752
BFAG024	<10	673	3	2.01	63	8	26	16	2.89	<15	1.20	34	66	0.87	1455
BFAG025	8	4	<1	4.70	<30	<2	<4	2	42.00		0.50		4	0.60	3
BFAG025	10	610	3	0.85	68	<4	9	10	1.91	<15	2.09	33	49	0.34	986
BFAG026	<10	693	5	1.04	60	<4	2	6	0.94	<15	1.93	26	46	0.15	241
BFAG027	<10	859	4	1.16	63	<4	3	4	1.41	<15	1.94	32	47	0.17	351
BFAG028	<10	994	5	1.27	65	11	81	33	3.49	<15	1.49	38	91	1.22	1067
BFAG029	10	562	5	0.96	57	<4	13	9	1.66	<15	2.58	32	67	0.40	1160
BFAH001	<10	840	2	2.18	109	<4	9	20	2.46	<15	1.68	55	15	0.37	397
BFAH002	<10	897	3	2.93	129	<4	3	13	2.56	<15	1.53	62	40	0.44	400
BFAH003	16	604	2	2.16	120	8	42	16	2.64	<15	1.50	56	44	0.87	540
BFAH004	11	983	2	2.18	89	10	36	27	3.17	<15	1.41	45	30	1.11	572
BFAH005	<10	775	2	2.20	99	14	190	20	3.79	<15	1.15	47	38	1.67	732
BFAH006	10	558	2	2.28	129	7	13	15	3.08	<15	1.34	60	38	0.81	610
BFAH007	13	683	2	3.49	71	19	23	43	5.78	<15	1.51	34	34	1.81	1112
BFAH008	<10	897	3	1.84	105	5	8	49	2.74	<15	1.53	54	31	0.63	650
BFAH009	14	464	2	4.66	61	23	200	70	5.79	<15	1.18	27	33	2.73	1135
BFAH010	14	577	2	2.95	68	17	16	61	4.03	<15	1.55	33	29	1.63	1048
BFAH011	18	443	1	3.54	81	20	16	58	5.35	<15	1.40	36	25	1.69	1067
BFAH012	<10	790	2	2.09	67	5	16	12	2.16	<15	1.61	33	28	0.63	472
BFAH013	13	1035	2	3.04	86	14	26	52	4.61	<15	1.78	40	29	1.22	396
BFAH014	16	974	1	3.99	80	17	28	56	5.13	<15	1.15	37	20	1.78	971
BFAH015	<10	463	1	3.75	64	19	14	63	5.96	<15	1.34	30	26	1.91	1115
BFAH016	<10	3761	1	1.29	47	18	108	94	4.06	<15	1.85	28	33	1.68	702
BFAH017	12	1044	2	0.91	69	21	85	50	5.92	<15	2.22	37	38	1.46	649
BFAH018	<10	828	1	2.41	51	14	43	56	3.66	<15	1.36	26	26	1.33	936
BFAH019	<10	900	1	2.82	52	14	95	24	3.61	<15	1.23	23	17	1.72	1187
BFAH020	<10	731	1	4.08	63	22	63	84	5.93	<15	1.43	34	32	2.42	1215
BFAH021	<10	776	1	4.13	59	16	17	40	5.41	<15	1.24	29	57	1.80	1385
BFAH022	<10	459	1	4.79	80	23	21	162	6.37	<15	1.37	44	49	2.18	1341
BFAH023	<10	592	1	2.94	101	10	5	36	3.65	<15	1.87	44	18	0.89	808
BFAH024	<10	509	1	4.19	88	20	18	41	5.93	<15	1.44	38	17	1.65	1032
BFAH025	<10	507	1	3.55	77	19	16	55	5.60	<15	1.51	36	18	1.73	1058
BFAH026	10	722	1	3.62	65	15	23	55	5.14	<15	1.37	32	18	1.63	1044
BFAH027	10	847	1	7.85	159	32	46	85	11.15	<15	2.63	67	37	2.19	1854
BFAH028	<10	495	1	3.89	73	19	15	75	5.57	<15	1.51	33	27	1.75	1097
BFAH029	<10	543	1	3.52	79	14	24	37	4.88	<15	1.67	37	21	1.58	1013
BFAH030	<10	538	2	2.05	116	7	7	16	3.13	<15	1.57	55	78	0.81	729
BFAH031	<10	868	1	3.34	59	16	58	46	5.20	<15	1.35	30	20	1.76	1085
BFAH032	<10	612	2	2.40	106	11	17	22	3.57	<15	1.61	54	55	1.28	1201
BFAH033	<10	592	1	3.32	118	9	14	15	3.93	<15	1.57	56	46	1.25	807
BFAH034	<10	503	1	2.46	146	12	17	17	4.24	<15	1.79	78	70	1.52	1229
BFAA001	31	664	1	1.97	28	9	54	23	2.63	<15	1.34	14	37	0.92	333
BFAA002	33	673	1	1.90	24	9	57	28	3.60	<15	1.42	12	46	0.99	362

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFAG014	<4	0.77	17	35	590	34	12	140	19	5255	102	16	127	54
BFAG015	<4	2.34	31	13	1139	22	6	468	64	5744	71	23	87	31
BFAG016	<4	1.36	7	18	821	12	12	661	3	4325	104	10	76	17
BFAG017	<4	2.18	19	4	1074	11	6	489	18	4557	67	17	146	19
BFAG018	<4	1.74	17	6	1122	19	5	444	22	4330	66	14	109	18
BFAG019	<4	5.20	<4	<4	<40		<1	74	<5	<2	<4	<1	22	<2
BFAG019	9	1.42	21	23	1186	23	13	271	13	5160	126	23	129	31
BFAG020	<4	2.17	14	10	1557	24	9	553	9	5268	105	14	120	14
BFAG021	<4	3.50	5	<4	<40		<1	27	<5	<2	<4	<1	34	<2
BFAG021	10	0.70	19	227	1358	<10	11	157	6	5149	146	24	169	13
BFAG022	<4	2.64	28	8	2535	<10	5	667	17	6938	54	19	100	26
BFAG023	<4	1.92	15	16	909	27	8	385	38	3799	91	15	107	22
BFAG024	<4	2.01	16	16	1286	12	8	371	17	3495	67	16	120	24
BFAG025	<4	3.10	<4	9	<40		<1	24	<5	<2	<4	<1	31	<2
BFAG025	<4	2.68	26	6	356	21	7	104	11	2635	31	16	102	35
BFAG026	<4	2.67	16	2	172	25	3	230	15	1102	10	5	56	8
BFAG027	<4	2.69	20	<2	178	26	3	282	11	1624	13	6	74	8
BFAG028	<4	1.24	26	42	865	14	11	1e5	15	3969	104	30	129	27
BFAG029	<4	2.66	32	8	375	18	6	156	13	2356	31	13	70	56
BFAH001	<4	2.90	18	6	978	27	4	662	23	4446	61	15	48	19
BFAH002	<4	2.15	20	2	2277	12	4	625	7	4729	55	13	87	9
BFAH003	<4	2.55	22	22	1211	13	8	520	19	5766	84	17	115	19
BFAH004	<4	2.07	17	25	1217	19	9	512	13	5199	59	15	100	17
BFAH005	<4	1.75	19	95	1377	13	9	428	10	5471	107	15	102	15
BFAH006	<4	2.39	20	17	1876	23	7	539	16	5405	74	18	171	15
BFAH007	<4	1.45	19	16	1239	16	20	425	12	5357	165	28	103	9
BFAH008	<4	2.39	13	8	1178	23	6	583	14	3813	52	13	133	12
BFAH009	<4	1.49	13	49	854	14	29	394	6	4414	180	27	91	11
BFAH010	<4	1.49	16	18	1203	<10	16	388	13	4815	137	27	121	15
BFAH011	<4	1.31	18	16	1764	<10	23	389	10	5895	162	35	113	13
BFAH012	<4	2.71	13	12	955	27	6	580	10	3517	57	12	72	11
BFAH013	<4	1.62	26	18	777	14	18	416	42	4832	121	36	87	30
BFAH014	<4	1.36	17	20	1204	32	22	472	13	4803	161	28	94	18
BFAH015	<4	1.49	18	16	1331	<10	23	399	20	6192	165	25	103	28
BFAH016	<4	0.68	11	80	1477	<10	11	151	4	6170	165	20	184	24
BFAH017	<4	0.79	17	58	710	<10	17	160	10	6489	114	12	115	25
BFAH018	<4	1.44	11	35	846	<10	12	341	7	4574	136	20	111	16
BFAH019	<4	1.73	13	55	732	<10	12	380	6	6083	119	19	71	15
BFAH020	<4	1.56	12	42	2247	<10	19	491	7	7750	199	19	123	12
BFAH021	<4	1.93	15	15	1813	30	18	465	5	6185	182	26	119	11
BFAH022	<4	1.68	13	21	3761	<10	21	500	5	8191	225	22	124	9
BFAH023	<4	1.89	27	8	1422	<10	18	405	36	5080	105	48	73	25
BFAH024	<4	1.75	18	19	1459	<10	26	443	28	5775	150	44	86	20
BFAH025	<4	1.45	15	19	1483	<10	23	364	18	5935	159	36	102	10
BFAH026	<4	1.33	14	16	1136	<10	20	368	15	5561	159	32	99	14
BFAH027	<4	2.24	38	32	3786	<10	41	709	10	14070	377	64	186	33
BFAH028	<4	1.47	19	19	2314	<10	21	430	10	7342	178	35	156	9
BFAH029	<4	1.63	23	9	1102	<10	20	322	15	7072	154	35	106	16
BFAH030	<4	2.62	22	6	1777	<10	8	403	24	6170	77	17	135	32
BFAH031	<4	1.63	17	38	1729	<10	15	397	4	7669	166	21	103	21
BFAH032	<4	2.44	25	12	2074	<10	12	409	16	6722	56	22	136	22
BFAH033	<4	2.93	21	8	2619	<10	12	601	14	8891	112	22	128	25
BFAH034	<4	2.20	26	15	2023	<10	13	396	25	9154	118	22	180	24
BFAH001	<4	1.47	6	34	666	<10	9	243	4	2674	85	12	81	30
BFAH002	<4	1.58	6	36	621	<10	10	217	<2	2956	97	12	87	31

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	DOCR	CON1	CON2	CON3	FORM
BFBA003	35.577	119.782	07	40880				4	1	1				7	QTRN
BFBA004	35.561	119.797	07	40880				4	1	1				7	QTRN
BFBA005	35.544	119.780	07	40880				4	1	1			7	9	QTRN
BFBA006	35.529	119.761	07	40880				4	1	1			7	9	QTRN
BFBA007	35.513	119.751	07	40880				3	1	1				7	QTRN
BFBA008	35.549	119.760	07	40880				4	1	1				7	QTRN
BFBA009	35.575	119.816	07	40880				4	1	1			9	7	QTRN
BFBA010	35.572	119.849	07	40880				4	1	1				2	QTRN
BFBA011	35.585	119.829	06	40880				4	1	1				7	QTRN
BFBA012	35.600	119.848	07	40880				4	1	1				7	QTRN
BFBA013	35.615	119.876	07	40880				4	1	1				7	QTRN
BFBA014	35.614	119.899	07	40880				4	1	1				2	QTRN
BFBA015	35.614	119.923	07	40880				4	1	1				2	QTRN
BFBA016	35.595	119.947	07	40880				4	1	1				2	QTRN
BFBA017	35.582	119.970	07	40880				4	1	1			8	7	QTRN
BFBA018	35.575	119.991	07	40880				4	1	1			8	7	QTRN
BFBA019	35.614	119.948	06	40880				3	1	1				2	QTRN
BFBA020	35.619	119.974	06	40880				3	1	1			8	7	QTRN
BFBA021	35.614	119.852	07	40880				4	1	1				2	QTRN
BFBA022	35.615	119.822	07	40880				4	1	1				2	QTRN
BFBA023	35.615	119.777	07	40880				4	1	1				2	QTRN
BFBA024	35.604	119.800	06	40980				4	1	1				2	QTRN
BFBA025	35.592	119.901	07	40980				4	1	1				8	QTRN
BFBA026	35.572	119.895	07	40980				4	1	1				9	QTRN
BFBA027	35.556	119.883	07	40980				4	1	1				9	QTRN
BFBA028	35.541	119.869	07	40980				4	1	1				9	QTRN
BFBA029	35.519	119.859	07	40980				4	1	1				9	QTRN
BFBA030	35.507	119.841	07	40980				4	1	1			8	9	QTRN
BFBA031	35.502	119.814	07	40980				3	1	1			8	9	QTRN
BFBA032	35.514	119.795	07	40980				3	1	1				8	QTRN
BFBA033	35.556	119.868	07	40980				4	1	1				2	QTRN
BFBA034	35.552	119.913	07	40980				4	1	1				8	QTRN
BFBA035	35.531	119.908	06	40980				4	1	1				8	QTRN
BFBA036	35.580	119.939	06	40980				4	1	1		7	8	6	QTRN
BFBA037	35.566	119.929	06	40980				3	1	1			7	8	QTRN
BFBA038	35.645	119.761	06	40980				4	1	1				9	QTRN
BFBA039	35.665	119.770	07	40980				4	1	1				9	QTRN
BFBA040	35.674	119.786	07	40980				4	1	1				9	QTRN
BFBA041	35.692	119.786	07	40980				4	1	1			7	9	QTRN
BFBA042	35.697	119.812	07	40980				4	1	1				9	QTRN
BFBA043	35.713	119.831	07	40980				4	1	1				7	QTRN
BFBA044	35.637	119.881	07	41080				4	1	1				7	QTRN
BFBA045	35.658	119.895	07	41080				4	1	1				7	QTRN
BFBA046	35.659	119.926	07	41080				4	1	1				7	QTRN
BFBA047	35.657	119.974	07	41080				4	1	1				7	QTRN
BFBA048	35.638	119.974	07	41080				4	1	1				7	QTRN
BFBA049	35.646	119.938	07	41080				4	1	1				7	QTRN
BFBA050	35.687	119.915	07	41080				4	1	1				7	QTRN
BFBA051	35.688	119.955	07	41080				4	1	1				7	QTRN
BFBA052	35.688	119.977	07	41080				4	1	1			9	7	QTRN
BFBA053	35.687	119.879	07	41080				4	1	1				7	QTRN
BFBA054	35.717	119.935	07	41080				4	1	1				7	QTRN
BFBA055	35.709	119.955	07	41080				4	1	1				7	QTRN
BFBA056	35.735	119.949	07	41080				4	1	1			9	7	QTRN
BFBA057	35.731	119.984	07	41080				4	1	1			9	8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NIT	AG	AL
BFBA003	10		35.00	10	1	1	1	1	1	N11101	1.50		<2	7.27
BFBA004	10		30.00	10	1	1	1	1	1	N11101	1.64		<2	6.83
BFBA005	10		25.00	10	1	1	1	4	3	N11101	1.47		<2	6.46
BFBA005	10		30.00	10	1	1	1	4	3	N11101	1.63		<2	6.94
BFBA007	10		25.00	10	1	1	1	1	3	N11101	1.01		<2	5.82
BFBA008	10		25.00	10	1	1	1	1	1	N11101	1.13		<2	6.08
BFBA009	10		35.00	10	1	1	1	4	3	N11101	1.31		<2	6.05
BFBA010	10		35.00	10	1	1	2	3	2	N11101	1.44		<2	6.60
BFBA011	10		30.00	10	1	1	1	4	3	N11101	1.66		<2	6.98
BFBA012	10		35.00	10	1	1	1	4	3	N11101	1.07		<2	7.06
BFBA013	10		30.00	10	1	1	1	1	1	N11101	1.41		<2	6.85
BFBA014	10		29.00	10	1	1	1	4	3	N11101	1.75		<2	7.63
BFBA015	10		40.00	10	1	1	1	4	3	N11101	1.47		<2	7.28
BFBA016	10		30.00	10	1	1	2	4	3	N11101	1.48		<2	6.68
BFBA017	10		35.00	10	1	1	3	4	3	N11101	1.38		<2	6.53
BFBA018	10		30.00	10	1	1	3	4	3	N11101	1.47		<2	6.04
BFBA019	10		30.00	10	1	1	3	4	3	N11101	1.92		<2	6.52
BFBA020	10		50.00	10	1	1	3	4	3	N11101	3.16		<2	5.95
BFBA021	10		30.00	10	1	1	1	4	3	N11101	3.08		<2	6.77
BFBA022	10		30.00	10	1	1	1	4	3	N11101	2.01		<2	6.23
BFBA023	10		35.00	10	1	1	1	4	3	N11101	2.54		<2	6.65
BFBA024	10		35.00	10	1	1	1	4	3	N11101	1.60		<2	6.31
BFBA025	10		25.00	10	1	1	2	4	3	N11101	1.69		<2	6.06
BFBA026	10		25.00	10	1	1	2	4	3	N11101	1.33		<2	6.68
BFBA027	10		35.00	10	1	1	3	4	2	N11101	1.54		<2	6.28
BFBA028	10		30.00	10	1	1	2	4	3	N11101	1.74		<2	7.34
BFBA029	10		30.00	10	1	1	1	4	3	N11101	1.23		<2	7.56
BFBA030	10		25.00	10	1	1	1	4	3	N11101	1.04		<2	6.17
BFBA031	10		25.00	10	1	1	1	4	3	N11101	1.59		<2	5.74
BFBA032	10		30.00	10	1	1	2	4	3	N11101	1.67		<2	5.45
BFBA033	10		30.00	10	1	1	2	4	3	N11101	2.13		<2	6.15
BFBA034	10		30.00	10	1	1	1	4	3	N11101	2.68		<2	6.36
BFBA035	10		30.00	10	1	1	2	4	3	N11101	2.57		<2	5.96
BFBA036	10		38.00	10	1	1	2	4	3	N11101	1.93		<2	6.07
BFBA037	10		30.00	10	1	1	2	4	3	N11101	3.60		<2	5.34
BFBA038	10		30.00	10	1	1	3	4	3	N11101	3.20		<2	4.43
BFBA039	10		28.00	10	1	1	3	3	3	N11101	2.36		<2	6.52
BFBA040	10		30.00	10	1	1	3	4	3	N11101	2.38		<2	4.75
BFBA041	10		30.00	10	1	1	3	4	3	N11101	1.70		<2	6.40
BFBA042	10		25.00	10	1	1	2	4	3	N11101	3.57		<2	4.21
BFBA043	10		30.00	10	1	1	1	1	1	N11101	2.21		<2	6.65
BFBA044	10		40.00	10	1	1	2	4	3	N11101	3.26		<2	6.68
BFBA045	10		40.00	10	1	1	2	1	3	N11101	2.39		<2	6.51
BFBA046	10		35.00	10	1	1	2	1	3	N11101	2.33		<2	6.68
BFBA047	10		30.00	10	1	1	2	1	3	N11101	2.40		<2	6.63
BFBA048	10		30.00	10	1	1	2	1	3	N11101	2.26		<2	6.38
BFBA049	10		30.00	10	1	1	2	1	3	N11101	2.12		<2	6.35
BFBA050	10		25.00	10	1	1	1	1	2	N11101	2.17		<2	6.42
BFBA051	10		30.00	10	1	1	1	1	2	N11101	2.34		<2	6.35
BFBA052	10		20.00	10	1	1	3	4	3	N11101	2.76		<2	5.87
BFBA053	10		30.00	10	1	1	2	1	3	N11101	2.43		<2	6.41
BFBA054	10		25.00	10	1	1	2	4	1	N11101	2.47		<2	6.23
BFBA055	10		30.00	10	1	1	2	1	3	N11101	2.51		<2	5.96
BFBA056	10		30.00	10	1	1	2	4	3	N11101	1.59		<2	6.31
BFBA057	10		30.00	10	1	1	4	4	3	N11101	2.04		<2	5.57

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFBA003	33	679	1	1.89	27	9	57	29	2.99	<15	1.53	14	49	0.99	358
BFBA004	31	643	1	2.25	36	10	57	31	3.23	<15	1.13	16	41	1.04	377
BFBA005	25	664	1	2.44	29	7	53	22	2.44	<15	1.52	15	34	0.92	310
BFBA006	24	771	1	1.84	31	8	46	25	2.54	<15	1.71	14	42	0.81	308
BFBA007	20	797	1	1.11	25	5	30	16	1.71	<15	1.89	12	26	0.51	219
BFBA008	16	698	1	1.09	30	6	36	15	1.83	<15	1.63	14	23	0.58	233
BFBA009	20	550	1	1.62	28	6	50	15	1.50	<15	1.44	14	25	0.74	268
BFBA010	33	652	1	2.08	34	7	57	19	2.31	<15	1.44	17	31	0.90	306
BFBA011	31	734	1	2.34	26	6	52	18	2.16	<15	1.65	14	34	0.79	269
BFBA012	28	667	1	1.62	31	8	55	23	2.51	<15	1.64	16	34	0.99	360
BFBA013	33	645	1	1.81	35	8	50	22	2.37	<15	1.49	17	31	0.90	323
BFBA014	46	595	1	1.82	35	9	70	34	3.36	<15	1.51	17	48	1.21	371
BFBA015	59	508	1	2.10	31	10	67	33	3.18	<15	1.39	17	44	1.15	362
BFBA016	24	548	1	1.65	26	7	52	19	2.39	<15	1.54	14	29	0.95	354
BFBA017	40	611	1	2.22	22	8	52	27	2.58	<15	1.27	12	37	0.87	289
BFBA018	33	693	1	1.88	28	5	46	17	1.90	<15	1.50	14	26	0.65	259
BFBA019	38	777	1	2.50	30	5	43	18	2.12	<15	1.32	16	28	0.74	304
BFBA020	38	562	1	1.91	23	6	84	25	2.44	<15	1.22	14	30	0.75	259
BFBA021	31	636	1	1.91	30	6	50	21	2.38	<15	1.57	16	33	0.91	327
BFBA022	39	580	1	2.13	28	7	56	23	2.38	<15	1.26	15	35	0.92	307
BFBA023	41	672	1	2.80	39	8	78	24	2.60	<15	1.13	15	43	1.00	317
BFBA024	23	660	1	1.55	34	6	50	14	1.96	<15	1.52	16	25	0.70	259
BFBA025	23	615	1	1.61	31	6	49	17	2.06	<15	1.45	15	27	0.81	284
BFBA026	28	604	1	1.35	32	7	65	19	2.50	<15	1.53	16	34	1.02	334
BFBA027	40	717	1	1.99	19	6	46	18	2.16	<15	1.70	11	37	0.70	260
BFBA028	43	667	1	2.16	31	9	67	32	3.28	<15	1.45	16	49	1.10	349
BFBA029	40	746	1	1.77	34	11	60	36	3.42	<15	1.44	17	53	1.10	385
BFBA030	16	785	1	0.84	26	4	30	11	1.57	<15	1.96	13	25	0.46	187
BFBA031	16	819	1	0.75	23	<4	27	10	1.59	<15	1.93	11	22	0.42	177
BFBA032	14	826	1	0.83	26	<4	24	9	1.41	<15	1.68	12	18	0.39	162
BFBA033	25	649	1	2.30	24	6	53	19	2.39	<15	1.40	11	31	0.84	278
BFBA034	29	517	1	1.83	32	7	102	18	2.62	<15	1.30	17	41	0.97	296
BFBA035	29	629	1	1.69	36	6	69	16	2.19	<15	1.51	18	32	0.78	270
BFBA036	20	681	1	1.53	29	5	55	12	1.81	<15	1.39	15	22	0.67	228
BFBA037	34	562	1	3.41	26	6	74	13	2.25	<15	1.07	14	30	0.95	286
BFBA038	<10	454	1	7.55	19	5	41	14	1.73	<15	0.81	9	30	0.83	232
BFBA039	57	615	1	1.77	27	9	54	18	2.68	<15	1.39	14	37	0.98	359
BFBA040	<10	501	1	6.57	10	4	33	13	1.63	<15	0.95	7	36	0.96	202
BFBA041	30	756	1	1.77	27	8	47	18	2.25	<15	1.33	13	29	0.92	281
BFBA042	<10	460	<1	8.21	17	4	31	12	1.44	<15	0.81	8	31	0.85	183
BFBA043	40	658	1	1.79	32	7	54	21	2.57	<15	1.35	14	34	0.97	314
BFBA044	53	607	1	2.24	35	10	69	32	3.25	<15	1.14	15	42	1.12	347
BFBA045	30	659	1	2.28	33	8	48	19	2.34	<15	1.31	16	30	0.92	330
BFBA046	28	657	1	1.26	37	8	55	20	2.56	<15	1.43	17	28	0.92	359
BFBA047	37	633	1	2.23	32	7	56	22	2.62	<15	1.35	15	33	0.99	340
BFBA048	20	803	1	1.52	37	7	52	19	2.41	<15	1.32	18	27	0.89	330
BFBA049	31	658	1	1.83	38	7	48	20	2.29	<15	1.29	18	28	0.84	313
BFBA050	24	625	1	2.10	34	7	50	20	2.49	<15	1.23	15	31	0.92	330
BFBA051	22	646	1	1.95	33	7	51	18	2.34	<15	1.24	15	27	0.88	316
BFBA052	27	683	1	2.04	26	7	54	19	2.17	<15	1.36	11	30	0.90	312
BFBA053	35	647	1	1.65	33	6	50	18	2.34	<15	1.34	17	29	0.87	314
BFBA054	31	602	1	1.89	34	8	58	22	2.60	<15	1.27	15	33	0.96	335
BFBA055	29	1025	<1	1.88	39	5	39	14	2.00	<15	1.28	18	21	0.57	318
BFBA056	25	754	1	1.65	25	8	56	20	2.58	<15	1.33	12	32	0.37	342
BFBA057	59	947	1	2.37	34	4	44	13	1.70	<15	1.26	16	57	1.30	220

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBA003	<4	1.71	5	34	614	<10	10	218	5	2967	96	12	87	31
BFBA004	<4	1.36	6	34	492	<10	11	200	5	3071	104	12	79	32
BFBA005	<4	1.39	6	41	505	<10	7	234	9	2550	76	11	73	31
BFBA006	<4	1.59	5	32	510	<10	8	222	9	2497	78	10	72	25
BFBA007	<4	1.49	5	19	486	16	5	198	9	1778	51	8	53	19
BFBA008	<4	1.60	6	25	491	<10	6	211	6	2065	58	9	92	23
BFBA009	<4	1.49	5	34	711	<10	6	240	10	2270	63	10	59	26
BFBA010	<4	1.50	7	43	632	<10	7	246	3	2593	80	11	62	31
BFBA011	<4	1.95	6	37	898	<10	7	286	4	2326	71	11	66	28
BFBA012	<4	1.76	5	44	477	<10	8	258	<2	2856	76	12	69	36
BFBA013	<4	1.59	7	36	809	<10	8	251	7	2589	74	13	71	31
BFBA014	<4	1.41	6	47	995	<10	12	225	5	3002	108	15	99	40
BFBA015	<4	1.40	5	45	1040	10	11	245	11	2965	102	14	90	39
BFBA016	<4	1.51	5	41	655	<10	7	244	6	2740	71	12	62	33
BFBA017	<4	1.57	4	35	829	<10	9	245	4	2555	85	12	68	35
BFBA018	<4	1.51	6	30	1025	<10	6	251	3	2246	63	11	89	27
BFBA019	<4	1.71	7	30	642	<10	7	311	<2	2651	66	12	68	28
BFBA020	8	1.08	4	63	859	<10	7	220	4	2435	84	12	39	34
BFBA021	<4	1.54	4	38	818	<10	8	257	5	2665	74	12	69	33
BFBA022	<4	1.38	6	39	826	<10	8	249	2	2439	78	11	68	30
BFBA023	<4	1.29	8	51	1021	<10	9	303	6	2807	58	12	74	34
BFBA024	<4	1.58	6	34	729	<10	6	253	3	2620	64	11	56	28
BFBA025	<4	1.55	5	38	750	<10	7	236	4	2495	64	11	70	30
BFBA026	<4	1.45	6	51	680	<10	8	222	8	2733	74	12	70	35
BFBA027	<4	1.72	4	29	743	<10	7	224	<2	2235	69	11	63	25
BFBA028	<4	1.33	5	42	717	<10	11	194	7	3078	104	14	102	33
BFBA029	<4	1.50	6	40	487	<10	12	191	6	3196	104	14	88	31
BFBA030	<4	1.55	5	18	354	<10	5	203	<2	1724	45	7	47	20
BFBA031	<4	1.53	5	19	284	<10	5	184	4	1686	39	7	49	19
BFBA032	<4	1.42	6	20	296	<10	4	194	6	1673	37	7	41	19
BFBA033	<4	1.47	4	41	644	<10	7	231	6	2334	67	11	62	28
BFBA034	<4	1.30	6	66	1519	<10	8	202	12	2694	85	14	88	36
BFBA035	<4	1.17	8	44	1556	<10	7	191	9	2193	65	13	128	30
BFBA036	<4	1.50	5	37	619	<10	5	248	11	2132	54	10	55	28
BFBA037	<4	0.97	5	52	1575	<10	6	255	5	2317	71	12	76	32
BFBA038	<4	0.97	6	31	609	<10	6	1052	<2	1768	51	9	55	22
BFBA039	<4	1.74	5	45	691	<10	8	358	<2	2730	72	12	81	39
BFBA040	<4	1.19	4	24	559	<10	5	1647	3	1761	56	8	47	21
BFBA041	<4	1.69	5	39	521	<10	7	267	7	2268	65	10	61	30
BFBA042	<4	1.10	6	21	533	<10	5	1091	4	1694	46	8	40	20
BFBA043	<4	1.52	6	38	729	<10	8	252	4	2584	72	12	76	32
BFBA044	<4	1.30	6	47	886	<10	11	230	8	2820	93	13	106	39
BFBA045	<4	1.61	7	34	757	<10	7	270	2	2597	64	12	128	30
BFBA046	<4	1.61	7	45	563	<10	8	232	7	2727	69	12	131	32
BFBA047	<4	1.53	5	39	879	<10	8	262	9	2741	74	12	150	33
BFBA048	<4	1.52	6	39	719	<10	7	237	9	2572	65	12	126	32
BFBA049	<4	1.58	6	32	758	<10	7	246	10	2493	63	12	145	30
BFBA050	<4	1.53	5	37	864	<10	8	245	9	2603	68	12	80	31
BFBA051	<4	1.49	7	36	657	<10	7	250	5	2527	64	12	64	29
BFBA052	<4	1.49	5	41	717	<10	7	223	2	2313	63	10	64	27
BFBA053	<4	1.56	6	32	698	<10	7	244	11	2499	64	11	63	30
BFBA054	<4	1.40	6	43	746	<10	8	225	10	2619	73	11	68	30
BFBA055	<4	1.68	7	25	878	<10	6	268	11	3247	57	12	124	29
BFBA056	<4	1.50	5	46	517	<10	8	219	2	2500	69	10	66	28
BFBA057	<4	1.66	6	28	1488	<10	5	598	3	2114	40	11	54	27

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CUN2	CON3	FORM
BFBA058	35.716	119.974	07	41080				3	1	1				7	QTRN
BFBA059	35.749	119.973	07	41080				4	1	1				7	QTRN
BFBA060	35.730	119.919	07	41080				4	1	1				7	QTRN
BFBA061	35.716	119.902	07	41080				4	1	1				7	QTRN
BFBA062	35.746	119.891	07	41080				4	1	1				7	QTRN
BFBA063	35.731	119.874	07	41080				4	1	1				7	QTRN
BFBA064	35.715	119.866	07	41080				4	1	1				7	QTRN
BFBA065	35.687	119.848	07	41080				4	1	1				7	QTRN
BFBA066	35.659	119.848	07	41080				4	1	1				7	QTRN
BFBA067	35.658	119.819	07	41080				4	1	1				7	QTRN
BFBA068	35.643	119.799	07	41080				4	1	1				2	QTRN
BFBA069	35.731	119.839	07	41080				4	1	1				7	QTRN
BFBA070	35.731	119.813	07	41080				4	1	1				7	QTRN
BFBA071	35.731	119.786	07	41080				4	1	1				7	QTRN
BFBA072	35.731	119.759	07	41080				4	1	1				7	QTRN
BFBA073	35.709	119.759	07	41080				4	1	1				7	QTRN
BFBB001	35.520	119.535	07	40180				4	1	1				7	QTRN
BFBB002	35.508	119.509	07	40180				4	1	1				7	QTRN
BFBB003	35.528	119.510	07	40180				4	1	1				7	QTRN
BFBB004	35.504	119.605	07	40180				4	1	1				7	QTRN
BFBB005	35.515	119.614	07	40180				4	1	1				7	QTRN
BFBB006	35.530	119.618	07	40180				4	1	1				7	QTRN
BFBB007	35.532	119.599	07	40180				4	1	1				7	QTRN
BFBB008	35.550	119.617	07	40180				4	1	1			7	1	QTRN
BFBB009	35.571	119.616	07	40180				4	1	1				2	QTRN
BFBB010	35.585	119.599	07	40180				4	1	1				7	QTRN
BFBB011	35.587	119.579	07	40180				4	1	1				7	QTRN
BFBB012	35.615	119.580	07	40180				4	1	1				7	QTRN
BFBB013	35.615	119.617	07	40180				4	1	1				7	QTRN
BFBB014	35.596	119.617	07	40180				4	1	1			7	1	QTRN
BFBB015	35.617	119.646	07	40180				4	1	1				2	QTRN
BFBB016	35.617	119.675	07	40180				4	1	1				7	QTRN
BFBB017	35.616	119.701	07	40180				4	1	1				1	QTRN
BFBB018	35.602	119.689	07	40280				4	1	1				7	QTRN
BFBB019	35.585	119.689	07	40280				4	1	1				7	QTRN
BFBB020	35.569	119.689	07	40280				4	1	1				7	QTRN
BFBB021	35.564	119.707	07	40280				4	1	1				7	QTRN
BFBB022	35.544	119.690	07	40280				4	1	1				7	QTRN
BFBB023	35.544	119.706	07	40280				4	1	1				7	QTRN
BFBB024	35.506	119.652	07	40280				4	1	1				7	QTRN
BFBB025	35.506	119.689	07	40280				4	1	1				7	QTRN
BFBB026	35.506	119.723	07	40280				4	1	1				7	QTRN
BFBB027	35.521	119.730	07	40280				4	1	1				7	QTRN
BFBB028	35.537	119.734	07	40180				4	1	1				7	QTRN
BFBB029	35.550	119.744	07	40280				4	1	1				7	QTRN
BFBB030	35.522	119.689	07	40280				4	1	1				7	QTRN
BFBB031	35.529	119.662	07	40280				4	1	1				7	QTRN
BFBB032	35.543	119.670	07	40280				4	1	1				7	QTRN
BFBB033	35.624	119.748	07	40280				4	1	1				2	QTRN
BFBB034	35.605	119.740	07	40280				4	1	1				2	QTRN
BFBB035	35.586	119.741	07	40280				4	1	1				7	QTRN
BFBB036	35.568	119.737	07	40280				4	1	1				7	QTRN
BFBB037	35.634	119.579	07	40280				4	1	1				2	QTRN
BFBB038	35.650	119.579	07	40280				4	1	1				7	QTRN
BFBB039	35.659	119.597	07	40280				4	1	1				2	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-HT	AG	AL
BFBA058	10		30.00	10	1	1	3	4	3	NI1101	2.01		<2	5.63
BFBA059	10		35.00	10	1	1	2	1	3	NI1101	3.85		<2	6.71
BFBA060	10		25.00	10	1	1	2	4	3	NI1101	2.46		<2	6.52
BFBA061	10		30.00	10	1	1	2	4	2	NI1101	1.74		<2	6.93
BFBA062	10		25.00	10	1	1	2	1	3	NI1101	2.39		<2	6.31
BFBA063	10		30.00	10	1	1	2	1	3	NI1101	2.04		<2	6.74
BFBA064	10		25.00	10	1	1	2	1	3	NI1101	1.87		<2	6.62
BFBA065	10		25.00	10	1	1	2	1	2	NI1101	2.39		<2	6.56
BFBA066	10		25.00	10	1	1	2	1	3	NI1101	2.35		<2	6.71
BFBA067	10		30.00	10	1	1	2	1	3	NI1101	1.78		<2	6.60
BFBA068	10		30.00	10	1	1	2	4	3	NI1101	1.89		<2	6.77
BFBA069	10		30.00	10	1	1	2	1	3	NI1101	1.65		<2	6.47
BFBA070	10		30.00	10	1	1	1	1	1	NI1101	1.81		<2	6.50
BFBA071	10		30.00	10	1	1	1	1	1	NI1101	1.79		<2	6.63
BFBA072	10		28.00	10	1	1	1	1	1	NI1101	1.41		<2	6.34
BFBA073	10		28.00	10	1	1	1	1	1	NI1101	1.61		<2	6.12
BFBB001	10		55.00	10	1	1	1	1	1	NI1101	2.87		<2	7.08
BFBB002	10		50.00	10	1	1	1	1	1	NI1101	2.59		<2	6.62
BFBB003	10		30.00	10	1	1	1	1	1	NI1101	2.10		<2	7.19
BFBB004	10		40.00	10	1	1	1	1	1	NI1101	5.48		<2	6.39
BFBB005	10		40.00	10	1	1	1	1	1	NI1101	5.12		<2	7.47
BFBB006	10		50.00	10	1	1	1	1	1	NI1101	5.12		<2	7.15
BFBB007	10		50.00	10	1	1	1	1	1	NI1101	3.12		<2	7.27
BFBB008	10		45.00	10	1	1	3	1	2	NI1101	3.88		<2	7.39
BFBB009	10		40.00	10	1	1	1	4	3	NI1101	18.37		<2	6.28
BFBB010	10		55.00	10	1	1	1	1	1	NI1101	4.13		<2	6.92
BFBB011	10		50.00	10	1	1	1	1	1	NI1101	3.91		<2	6.29
BFBB012	10		45.00	10	1	1	1	1	1	NI1101	2.73		<2	7.10
BFBB013	10		50.00	10	1	1	1	1	1	NI1101	3.83		<2	6.65
BFBB014	10		40.00	10	1	1	1	4	1	NI1101	2.96		<2	6.70
BFBB015	10		60.00	10	1	1	1	4	3	NI1101	2.69		<2	7.30
BFBB016	10		40.00	10	1	1	1	4	3	NI1101	1.23		<2	6.32
BFBB017	10		55.00	10	1	1	1	4	3	NI1101	2.13		<2	6.75
BFBB018	10		30.00	10	1	1	1	4	3	NI1101	1.43		<2	6.79
BFBB019	10		35.00	10	1	1	1	1	1	NI1101	2.22		<2	6.94
BFBB020	10		40.00	10	1	1	1	1	2	NI1101	2.72		<2	6.86
BFBB021	10		35.00	10	1	1	1	4	3	NI1101	1.84		<2	6.31
BFBB022	10		35.00	10	1	1	1	4	3	NI1101	1.93		<2	6.85
BFBB023	10		35.00	10	1	1	1	1	1	NI1101	1.66		<2	6.43
BFBB024	10		40.00	10	1	1	1	1	1	NI1101	1.39		<2	5.93
BFBB025	10		40.00	10	1	1	1	1	1	NI1101	2.41		<2	6.09
BFBB026	10		35.00	10	1	1	1	1	1	NI1101	2.15		<2	6.18
BFBB027	10		40.00	10	1	1	1	1	1	NI1101	3.22		<2	7.79
BFBB028	10		40.00	10	1	1	1	1	2	NI1101	2.61		<2	7.50
BFBB029	10		45.00	10	1	1	1	1	1	NI1101	3.03		<2	7.37
BFBB030	10		<0.0	10	1	1	1	1	3	NI1101	2.45		<2	6.18
BFBB031	10		40.00	10	1	1	1	1	1	NI1101	1.86		<2	5.97
BFBB032	10		<0.0	10	1	1	1	1	1	NI1101	3.07		<2	6.50
BFBB033	10		<0.0	10	1	1	1	4	3	NI1101	2.38		<2	6.31
BFBB034	10		<0.0	10	1	1	1	4	3	NI1101	2.62		<2	7.40
BFBB035	10		<0.0	10	1	1	1	1	1	NI1101	1.52		<2	6.37
BFBB036	10		<0.0	10	1	1	1	1	1	NI1101	1.88		<2	6.48
BFBB037	10		<0.0	10	1	1	1	4	3	NI1101	2.45		<2	7.41
BFBB038	10		<0.0	10	1	1	1	4	3	NI1101	2.64		<2	6.93
BFBB039	10		<0.0	10	1	1	1	3	3	NI1101	3.03		<2	6.86

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFBA058	22	746	1	1.10	22	5	42	14	1.63	<15	1.53	12	22	0.63	267
BFBA059	23	557	1	1.20	33	9	88	24	3.22	<15	1.23	16	34	1.15	390
BFBA060	34	618	1	1.83	31	9	67	24	2.93	<15	1.30	14	37	1.07	388
BFBA061	23	652	1	1.60	37	7	56	21	2.73	<15	1.40	17	34	1.01	375
BFBA062	33	628	1	1.99	31	8	57	22	2.64	<15	1.20	14	32	0.98	358
BFBA063	35	612	1	1.83	28	7	59	22	2.82	<15	1.41	15	39	1.06	375
BFBA064	24	643	1	1.69	33	7	52	20	2.54	<15	1.35	16	30	0.98	347
BFBA065	45	604	1	2.11	30	8	60	27	2.92	<15	1.13	14	37	1.02	334
BFBA066	37	569	1	2.40	28	9	69	32	3.23	<15	1.13	14	44	1.16	335
BFBA067	38	595	1	1.85	31	7	61	25	2.85	<15	1.23	15	37	1.05	323
BFBA068	25	632	1	1.80	26	7	53	20	2.65	<15	1.36	15	33	1.00	364
BFBA069	29	638	1	1.77	25	8	53	19	2.50	<15	1.29	12	32	1.10	351
BFBA070	26	601	1	1.91	36	8	56	22	2.70	<15	1.24	16	35	1.03	342
BFBA071	36	624	1	1.69	29	8	56	23	2.67	16	1.27	16	36	1.02	329
BFBA072	27	651	1	1.25	28	6	44	16	2.15	<15	1.32	15	26	0.80	287
BFBA073	32	662	1	1.43	27	6	42	16	2.08	<15	1.22	12	25	0.81	271
BFBB001	22	772	1	3.29	53	8	37	25	2.89	<15	1.45	28	28	1.09	510
BFBB002	16	1213	1	2.58	66	7	40	12	3.08	<15	1.31	32	20	0.93	529
BFBB003	42	733	1	2.31	44	7	42	13	2.75	<15	1.39	22	26	1.01	606
BFBB004	46	563	1	1.64	42	7	47	23	2.72	<15	1.05	21	45	0.84	284
BFBB005	41	627	1	1.74	47	7	40	20	3.04	<15	1.35	25	46	0.79	335
BFBB006	38	648	1	1.92	47	6	39	18	2.69	<15	1.25	24	45	0.81	326
BFBB007	31	584	1	2.44	53	7	31	12	3.05	<15	1.18	27	40	0.36	366
BFBB008	29	629	1	1.91	54	8	38	15	2.79	<15	1.33	27	36	0.75	393
BFBB009	42	621	1	1.51	42	6	51	24	2.21	<15	1.22	20	42	0.75	331
BFBB010	47	1259	1	2.83	55	8	48	26	2.83	<15	1.22	27	43	0.94	287
BFBB011	105	503	1	4.16	49	9	51	30	3.26	<15	1.31	24	89	1.89	551
BFBB012	40	623	1	3.07	59	10	50	21	3.04	<15	1.39	28	26	1.16	588
BFBB013	43	604	1	3.62	46	7	42	18	2.44	<15	1.22	23	50	1.38	442
BFBB014	23	655	1	2.36	38	5	30	10	1.69	<15	1.21	18	27	0.78	326
BFBB015	25	694	2	2.22	60	6	32	15	2.49	<15	1.38	32	28	0.80	444
BFBB016	25	720	1	1.23	29	5	43	15	1.83	<15	1.55	14	23	0.64	253
BFBB017	44	773	1	3.57	34	9	61	29	2.88	<15	1.23	15	44	1.05	365
BFBB018	30	736	1	1.75	27	7	54	21	2.59	<15	1.52	13	33	0.83	320
BFBB019	30	737	1	2.84	27	8	57	25	2.70	<15	1.34	14	38	0.92	340
BFBB020	35	885	1	3.49	33	9	57	25	2.72	<15	1.27	17	40	1.01	343
BFBB021	27	701	1	1.78	29	6	44	17	2.12	<15	1.38	12	26	0.79	284
BFBB022	32	747	1	1.77	34	8	49	32	2.57	<15	1.51	15	36	0.80	318
BFBB023	30	744	1	2.18	42	9	50	24	2.55	<15	1.31	17	31	0.80	334
BFBB024	24	777	1	0.96	22	5	35	15	1.74	<15	1.69	12	23	0.53	220
BFBB025	28	758	1	1.63	36	7	47	20	2.17	<15	1.37	17	28	0.69	272
BFBB026	25	796	1	1.15	30	5	37	19	1.94	<15	1.71	14	27	0.55	237
BFBB027	45	747	1	2.26	37	12	75	43	3.56	<15	1.39	18	55	1.14	419
BFBB028	36	720	1	2.50	41	11	67	43	3.46	<15	1.30	18	49	1.12	413
BFBB029	44	763	1	2.88	38	9	62	31	3.24	<15	1.27	15	50	0.99	377
BFBB030	24	794	1	1.52	25	5	36	17	2.10	<15	1.70	11	31	0.64	265
BFBB031	20	778	1	1.18	33	5	35	15	1.98	<15	1.49	15	24	0.61	254
BFBB032	24	701	1	1.56	31	7	49	20	2.52	<15	1.41	15	34	0.83	313
BFBB033	24	658	1	2.35	30	7	59	17	2.36	<15	1.26	15	30	0.97	295
BFBB034	30	666	1	2.03	28	10	62	29	3.32	<15	1.48	14	54	1.13	383
BFBB035	25	686	1	2.02	27	7	48	18	2.37	<15	1.38	13	32	0.83	305
BFBB036	23	692	1	1.64	30	8	47	20	2.57	<15	1.33	14	33	0.88	328
BFBB037	31	658	1	2.30	56	8	48	17	2.98	<15	1.66	26	30	1.17	592
BFBB038	42	668	1	2.77	52	6	33	12	2.52	<15	1.50	26	38	1.23	552
BFBB039	74	755	1	1.90	43	5	42	12	2.22	<15	1.43	20	24	0.91	508

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBA058	<4	1.32	5	27	743	<10	6	213	7	1890	49	5	53	22
BFBA059	<4	1.34	4	68	443	<10	9	233	6	3069	32	13	33	40
BFBA060	<4	1.45	6	49	611	<10	9	219	5	2963	82	12	76	35
BFBA061	<4	1.68	6	44	502	<10	8	246	6	2898	73	12	108	33
BFBA062	<4	1.52	5	45	755	<10	8	241	11	2678	74	12	69	30
BFBA063	<4	1.55	5	41	720	<10	9	239	7	2939	79	12	75	32
BFBA064	<4	1.55	5	41	488	<10	8	244	9	2652	68	12	65	30
BFBA065	<4	1.40	6	41	749	<10	10	232	7	2759	82	12	82	36
BFBA066	<4	1.32	5	43	759	<10	10	224	8	2762	93	13	85	37
BFBA067	<4	1.40	6	41	535	<10	9	226	8	2710	79	12	76	33
BFBA068	<4	1.59	5	37	719	<10	8	257	3	2704	70	12	71	31
BFBA069	<4	1.48	5	38	761	<10	8	248	6	2529	69	11	74	29
BFBA070	<4	1.42	7	37	725	<10	9	239	9	2681	77	12	72	32
BFBA071	<4	1.56	7	40	561	<10	9	237	5	2703	74	12	72	34
BFBA072	<4	1.65	5	32	499	<10	7	240	7	2314	59	10	58	28
BFBA073	<4	1.52	4	31	596	<10	6	246	2	2163	59	10	53	25
BFBB001	<4	1.97	10	31	1097	<10	8	349	8	3243	73	16	82	24
BFBB002	<4	1.87	13	24	809	<10	8	344	10	3547	74	17	57	24
BFBB003	<4	2.04	8	28	1136	<10	8	336	6	3149	65	15	66	25
BFBB004	<4	1.43	7	32	598	<10	8	246	14	2698	68	12	86	21
BFBB005	<4	1.79	7	25	627	<10	8	267	11	3127	72	14	77	21
BFBB006	<4	1.76	8	23	625	<10	8	294	10	3082	66	13	64	23
BFBB007	<4	1.90	9	19	516	<10	8	323	17	3395	68	15	66	20
BFBB008	<4	1.79	11	20	527	<10	8	324	10	3094	73	14	55	22
BFBB009	<4	1.60	8	29	612	17	8	275	7	2695	73	12	57	24
BFBB010	<4	1.52	11	25	710	20	8	352	17	2756	81	13	82	23
BFBB011	7	1.67	9	32	1285	14	9	479	14	2708	101	12	86	23
BFBB012	<4	1.71	12	33	1198	18	9	386	14	3122	84	16	68	26
BFBB013	4	1.62	10	23	663	14	7	496	7	2676	70	12	65	24
BFBB014	<4	1.84	8	15	690	14	6	395	9	2169	50	11	41	18
BFBB015	<4	1.77	13	19	716	36	8	360	6	3157	71	16	69	24
BFBB016	<4	1.64	6	23	578	13	6	252	4	1941	59	10	46	22
BFBB017	<4	1.77	7	38	620	32	9	424	6	2735	95	12	87	30
BFBB018	<4	1.71	6	29	677	<10	8	250	<2	2425	76	11	61	29
BFBB019	<4	1.55	6	33	628	<10	9	253	4	2559	87	12	72	28
BFBB020	<4	1.42	9	38	838	13	8	295	3	2584	94	12	81	28
BFBB021	<4	1.56	5	28	808	18	7	251	6	2214	70	10	64	23
BFBB022	<4	1.51	6	30	602	14	8	239	6	2325	80	10	74	24
BFBB023	<4	1.28	8	29	587	23	8	231	14	2412	80	11	99	26
BFBB024	<4	1.43	5	19	616	12	5	212	2	1629	53	6	53	19
BFBB025	<4	1.25	7	28	671	17	7	224	5	2080	71	10	90	24
BFBB026	<4	1.50	5	22	681	15	6	208	6	1833	60	5	70	20
BFBB027	<4	1.19	7	47	812	15	12	231	7	3058	114	13	107	31
BFBB028	<4	1.19	8	37	525	10	11	226	8	2994	107	12	127	29
BFBB029	<4	1.20	9	38	529	11	10	261	12	2891	102	12	111	27
BFBB030	<4	1.64	4	27	625	<10	6	207	11	1987	57	5	73	19
BFBB031	<4	1.53	6	26	561	<10	6	199	6	1919	51	5	70	20
BFBB032	<4	1.48	6	31	540	<10	8	205	3	2385	66	10	82	23
BFBB033	<4	1.40	4	42	789	<10	7	256	11	2447	65	11	82	29
BFBB034	<4	1.91	5	42	439	<10	11	238	2	3056	87	13	84	32
BFBB035	<4	1.66	4	31	683	<10	7	236	7	2429	65	11	78	26
BFBB036	<4	1.60	7	32	542	<10	8	212	6	2534	70	11	76	26
BFBB037	<4	2.01	11	35	1310	<10	9	309	9	3239	70	15	78	30
BFBB038	<4	2.01	10	25	913	<10	7	409	17	3059	58	14	82	24
BFBB039	4	2.66	9	30	843	<10	7	394	4	3925	54	13	58	30

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	ODCR	CON1	CON2	CON3	FORM
BFBB040	35.676	119.579	07	40290				4	1	1				2	QTRN
BFBB041	35.695	119.579	07	40280				4	1	1				2	QTRN
BFBB042	35.716	119.579	07	40280				4	1	1				2	QTRN
BFBB043	35.599	119.653	07	40390				4	1	1				7	QTRN
BFBB044	35.581	119.653	07	40380				3	1	1				7	QTRN
BFBB045	35.560	119.653	07	40380				4	1	1				7	QTRN
BFBB047	35.600	119.561	07	40380				3	1	1				7	QTRN
BFBB048	35.578	119.544	07	40380				4	1	1			1	7	QTRN
BFBB049	35.572	119.516	07	40380				4	1	1				7	QTRN
BFBB050	35.551	119.509	07	40380				4	1	1				7	QTRN
BFBB051	35.589	119.507	07	40380				4	1	1				7	QTRN
BFBB052	35.616	119.507	07	40380				4	1	1				2	QTRN
BFBB053	35.637	119.508	07	40380				4	1	1				7	QTRN
BFBB054	35.636	119.527	07	40380				4	1	1				1	QTRN
BFBB055	35.658	119.509	07	40380				4	1	1				7	QTRN
BFBB056	35.674	119.544	07	40380				4	1	1				2	QTRN
BFBB057	35.673	119.523	07	40380				4	1	1				2	QTRN
BFBB058	35.691	119.507	07	40380				4	1	1				7	QTRN
BFBB059	35.703	119.525	06	40380				4	1	1				8	QTRN
BFBB060	35.718	119.542	07	40380				4	1	1				8	QTRN
BFBB061	35.715	119.508	06	40380				4	1	1				7	QTRN
BFBB062	35.638	119.597	07	40480				4	1	1				7	QTRN
BFBB063	35.734	119.578	07	40480				4	1	1			8	7	QTRN
BFBB064	35.749	119.578	07	40480				4	1	1			8	7	QTRN
BFBB065	35.717	119.598	07	40480				4	1	1				2	QTRN
BFBB066	35.717	119.620	07	40480				4	1	1				2	QTRN
BFBB067	35.635	119.552	07	40480				4	1	1				2	QTRN
BFBB068	35.627	119.689	07	40480				4	1	1				2	QTRN
BFBB069	35.646	119.689	07	40480				4	1	1			6	7	QTRN
BFBB070	35.645	119.708	07	40480				4	1	1				7	QTRN
BFBB071	35.645	119.734	07	40480				4	1	1				9	QTRN
BFBB072	35.666	119.705	07	40480				3	1	1				7	QTRN
BFBB073	35.666	119.729	07	40480				4	1	1				7	QTRN
BFBB074	35.667	119.682	07	40480				4	1	1				7	QTRN
BFBB075	35.687	119.689	07	40480				4	1	1				7	QTRN
BFBB076	35.689	119.666	07	40480				4	1	1				7	QTRN
BFBB077	35.704	119.689	07	40480				4	1	1				7	QTRN
BFBB078	35.702	119.715	07	40480				4	1	1				2	QTRN
BFBB079	35.704	119.743	07	40480				4	1	1				7	QTRN
BFBB080	35.732	119.742	07	40480				4	1	1				1	QTRN
BFBB081	35.732	119.712	07	40480				4	1	1				7	QTRN
BFBB082	35.732	119.690	07	40480				4	1	1				7	QTRN
BFBB083	35.749	119.689	07	40480				4	1	1				7	QTRN
BFBB084	35.747	119.665	07	40480				4	1	1				7	QTRN
BFBB085	35.674	119.662	06	40480				4	1	1				7	QTRN
BFBC001	35.515	119.274	07	31880				4	1	1		9	3	7	QTRN
BFBC002	35.514	119.307	07	31880				3	1	1		9	3	7	QTRN
BFBC003	35.514	119.331	07	31880				2	1	1		9	3	7	QTRN
BFBC004	35.515	119.367	07	31880				3	1	1		9	3	7	QTRN
BFBC005	35.511	119.383	07	31880				3	1	1		9	3	7	QTRN
BFBC006	35.528	119.403	07	31880				3	1	1		9	3	7	QTRN
BFBC007	35.528	119.430	07	31880				3	1	1		9	3	7	QTRN
BFBC008	35.523	119.474	07	31880				3	1	1		9	3	7	QTRN
BFBC009	35.557	119.484	07	31880				3	1	1		9	3	7	QTRN
BFBC010	35.558	119.451	07	31880				3	1	1		9	3	7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-HT	AG	AL
BFBB040	10		<0.0	10	1	1	1	4	3	NII101	4.02		<2	7.44
BFBB041	10		<0.0	10	1	1	1	3	2	NII101	2.50		<2	7.21
BFBB042	10		<0.0	10	1	1	1	3	2	NII101	2.95		<2	7.53
BFBB043	10		<0.0	10	1	1	2	1	1	NII101	1.26		<2	6.09
BFBB044	10		25.00	10	1	1	1	4	3	NII101	1.34		<2	5.31
BFBB045	10		25.00	10	1	1	1	1	1	NII101	1.48		<2	5.91
BFBB047	10		35.00	10	1	1	1	1	1	NII101	3.05		<2	7.34
BFBB048	10		40.00	10	1	1	1	1	3	NII101	3.40		<2	7.16
BFBB049	10		30.00	10	1	1	1	1	1	NII101	3.04		<2	7.41
BFBB050	10		30.00	10	1	1	1	4	3	NII101	11.76		<2	6.91
BFBB051	10		30.00	10	1	1	1	1	1	NII101	3.29		<2	7.39
BFBB052	10		35.00	10	1	1	1	4	3	NII101	2.66		<2	7.40
BFBB053	10		30.00	10	1	1	1	1	3	NII101	2.78		<2	7.83
BFBB054	10		35.00	10	1	1	1	4	3	NII101	3.19		<2	7.61
BFBB055	10		30.00	10	1	1	1	1	1	NII101	2.61		<2	8.05
BFBB056	10		35.00	10	1	1	1	4	3	NII101	2.70		<2	7.40
BFBB057	10		40.00	10	1	1	1	4	3	NII101	2.87		<2	7.78
BFBB058	10		30.00	10	1	1	1	1	3	NII101	2.57		<2	7.44
BFBB059	10		30.00	10	1	1	1	4	3	NII101	2.59		<2	7.38
BFBB060	10		35.00	10	1	1	1	4	3	NII101	2.75		<2	7.15
BFBB061	10		35.00	10	1	1	1	4	3	NII101	3.02		<2	7.35
BFBB062	10		40.00	10	1	1	1	3	2	NII101	2.57		<2	7.35
BFBB063	10		35.00	10	1	1	1	4	3	NII101	3.20		<2	7.20
BFBB064	10		35.00	10	1	1	1	4	3	NII101	2.16		<2	6.70
BFBB065	10		45.00	10	1	1	1	4	3	NII101	2.50		<2	7.06
BFBB066	10		40.00	10	1	1	1	4	3	NII101	2.56		<2	7.12
BFBB067	10		45.00	10	1	1	1	3	2	NII101	2.16		<2	7.34
BFBB068	10		25.00	10	1	1	1	4	3	NII101	2.79		<2	7.13
BFBB069	10		30.00	10	1	1	1	1	1	NII101	2.91		<2	6.99
BFBB070	10		30.00	10	1	1	1	1	1	NII101	2.55		<2	6.70
BFBB071	10		35.00	10	1	1	2	4	3	NII101	1.82		<2	7.45
BFBB072	10		30.00	10	1	1	1	1	1	NII101	2.06		<2	7.26
BFBB073	10		30.00	10	1	1	1	1	1	NII101	1.50		<2	6.97
BFBB074	10		25.00	10	1	1	1	1	1	NII101	1.69		<2	7.36
BFBB075	10		30.00	10	1	1	1	1	3	NII101	3.02		<2	7.66
BFBB076	10		30.00	10	1	1	1	1	3	NII101	2.73		<2	5.16
BFBB077	10		40.00	10	1	1	1	1	1	NII101	2.97		<2	7.56
BFBB078	10		35.00	10	1	1	1	4	2	NII101	2.16		<2	7.75
BFBB079	10		30.00	10	1	1	1	1	1	NII101	1.48		<2	7.44
BFBB080	10		30.00	10	1	1	1	3	2	NII101	1.21		<2	7.29
BFBB081	10		35.00	10	1	1	1	1	1	NII101	2.68		<2	7.37
BFBB082	10		38.00	10	1	1	1	1	1	NII101	2.04		<2	7.14
BFBB083	10		38.00	10	1	1	1	1	3	NII101	2.37		<2	7.68
BFBB084	10		35.00	10	1	1	1	1	3	NII101	3.98		<2	7.67
BFBB085	10		45.00	10	1	1	1	4	3	NII101	2.87		<2	7.57
BFBC001	10		34.00	10	1	1	1	1	2	NII101	2.04		<2	8.88
BFBC002	10		34.00	10	1	1	1	1	1	NII101	2.60		<2	8.82
BFBC003	10		44.00	10	1	1	1	1	2	NII101	3.17		<2	8.80
BFBC004	10		40.00	10	1	1	1	1	2	NII101	1.61		<2	3.72
BFBC005	10		42.00	10	1	1	1	1	1	NII101	4.08		<2	8.87
BFBC006	10		42.00	10	1	1	1	4	2	NII101	3.57		<2	9.28
BFBC007	10		44.00	10	1	1	1	1	2	NII101	3.10		<2	9.03
BFBC008	10		52.00	10	1	1	1	4	1	NII101	11.92		<2	8.95
BFBC009	10		44.00	10	1	1	1	1	1	NII101	2.10		<2	7.95
BFBC010	10		44.00	10	1	1	1	1	1	NII101	2.12		<2	8.53

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFBB040	20	665	1	1.97	56	5	26	10	2.38	<15	1.65	26	32	0.86	417
BFBB041	31	663	1	1.45	51	6	42	13	2.65	<15	1.46	27	35	1.02	490
BFBB042	19	635	1	2.36	65	7	26	10	2.08	<15	1.53	31	33	0.93	501
BFBB043	15	722	1	1.16	24	4	33	12	1.76	<15	1.47	12	21	0.60	241
BFBB044	17	714	1	1.17	22	<4	26	10	1.50	<15	1.26	11	15	0.46	175
BFBB045	17	745	1	1.07	19	<4	31	10	1.56	<15	1.54	11	19	0.51	201
BFBB047	23	640	1	2.98	52	8	36	16	2.95	<15	1.46	26	27	1.09	537
BFBB048	27	622	1	3.55	47	9	40	19	3.06	<15	1.46	25	30	1.15	551
BFBB049	25	663	1	3.49	47	9	40	20	3.15	<15	1.39	25	32	1.26	560
BFBB050	46	681	1	2.50	45	7	39	17	2.71	<15	1.45	22	34	0.99	456
BFBB051	28	658	1	2.45	54	9	45	43	3.12	<15	1.54	26	31	1.13	569
BFBB052	23	729	1	1.99	42	9	47	19	2.92	<15	1.52	22	31	1.08	550
BFBB053	27	658	1	2.02	44	9	42	15	3.17	<15	1.46	23	32	1.09	644
BFBB054	18	695	1	2.05	44	7	37	10	2.75	<15	1.31	22	23	0.94	560
BFBB055	29	634	1	1.87	46	10	44	18	3.48	<15	1.41	23	35	1.18	629
BFBB056	44	634	1	2.08	61	9	47	13	3.29	<15	1.57	26	44	1.35	581
BFBB057	21	626	1	1.71	60	10	42	17	3.38	<15	1.20	26	33	1.09	611
BFBB058	31	659	1	1.64	54	10	46	18	3.16	<15	1.33	26	32	1.07	635
BFBB059	33	696	1	2.58	55	6	30	11	2.36	<15	1.61	27	39	1.05	449
BFBB060	14	692	1	1.80	55	6	29	11	2.20	<15	1.57	26	30	0.85	391
BFBB061	33	717	1	2.72	51	6	23	11	2.14	<15	1.53	26	30	0.92	398
BFBB062	35	649	1	1.86	45	8	55	19	3.16	<15	1.67	22	37	1.26	721
BFBB063	27	667	1	1.83	53	6	31	11	2.36	<15	1.53	27	34	1.07	522
BFBB064	30	677	1	2.41	49	6	32	11	2.07	<15	1.42	26	39	1.14	404
BFBB065	25	651	1	2.13	57	6	27	11	2.11	<15	1.48	26	36	0.94	371
BFBB066	34	652	1	2.69	49	6	26	12	2.00	<15	1.66	26	36	0.85	395
BFBB067	25	716	1	2.41	50	6	41	11	2.49	<15	1.59	27	22	0.87	495
BFBB068	31	712	1	2.61	24	9	55	27	3.02	<15	1.41	12	45	1.05	410
BFBB069	66	740	1	2.61	34	9	61	27	2.95	<15	1.22	17	40	1.05	371
BFBB070	30	666	1	3.07	31	9	62	25	2.75	<15	1.17	15	39	1.05	353
BFBB071	27	651	1	1.93	27	7	46	17	2.19	<15	1.45	15	27	0.85	275
BFBB072	34	608	1	2.37	29	7	46	20	2.31	<15	1.28	15	26	0.87	305
BFBB073	27	543	1	1.45	27	7	45	18	2.25	<15	1.28	15	25	0.86	305
BFBB074	28	688	1	1.31	25	4	35	13	1.74	<15	1.70	12	21	0.58	310
BFBB075	46	618	1	1.91	31	8	50	19	2.61	<15	1.47	17	30	1.05	386
BFBB076	17	413	1	6.78	23	6	38	16	1.63	<15	0.88	10	31	1.33	334
BFBB077	125	566	1	1.87	33	9	64	24	3.08	<15	1.32	17	35	1.44	475
BFBB078	63	614	1	1.33	36	8	59	20	2.75	<15	1.34	15	30	1.14	364
BFBB079	61	615	1	1.79	29	7	50	20	2.43	28	1.38	14	27	0.92	313
BFBB080	52	616	1	1.25	24	7	43	16	2.14	<15	1.42	13	24	0.85	281
BFBB081	81	574	1	2.00	33	9	60	22	2.76	<15	1.24	16	35	1.38	369
BFBB082	52	560	1	3.73	45	8	42	16	2.23	27	1.20	21	33	1.41	393
BFBB083	32	572	1	3.27	37	8	52	18	2.56	<15	1.38	19	40	1.28	337
BFBB084	31	574	1	2.92	38	7	43	20	2.41	<15	1.35	15	37	0.91	236
BFBB085	27	592	1	2.40	39	6	45	17	2.40	22	1.28	20	34	1.06	371
BFBC001	13	574	1	2.42	45	9	29	11	2.96	24	1.40	20	21	0.94	579
BFBC002	11	577	1	2.50	36	8	29	10	2.94	<15	1.27	15	19	0.94	567
BFBC003	11	568	1	2.61	45	9	21	12	3.00	<15	1.33	22	21	0.96	584
BFBC004	<10	251	1	0.92	21	<4	14	5	1.50	<15	0.67	11	10	0.43	238
BFBC005	44	590	1	2.48	52	11	40	20	3.62	<15	1.43	25	36	1.18	602
BFBC006	32	589	1	2.09	54	13	46	24	3.98	<15	1.46	28	36	1.27	675
BFBC007	34	612	1	2.27	51	10	50	20	3.60	<15	1.76	27	35	1.17	656
BFBC008	25	602	2	1.97	61	11	43	28	3.76	<15	1.59	32	52	1.14	596
BFBC009	23	568	3	2.61	48	10	38	19	2.92	<15	1.34	25	26	1.05	550
BFBC010	20	683	2	2.31	50	8	38	15	2.97	<15	1.43	25	23	0.97	569

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBB040	<4	2.29	10	17	705	<10	7	342	16	3353	52	15	68	24
BFBB041	<4	2.30	9	23	550	<10	8	286	12	3113	55	14	74	29
BFBB042	<4	2.09	12	17	628	<10	8	352	16	3453	64	16	63	25
BFBB043	<4	1.71	4	23	464	<10	5	218	6	1991	48	8	45	20
BFBB044	<4	1.40	<4	15	390	<10	4	202	11	1704	44	8	38	17
BFBB045	<4	1.69	4	17	470	<10	5	213	<2	1735	42	8	47	19
BFBB047	<4	1.98	11	25	1025	<10	8	356	7	3250	70	16	199	25
BFBB048	<4	1.86	10	32	1277	<10	8	362	10	3217	78	15	76	25
BFBB049	<4	1.85	9	31	1086	<10	9	344	11	3315	70	16	76	25
BFBB050	<4	1.98	8	26	1382	<10	7	333	7	3034	76	14	79	21
BFBB051	<4	2.01	10	32	1063	<10	9	315	13	3485	75	17	90	29
BFBB052	<4	1.87	8	32	1117	<10	9	285	11	3332	71	15	102	30
BFBB053	<4	1.93	8	27	797	<10	10	259	5	3629	75	17	81	27
BFBB054	<4	2.03	8	22	560	<10	10	291	9	3765	68	17	67	27
BFBB055	<4	1.68	7	29	699	<10	11	266	12	3667	79	18	88	28
BFBB056	<4	1.92	11	32	1126	<10	9	290	13	3580	61	16	84	31
BFBB057	<4	1.46	9	27	538	<10	10	259	15	3660	75	17	34	29
BFBB058	<4	1.81	10	29	572	<10	9	278	12	3653	69	16	90	31
BFBB059	<4	2.31	10	18	893	<10	7	366	12	3245	55	16	63	26
BFBB060	<4	3.27	10	18	500	<10	7	326	12	3180	49	15	61	25
BFBB061	<4	2.04	8	17	743	<10	7	396	13	2947	53	15	66	21
BFBB062	<4	2.14	9	40	1479	<10	9	339	7	3378	74	15	80	34
BFBB063	<4	2.14	9	22	743	<10	7	340	13	3116	53	15	126	28
BFBB064	<4	1.97	9	25	962	<10	7	376	11	2706	49	13	59	24
BFBB065	<4	2.05	9	17	546	<10	7	338	16	2915	52	13	54	25
BFBB066	<4	2.19	9	17	660	<10	7	387	8	3003	62	14	52	26
BFBB067	<4	2.13	10	24	1016	<10	8	330	5	3461	71	15	54	29
BFBB068	<4	1.56	4	37	683	<10	10	262	<2	3160	100	13	101	32
BFBB069	<4	1.46	7	41	740	<10	10	254	9	3055	101	13	75	34
BFBB070	<4	1.35	6	43	722	<10	9	277	4	2969	96	13	83	35
BFBB071	<4	1.50	6	36	651	10	7	264	6	2240	77	10	55	29
BFBB072	<4	1.38	7	33	658	12	7	264	6	2369	76	11	66	31
BFBB073	<4	1.27	6	33	608	<10	7	218	7	2199	71	11	75	27
BFBB074	<4	1.40	5	23	601	<10	5	251	3	2103	57	10	53	24
BFBB075	<4	1.43	6	34	763	<10	8	285	3	2564	79	12	64	32
BFBB076	<4	0.91	6	27	979	<10	6	823	3	1860	63	5	48	25
BFBB077	4	1.27	5	44	998	14	9	276	9	2785	95	13	78	36
BFBB078	<4	1.46	7	41	768	10	9	241	7	2744	88	12	65	36
BFBB079	<4	1.49	7	36	691	24	8	254	8	2348	81	11	65	32
BFBB080	<4	1.49	5	32	590	11	7	251	3	2073	69	10	48	29
BFBB081	<4	1.23	6	44	791	12	9	320	7	2572	88	12	73	35
BFBB082	<4	1.43	9	28	916	21	7	408	16	2508	64	12	60	30
BFBB083	<4	1.63	9	39	734	<10	8	336	9	2705	74	12	68	32
BFBB084	<4	1.59	9	30	573	11	8	322	6	2674	70	12	54	28
BFBB085	5	1.52	3	30	553	11	7	290	11	2646	73	12	58	29
BFBC001	<4	1.83	10	12	556	14	11	278	10	3718	80	15	84	20
BFBC002	<4	1.73	9	13	644	13	11	273	6	3679	82	20	82	23
BFBC003	<4	1.76	10	14	558	20	11	323	13	4010	83	20	73	30
BFBC004	<4	0.78	4	5	223	<10	5	115	<2	1584	35	8	46	12
BFBC005	4	1.83	9	21	802	<10	10	304	13	3556	103	18	97	24
BFBC006	<4	1.33	9	28	858	24	11	262	13	3904	108	19	101	29
BFBC007	<4	1.84	10	35	1058	16	10	310	6	3661	99	18	106	32
BFBC008	<4	1.60	10	26	812	13	9	280	17	3431	123	16	97	25
BFBC009	<4	1.66	13	29	997	13	10	306	6	3332	86	17	67	30
BFBC010	<4	1.74	11	27	760	11	9	316	16	3378	85	17	64	26

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	ODOR	CON1	CON2	CON3	FORM
BFBC011	35.550	119.403	07	31880				3	1	1		9	3	7	QTRN
BFBC012	35.532	119.276	07	31980				3	1	1		9	3	7	QTRN
BFBC013	35.552	119.302	07	31980				3	1	1		9	3	7	QTRN
BFBC014	35.540	119.331	07	31980				4	1	1		9	3	7	QTRN
BFBC015	35.558	119.360	07	31990				3	1	1		9	3	7	QTRN
BFBC016	35.577	119.347	07	31980				3	1	1		9	3	7	QTRN
BFBC017	35.572	119.306	07	31980				4	1	1		9	3	7	QTRN
BFBC018	35.565	119.267	07	31980				3	1	1		9	3	7	QTRN
BFBC019	35.605	119.311	07	31980				3	1	1		9	3	7	QTRN
BFBC020	35.608	119.277	07	31980				3	1	1		9	3	7	QTRN
BFBC021	35.612	119.348	07	31980				3	1	1		9	3	7	QTRN
BFBC022	35.608	119.379	07	31980				3	1	1		9	3	7	QTRN
BFBC023	35.572	119.381	07	31980				3	1	1		9	3	7	QTRN
BFBC024	35.573	119.403	07	32180				3	1	1		9	3	7	QTRN
BFBC025	35.602	119.405	07	32180				3	1	1		9	3	7	QTRN
BFBC026	35.610	119.436	07	32180				3	1	1		9	3	7	QTRN
BFBC027	35.579	119.437	07	32180				3	1	1		9	3	7	QTRN
BFBC028	35.575	119.474	07	32180				3	1	1		9	3	7	QTRN
BFBC029	35.610	119.473	07	32180				3	1	1		9	3	7	QTRN
BFBC030	35.642	119.500	07	32180				3	1	1		9	3	7	QTRN
BFBC031	35.633	119.455	07	32180				3	1	1		9	3	7	QTRN
BFBC032	35.631	119.401	07	32180				3	1	1		9	3	7	QTRN
BFBC033	35.659	119.394	07	32180				3	1	1		9	3	7	QTRN
BFBC034	35.666	119.356	07	32180				3	1	1		9	3	7	QTRN
BFBC035	35.652	119.338	07	32180				3	1	1		9	3	7	QTRN
BFBC036	35.645	119.312	07	32180				3	1	1		9	3	7	QTRN
BFBC037	35.645	119.278	04	32280				3	1	1		9	3	7	QTRN
BFBC038	35.660	119.258	07	32280				3	1	1		9	3	7	QTRN
BFBC039			07	32280				3	1	1		9	3	7	QTRN
BFBC040	35.703	119.257	07	32280				3	1	1		9	3	7	QTRN
BFBC041	35.746	119.257	07	32280				3	1	1		9	3	7	QTRN
BFBC042	35.733	119.284	07	32280				3	1	1		9	3	7	QTRN
BFBC043	35.744	119.310	07	32280				3	1	1		9	3	7	QTRN
BFBC044	35.718	119.311	07	32280				3	1	1		9	3	7	QTRN
BFBC045	35.689	119.294	07	32280				3	1	1		9	3	7	QTRN
BFBC046	35.667	119.311	07	32280				3	1	1		9	3	7	QTRN
BFBC047	35.704	119.338	07	32280				3	1	1		9	3	7	QTRN
BFBC048	35.704	119.369	07	32280				3	1	1		9	3	7	QTRN
BFBC049	35.725	119.364	07	32280				3	1	1		9	3	7	QTRN
BFBC050	35.747	119.345	07	32280				3	1	1		9	3	7	QTRN
BFBC051	35.725	119.383	07	32580				4	1	1		9	3	7	QTRN
BFBC052	35.688	119.425	07	32580				4	1	1		9	3	7	QTRN
BFBC053	35.661	119.436	07	32580				4	1	1		9	3	7	QTRN
BFBC054	35.711	119.436	07	32580				3	1	1		9	3	7	QTRN
BFBC055	35.740	119.436	07	32580				2	1	1		9	3	7	QTRN
BFBC056	35.725	119.472	07	32580				4	1	1		9	3	7	QTRN
BFBC057	35.703	119.490	07	32580				4	1	1		9	3	7	QTRN
BFBC058	35.681	119.490	07	32580				4	1	1		9	3	7	QTRN
BFBD001	35.559	119.185	07	31880				3	1	1				7	QTRN
BFBD002	35.559	119.160	07	31880				3	1	1				7	QTRN
BFBD003	35.543	119.185	07	31880				3	1	1				7	QTRN
BFBD004	35.543	119.159	07	31880				3	1	1				2	QTRN
BFBD005	35.544	119.133	07	31880				3	1	1				7	QTRN
BFBD006	35.514	119.152	07	31880				3	1	1				7	QTRN
BFBD007	35.514	119.133	07	31880				3	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE EAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-HT	AG	AL
BFBC011	10		35.00	10	1	1	1	1	1	N11101	2.38		<2	8.74
BFBC012	10		36.00	10	1	1	1	1	1	N11101	2.51		<2	9.16
BFBC013	10		38.00	10	1	1	1	1	1	N11101	3.25		<2	9.10
BFBC014	10		36.00	10	1	1	1	1	1	N11101	3.28		<2	9.40
BFBC015	10		34.00	10	1	1	1	1	2	N11101	2.58		<2	9.37
BFBC016	10		36.00	10	1	1	1	1	1	N11101	2.29		<2	9.14
BFBC017	10		30.00	10	1	1	1	1	1	N11101	2.93		<2	9.36
BFBC018	10		30.00	10	1	1	1	1	1	N11101	2.88		<2	8.96
BFBC019	10		34.00	10	1	1	1	1	1	N11101	3.63		<2	9.51
BFBC020	10		32.00	10	1	1	1	1	1	N11101	3.06		<2	9.10
BFBC021	10		34.00	10	1	1	1	1	1	N11101	3.12		<2	9.05
BFBC022	10		34.00	10	1	1	1	1	1	N11101	3.03		<2	8.72
BFBC023	10		28.00	10	1	1	1	1	1	N11101	3.39		<2	8.78
BFBC024	10		38.00	10	1	1	1	1	1	N11101	2.04		<2	8.66
BFBC025	10		40.00	10	1	1	1	1	1	N11101	2.51		<2	9.15
BFBC026	10		39.00	10	1	1	1	1	1	N11101	2.54		<2	9.07
BFBC027	10		39.00	10	1	1	1	1	1	N11101	3.07		<2	8.63
BFBC028	10		42.00	10	1	1	1	1	1	N11101	2.71		<2	7.79
BFBC029	10		42.00	10	1	1	1	1	1	N11101	2.42		<2	8.12
BFBC030	10		42.00	10	1	1	1	1	1	N11101	2.38		<2	7.86
BFBC031	10		38.00	10	1	1	1	1	1	N11101	1.67		<2	8.11
BFBC032	10		34.00	10	1	1	1	1	1	N11101	1.46		<2	7.73
BFBC033	10		32.00	10	1	1	1	1	1	N11101	2.34		<2	8.11
BFBC034	10		36.00	10	1	1	1	1	2	N11101	2.58		<2	8.31
BFBC035	10		34.00	10	1	1	1	1	1	N11101	3.27		<2	8.30
BFBC036	10		35.00	10	1	1	1	1	2	N11101	2.63		<2	7.94
BFBC037	10		42.00	10	1	1	1	4	1	N11101	2.29		<2	8.08
BFBC038	10		40.00	10	1	1	1	1	1	N11101	3.11		<2	8.18
BFBC039	10		38.00	10	1	1	1	1	1	N11101	2.74		<2	7.68
BFBC040	10		44.00	10	1	1	1	1	2	N11101	2.50		<2	8.24
BFBC041	10		39.00	10	1	1	1	1	1	N11101	2.61		<2	8.33
BFBC042	10		46.00	10	1	1	1	1	1	N11101	3.22		<2	7.76
BFBC043	10		45.00	10	1	1	1	1	1	N11101	3.23		<2	7.23
BFBC044	10		39.00	10	1	1	1	1	1	N11101	2.76		<2	7.79
BFBC045	10		42.00	10	1	1	1	1	1	N11101	2.28		<2	7.62
BFBC046	10		36.00	10	1	1	1	1	1	N11101	3.00		<2	7.79
BFBC047	10		39.00	10	1	1	1	1	1	N11101	2.59		<2	7.80
BFBC048	10		42.00	10	1	1	1	1	1	N11101	3.33		<2	8.09
BFBC049	10		39.00	10	1	1	1	1	1	N11101	2.39		<2	7.42
BFBC050	10		34.00	10	1	1	1	1	1	N11101	3.10		<2	7.82
BFBC051	10		38.00	10	1	1	1	1	2	N11101	3.01		<2	7.22
BFBC052	10		37.00	10	1	1	1	1	1	N11101	3.16		<2	7.73
BFBC053	10		42.00	10	1	1	1	1	1	N11101	2.61		<2	7.55
BFBC054	10		45.00	10	1	1	1	1	2	N11101	3.73		<2	7.63
BFBC055	10		42.00	10	1	1	1	1	1	N11101	2.05		<2	7.35
BFBC056	10		48.00	10	1	1	1	4	2	N11101	2.15		<2	7.61
BFBC057	10		52.00	10	1	1	1	1	1	N11101	3.68		<2	7.50
BFBC058	10		45.00	10	1	1	1	4	2	N11101	4.44		<2	7.06
BFBD001	10		23.00	10	1	1	1	4	3	N11101	3.72		<2	7.71
BFBD002	10		31.00	10	1	1	1	4	3	N11101	3.28		<2	7.53
BFBD003	10		30.00	10	1	1	1	4	3	N11101	3.15		<2	7.70
BFBD004	10		30.00	10	1	1	1	4	3	N11101	2.77		<2	8.59
BFBD005	10		31.00	10	1	1	1	4	3	N11101	2.27		<2	7.44
BFBD006	10		31.00	10	1	1	1	4	3	N11101	3.33		<2	7.89
BFBD007	10		30.00	10	1	1	1	4	3	N11101	3.22		<2	7.61

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFBC011	24	591	1	2.70	41	9	37	36	3.29	<15	1.34	21	25	1.09	643
BFBC012	13	597	1	2.55	31	8	27	8	2.75	<15	1.27	16	17	0.89	549
BFBC013	12	585	1	2.65	31	8	32	12	2.97	<15	1.41	17	23	0.94	555
BFBC014	12	603	1	2.31	40	8	31	12	3.00	<15	1.49	20	23	0.91	559
BFBC015	14	596	1	2.17	42	10	37	15	3.37	<15	1.46	21	28	1.06	620
BFBC016	13	592	1	2.37	45	8	33	26	3.02	19	1.45	21	23	0.96	537
BFBC017	12	590	1	2.39	44	9	30	12	2.94	<15	1.34	22	22	0.95	548
BFBC018	<10	580	1	2.64	36	7	25	7	2.62	18	1.19	19	14	0.88	559
BFBC019	17	580	1	2.08	41	10	34	15	3.38	<15	1.38	21	28	0.98	600
BFBC020	15	583	1	2.28	42	8	31	15	3.03	16	1.27	21	21	0.92	548
BFBC021	13	577	1	2.30	33	8	30	12	2.94	15	1.35	18	21	0.91	570
BFBC022	12	564	1	2.15	33	9	34	13	3.24	<15	1.24	18	22	0.99	565
BFBC023	17	575	1	2.49	33	9	35	15	3.06	17	1.43	18	23	0.99	582
BFBC024	13	550	1	2.99	38	7	30	6	2.98	<15	1.22	15	14	1.05	729
BFBC025	17	633	1	2.43	39	8	36	13	3.05	<15	1.44	19	24	1.03	580
BFBC026	18	575	1	2.56	39	8	32	13	3.11	<15	1.34	20	24	1.04	565
BFBC027	21	661	1	2.40	40	8	34	14	2.70	<15	1.43	20	24	0.87	499
BFBC028	25	828	2	2.37	61	9	46	20	3.04	<15	1.57	30	28	1.07	605
BFBC029	26	632	1	2.58	58	9	40	14	3.17	<15	1.38	26	23	1.11	695
BFBC030	24	1099	1	2.20	55	11	49	21	3.39	<15	1.33	24	32	1.16	629
BFBC031	17	628	1	2.40	46	9	36	14	2.92	<15	1.36	21	24	1.02	585
BFBC032	28	611	1	2.34	50	9	40	16	2.92	<15	1.35	22	24	1.01	589
BFBC033	29	613	1	2.49	44	10	39	18	3.18	<15	1.43	23	31	1.07	610
BFBC034	20	607	1	2.23	47	8	31	14	2.77	<15	1.40	22	23	0.89	556
BFBC035	18	629	2	2.14	49	9	34	15	2.94	<15	1.53	23	26	0.95	569
BFBC036	22	585	1	2.43	50	10	37	21	3.14	<15	1.37	23	24	1.00	582
BFBC037	<10	630	1	2.45	50	7	26	10	2.43	<15	1.29	24	17	0.79	553
BFBC038	20	594	1	2.16	52	9	35	16	2.98	<15	1.36	24	24	0.94	592
BFBC039	19	589	1	2.10	44	8	35	16	2.91	<15	1.40	22	24	0.91	576
BFBC040	19	619	1	2.36	55	8	34	16	2.90	<15	1.44	26	23	0.95	619
BFBC041	35	622	1	3.03	35	7	31	13	2.68	23	1.27	17	25	0.97	542
BFBC042	25	584	1	3.28	49	9	32	18	2.86	<15	1.29	23	26	1.14	565
BFBC043	29	587	1	3.60	48	9	40	132	2.96	<15	1.49	22	32	1.21	652
BFBC044	23	606	1	2.30	52	9	35	35	2.93	<15	1.37	23	24	0.92	577
BFBC045	15	597	1	2.32	53	8	33	20	2.72	<15	1.32	24	20	0.88	566
BFBC046	14	603	1	2.39	45	8	30	18	2.75	<15	1.40	21	20	0.90	563
BFBC047	18	602	1	2.27	48	9	37	17	3.04	<15	1.52	24	28	0.96	572
BFBC048	25	612	1	2.64	57	10	38	20	3.26	<15	1.54	26	33	1.05	603
BFBC049	36	619	1	3.33	51	10	43	20	3.12	<15	1.47	23	31	1.20	647
BFBC050	14	629	1	2.39	41	7	33	16	2.68	<15	1.54	18	23	0.87	577
BFBC051	43	717	1	3.54	52	8	39	20	2.93	<15	1.50	24	32	1.06	592
BFBC052	31	632	1	2.43	51	10	49	23	3.44	<15	1.66	25	42	1.26	684
BFBC053	33	625	1	2.64	50	9	44	18	3.01	<15	1.49	23	30	1.09	643
BFBC054	111	583	1	2.43	54	11	49	22	3.54	<15	1.48	25	39	1.20	661
BFBC055	26	649	1	2.78	43	7	43	15	2.92	<15	1.48	20	30	0.98	532
BFBC056	34	664	1	2.54	48	8	38	16	2.71	<15	1.59	22	34	1.11	560
BFBC057	44	608	1	3.16	52	11	44	24	3.42	<15	1.49	24	41	1.24	674
BFBC058	50	633	1	2.82	57	10	45	21	3.11	<15	1.34	27	31	1.12	596
BFBD001	15	608	1	2.49	46	9	36	18	3.26	<15	1.33	21	23	1.07	652
BFBD002	16	577	1	2.16	38	9	35	15	3.10	<15	1.36	18	25	0.98	561
BFBD003	17	569	1	2.46	42	10	42	21	3.20	<15	1.42	16	25	1.06	607
BFBD004	18	618	1	2.49	41	11	41	20	3.18	<15	1.56	20	27	1.09	655
BFBD005	14	578	2	3.68	43	9	36	21	2.67	<15	1.41	17	27	1.15	575
BFBD006	25	583	1	2.79	52	10	44	23	3.40	<15	1.44	24	30	1.17	581
BFBD007	19	569	1	2.54	51	10	44	21	3.08	<15	1.39	21	24	1.08	586

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NR	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBC011	4	1.62	10	19	861	19	11	298	9	3734	100	18	95	24
BFBC012	<4	1.66	7	12	412	17	11	298	5	3347	75	16	60	20
BFBC013	<4	1.52	8	14	958	10	10	304	5	3606	84	16	72	22
BFBC014	<4	1.31	8	13	526	<10	11	291	6	3922	80	16	70	28
BFBC015	<4	1.70	8	19	547	10	11	276	15	3759	91	16	78	25
BFBC016	<4	1.50	9	19	633	25	11	292	13	3665	83	16	104	26
BFBC017	<4	1.76	9	14	516	16	11	289	9	3327	78	15	80	24
BFBC018	<4	1.38	9	9	334	<10	11	293	9	3523	75	20	58	22
BFBC019	<4	1.50	8	16	450	<10	11	266	3	3587	86	18	87	25
BFBC020	<4	1.66	10	14	463	18	11	274	7	3683	81	19	83	29
BFBC021	<4	1.75	9	15	497	<10	11	280	3	3874	80	18	69	25
BFBC022	<4	1.56	8	18	473	<10	11	268	4	3655	88	16	108	23
BFBC023	<4	1.31	8	18	716	17	11	308	8	3734	86	18	96	27
BFBC024	<4	2.05	10	11	548	<10	14	300	11	4507	93	25	64	31
BFBC025	<4	1.85	9	14	638	15	11	288	7	3537	86	18	69	24
BFBC026	<4	1.73	9	15	590	10	11	291	6	3597	93	15	75	23
BFBC027	<4	1.72	8	19	658	15	9	301	11	3047	78	16	71	23
BFBC028	<4	1.87	13	30	906	18	10	329	14	3445	86	17	77	28
BFBC029	<4	1.92	13	18	678	17	13	307	11	4190	53	23	74	32
BFBC030	<4	1.51	9	25	750	17	11	299	15	3562	96	18	83	29
BFBC031	<4	1.83	10	16	622	19	11	305	8	3563	81	20	71	25
BFBC032	<4	1.72	10	21	623	21	11	311	12	3405	83	17	84	25
BFBC033	<4	1.74	10	19	675	<10	11	325	10	3602	88	18	78	26
BFBC034	<4	1.85	11	12	510	17	10	286	6	3602	74	19	109	25
BFBC035	<4	1.95	9	14	579	15	11	288	6	3537	76	16	75	22
BFBC036	<4	1.63	12	14	672	30	12	275	12	4039	83	21	104	30
BFBC037	<4	2.00	10	10	459	<10	10	304	6	3934	67	19	70	25
BFBC038	<4	1.61	12	16	481	20	11	280	14	3630	77	19	73	30
BFBC039	<4	1.76	10	16	555	18	11	280	9	3668	75	19	89	29
BFBC040	<4	1.69	10	15	480	13	11	294	14	4113	78	20	74	29
BFBC041	<4	2.46	8	10	612	<10	10	367	7	3391	93	16	71	23
BFBC042	<4	1.89	10	16	663	11	10	340	11	3440	76	16	89	24
BFBC043	<4	1.59	9	22	1114	13	10	385	13	3216	84	16	140	23
BFBC044	<4	1.81	9	17	499	26	11	305	12	3628	78	16	85	27
BFBC045	<4	1.84	11	16	490	17	10	305	13	3561	74	18	74	24
BFBC046	<4	1.51	11	15	632	19	11	318	12	3725	72	20	81	25
BFBC047	<4	1.82	11	17	650	20	11	320	9	3599	81	18	83	27
BFBC048	<4	1.82	11	17	665	<10	11	307	7	3544	87	18	78	25
BFBC049	<4	1.82	11	20	978	14	10	367	8	3499	106	17	82	24
BFBC050	<4	2.19	8	15	749	21	10	312	5	3553	77	17	88	24
BFBC051	<4	2.12	10	20	855	13	10	354	10	3357	57	17	75	24
BFBC052	5	1.86	10	26	1031	17	10	336	10	3442	95	16	87	26
BFBC053	<4	2.02	10	22	789	21	10	358	9	3937	109	16	91	28
BFBC054	<4	1.45	10	22	1073	14	11	296	10	3402	59	17	89	27
BFBC055	<4	2.22	9	17	973	13	9	356	2	2935	101	14	65	23
BFBC056	<4	1.95	9	19	903	10	5	350	6	3044	71	15	75	25
BFBC057	<4	1.43	10	27	1011	15	10	343	6	3371	120	16	86	26
BFBC058	4	2.15	10	27	1027	24	10	364	15	3358	179	16	88	28
BFBD001	<4	1.75	11	15	637	19	12	299	7	4331	85	21	77	25
BFBD002	<4	1.73	8	15	516	<10	11	275	6	3397	78	19	81	23
BFBD003	<4	1.83	9	24	656	16	12	292	15	3431	84	18	112	23
BFBD004	<4	2.13	10	23	508	26	11	314	10	3762	87	18	101	25
BFBD005	<4	1.84	11	25	599	<10	10	328	9	3523	75	17	34	21
BFBD006	<4	1.79	10	24	687	28	11	302	13	3651	91	18	82	26
BFBD007	<4	1.81	10	26	692	85	11	298	21	3621	82	18	90	27

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CDOR	CON1	CON2	CUN3	FORM
BFBD008	35.573	119.149	07	31980				3	1	1				7	QTRN
BFBD009	35.602	119.151	07	31880				2	1	1				7	QTRN
BFBD010	35.602	119.185	07	31880				3	1	1				7	QTRN
BFBD011	35.601	119.229	07	31890				2	1	1				7	QTRN
BFBD013	35.543	119.204	07	31880				3	1	1				7	QTRN
BFBD014	35.544	119.232	07	31880				3	1	1				7	QTRN
BFBD015	35.521	119.197	07	31890				3	1	1				7	QTRN
BFBD016	35.674	119.221	07	31880				3	1	1				7	QTRN
BFBD018	35.674	119.151	07	31880				3	1	1				7	QTRN
BFBD019	35.673	119.132	07	31880				3	1	1				7	QTRN
BFBD021	35.632	119.151	07	31880				3	1	1				7	QTRN
BFBD022	35.647	119.169	07	31880				3	1	1				2	QTRN
BFBD023	35.645	119.194	07	31890				3	1	1				7	QTRN
BFBD024	35.645	119.232	07	31580				3	1	1				7	QTRN
BFBD025	35.704	119.240	07	31980				3	1	1				7	QTRN
BFBD026	35.704	119.220	07	31980				3	1	1				2	QTRN
BFBD027	35.704	119.192	07	31980				3	1	1				7	QTRN
BFBD028	35.704	119.159	07	31980				3	1	1				2	QTRN
BFBD029	35.703	119.133	07	31980				3	1	1				7	QTRN
BFBD030	35.733	119.134	07	31980				3	1	1				2	QTRN
BFBD031	35.733	119.167	07	31990				3	1	1				7	QTRN
BFBD032	35.733	119.205	07	31980				3	1	1				2	QTRN
BFBD033	35.733	119.224	07	31980				3	1	1				2	QTRN
BFBD034	35.667	119.115	07	31980				3	1	1				7	QTRN
BFBD035	35.659	119.077	07	31980				3	1	1				2	QTRN
BFBD036	35.637	119.083	07	31980				3	1	1				2	QTRN
BFBD037	35.646	119.055	07	31980				3	1	1				7	QTRN
BFBD038	35.627	119.031	07	31980				3	1	1				2	QTRN
BFBD039	35.683	119.067	07	31980				3	1	1				2	QTRN
BFBD040	35.702	119.060	07	31980				3	1	1				8	QTRN
BFBD041	35.719	119.027	07	31980				3	1	1				7	QTRN
BFBD042	35.704	119.026	07	31980				3	1	1				7	QTRN
BFBD043	35.733	119.060	07	31980				3	1	1				7	QTRN
BFBD044	35.704	119.097	07	31980				3	1	1				7	QTRN
BFBD045	35.725	119.098	07	31980				3	1	1				7	QTRN
BFBD046	35.747	119.098	07	31980				3	1	1				7	QTRN
BFBD047	35.603	119.116	07	32180				3	1	1				7	QTRN
BFBD048	35.602	119.087	07	32180				3	1	1				7	QTRN
BFBD049	35.611	119.056	07	32180				3	1	1			8	7	QTRN
BFBD050			07	32180				3	1	1				7	QTRN
BFBD051	35.577	119.088	07	32180				3	1	1				2	QTRN
BFBD052	35.603	119.023	07	32180				3	1	1				2	QTRN
BFBD053	35.569	119.028	07	32180				3	1	1				2	QTRN
BFBD054	35.542	119.025	07	32180				3	1	1				7	QTRN
BFBD055	35.573	119.061	07	32180				3	1	1				2	QTRN
BFBD056	35.621	119.022	07	32180				3	1	1				8	QTRN
BFBD057	35.540	119.084	07	32180				2	1	1				9	QTRN
BFBD058	35.516	119.080	07	32180				3	1	1				9	QTRN
BFBE001	35.507	118.980	07	31880				3	1	1			9	8	UNKN
BFBE002	35.530	118.953	06	31880				3	1	1				8	UNKN
BFBE003	35.516	118.906	06	31880				2	1	1			9	8	UNKN
BFBE004	35.525	118.932	06	31880				3	1	1			9	8	UNKN
BFBE005	35.549	118.958	06	31880				3	1	1			9	8	UNKN
BFBE006	35.613	118.973	07	31880				4	1	1			9	8	UNKN
BFBE007	35.614	118.839	06	31880				3	1	1				8	UNKN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	L-FL	U-NT	AG	AL
BFBD008	10		23.00	10	1	1	1	4	3	N11101	4.85		<2	7.61
BFBD009	10		25.00	10	1	1	1	4	3	N11101	2.48		<2	7.63
BFBD010	10		28.00	10	1	1	1	4	3	N11101	2.19		<2	7.43
BFBD011	10		30.00	10	1	1	1	4	3	N11101	2.51		<2	7.53
BFBD013	10		24.00	10	1	1	1	4	3	N11101	2.67		<2	7.70
BFBD014	10		28.00	10	1	1	1	4	3	N11101	2.23		<2	7.81
BFBD015	10		27.00	10	1	1	1	4	3	N11101	1.63		<2	7.62
BFBD016	10		30.00	10	1	1	1	4	3	N11101	5.45		<2	7.85
BFBD018	10		26.00	10	1	1	1	4	3	N11101	5.21		<2	7.78
BFBD019	10		26.00	10	1	1	1	4	3	N11101	7.02		<2	7.89
BFBD021	10		21.00	10	1	1	1	4	3	N11101	3.93		<2	7.27
BFBD022	10		22.00	10	1	1	1	4	3	N11101	3.36		<2	7.45
BFBD021	10		20.00	10	1	1	1	4	3	N11101	4.26		<2	7.66
BFBD024	10		23.00	10	1	1	1	4	3	N11101	5.13		<2	7.89
BFBD025	10		26.00	10	1	1	1	4	3	N11101	4.11		<2	7.53
BFBD026	10		30.00	10	1	1	1	4	3	N11101	4.68		<2	7.39
BFBD027	10		20.00	10	1	1	1	4	3	N11101	2.72		<2	8.03
BFBD028	10		20.00	10	1	1	1	4	3	N11101	3.15		<2	8.44
BFBD029	10		20.00	10	1	1	1	4	3	N11101	2.74		<2	7.63
BFBD030	10		21.00	10	1	1	1	4	3	N11101	3.49		<2	7.83
BFBD031	10		23.00	10	1	1	1	4	3	N11101	4.91		<2	7.99
BFBD032	10		21.00	10	1	1	1	4	3	N11101	3.72		<2	8.16
BFBD033	10		20.00	10	1	1	1	4	3	N11101	3.78		<2	7.87
BFBD034	10		21.00	10	1	1	1	4	3	N11101	3.14		<2	7.82
BFBD035	10		23.00	10	1	1	1	4	3	N11101	2.25		<2	7.97
BFBD036	10		29.00	10	1	1	3	4	3	N11101	2.19		<2	7.95
BFBD037	10		21.00	10	1	1	2	4	3	N11101	53.19		<2	7.92
BFBD038	10		22.00	10	1	1	3	4	3	N11101	1.80		<2	7.56
BFBD039	10		25.00	10	1	1	3	4	3	N11101	2.13		<2	8.31
BFBD040	10		21.00	10	1	1	3	4	3	N11101	2.21		<2	8.03
BFBD041	10		20.00	10	1	1	3	4	3	N11101	5.92		<2	3.91
BFBD042	10		25.00	10	1	1	3	4	3	N11101	4.40		<2	8.49
BFBD043	10		26.00	10	1	1	1	4	3	N11101	2.62		<2	3.45
BFBD044	10		20.00	10	1	1	3	4	3	N11101	1.20		<2	8.40
BFBD045	10		22.00	10	1	1	3	4	3	N11101	1.51		<2	3.33
BFBD046	10		20.00	10	1	1	1	4	3	N11101	3.26		<2	7.92
BFBD047	10		21.00	10	1	1	1	4	3	N11101	2.17		<2	7.72
BFBD048	10		20.00	10	1	1	1	4	3	N11101	2.78		<2	7.44
BFBD049	10		19.00	10	1	1	3	4	3	N11101	3.62		<2	7.33
BFBD050	10		21.00	10	1	1	3	4	3	N11101	1.88		<2	3.00
BFBD051	10		21.00	10	1	1	1	4	3	N11101	1.91		<2	7.84
BFBD052	10		27.00	10	1	1	3	4	3	N11101	3.36		<2	8.51
BFBD053	10		21.00	10	1	1	3	4	3	N11101	2.52		<2	3.57
BFBD054	10		22.00	10	1	1	3	4	3	N11101	3.97		<2	7.32
BFBD055	10		21.00	10	1	1	3	4	3	N11101	3.92		<2	8.44
BFBD056	10		20.00	10	1	1	3	4	3	N11101	4.57		<2	8.17
BFBD057	10		28.00	10	1	1	3	4	3	N11101	5.28		<2	7.48
BFBD058	10		20.00	10	1	1	2	4	3	N11101	2.80		<2	7.81
BFBE001	10		28.00	07	1	1	3	4	3	N11101	3.74		<2	7.69
BFBE002	10		20.00	01	1	1	3	4	3	N11101	3.12		<2	7.93
BFBE003	10		40.00	07	1	1	3	4	3	N11101	3.55		<2	6.90
BFBE004	10		36.00	07	1	1	3	4	3	N11101	4.80		<2	7.38
BFBE005	10		32.00	07	1	1	3	4	3	N11101	3.23		<2	9.10
BFBE006	10		32.00	07	1	1	3	4	3	N11101	2.15		<2	7.90
BFBE007	10		24.00	04	1	1	3	4	3	N11101	2.62		<2	6.86

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFBD008	25	585	1	2.14	45	10	44	23	2.99	<15	1.36	21	26	1.07	536
BFBD009	21	573	1	2.21	41	9	43	23	3.00	<15	1.37	20	26	1.07	541
BFBD010	19	572	1	2.53	43	9	39	19	2.71	<15	1.33	19	23	0.96	518
BFBD011	21	591	1	2.18	50	10	39	19	2.90	<15	1.30	21	21	0.87	568
BFBD013	15	571	1	2.51	42	9	38	18	3.06	<15	1.34	20	23	0.96	611
BFBD014	20	596	1	2.48	44	10	42	17	3.12	15	1.40	21	24	1.08	604
BFBD015	17	517	1	2.97	41	8	31	9	2.64	<15	1.01	17	12	0.93	616
BFBD016	10	597	1	2.07	13	4	32	16	2.88	<15	1.44	11	24	0.87	550
BFBD018	<10	588	2	2.86	33	5	23	9	2.14	<15	1.21	14	14	0.81	516
BFBD019	16	600	1	2.48	48	8	31	20	2.87	<15	1.33	20	22	0.90	578
BFBD021	24	561	1	2.30	46	9	42	85	2.82	<15	1.35	22	22	0.95	533
BFBD022	16	593	1	2.34	44	9	40	23	2.71	<15	1.31	21	25	1.01	480
BFBD023	14	560	1	2.16	38	8	34	16	2.33	<15	1.23	19	18	0.69	438
BFBD024	18	608	1	2.20	44	10	34	15	3.10	<15	1.29	22	24	0.95	605
BFBD025	15	607	1	2.39	41	7	32	19	2.62	<15	1.29	19	17	0.83	565
BFBD026	30	573	1	2.52	50	11	47	21	3.32	<15	1.25	23	28	1.06	626
BFBD027	14	542	1	2.24	43	10	38	16	2.71	<15	1.18	19	21	0.81	539
BFBD028	13	514	1	2.98	32	6	25	9	2.00	<15	1.03	15	13	0.60	489
BFBD029	13	608	1	2.49	40	8	35	14	2.49	<15	1.05	19	22	0.91	490
BFBD030	13	549	1	2.69	38	6	30	56	2.41	<15	1.14	17	18	0.78	454
BFBD031	18	558	1	1.99	48	10	44	20	3.09	<15	1.31	22	27	0.89	599
BFBD032	11	540	1	2.40	39	8	32	13	2.47	<15	1.22	18	21	0.73	536
BFBD033	16	588	1	2.04	41	9	40	18	2.86	<15	1.27	20	24	0.88	602
BFBD034	19	562	1	2.02	47	10	42	18	2.94	<15	1.26	22	22	0.88	573
BFBD035	19	544	1	2.76	43	10	41	17	3.02	<15	1.35	20	25	0.98	583
BFBD036	17	560	1	2.03	49	11	42	17	3.12	<15	1.29	22	26	0.99	586
BFBD037	27	617	1	2.47	59	16	48	25	4.02	<15	1.02	23	29	1.24	741
BFBD038	12	576	1	2.77	49	10	43	20	3.07	<15	1.12	23	25	1.20	523
BFBD039	10	570	1	2.21	38	11	36	17	3.30	<15	0.98	19	28	1.03	652
BFBD040	16	551	1	2.20	51	10	35	19	3.20	<15	1.24	22	30	0.98	616
BFBD041	13	567	1	2.57	46	11	31	22	3.94	<15	1.03	20	40	1.04	670
BFBD042	20	484	1	3.54	34	8	30	17	3.72	<15	0.86	14	32	1.13	475
BFBD043	<10	612	1	2.17	45	11	39	23	4.04	<15	1.15	22	37	1.20	618
BFBD044	16	524	1	2.49	34	6	27	15	2.17	<15	1.04	15	19	0.77	408
BFBD045	14	540	1	3.01	29	7	23	9	2.18	<15	0.89	12	16	0.70	467
BFBD046	27	631	1	2.87	43	10	41	24	3.38	<15	1.12	21	33	1.11	637
BFBD047	20	597	1	1.90	49	11	50	23	3.22	<15	1.46	24	26	1.11	565
BFBD048	23	576	1	1.97	49	9	42	19	2.88	<15	1.21	23	25	0.97	455
BFBD049	24	1001	1	2.59	46	11	52	21	4.00	<15	1.00	19	27	1.33	538
BFBD050	28	557	1	1.99	41	10	43	21	3.23	<15	1.59	19	28	1.02	597
BFBD051	16	664	1	2.24	39	10	40	19	3.06	<15	1.24	20	26	0.96	522
BFBD052	30	576	1	2.01	49	11	31	17	3.17	<15	1.21	22	30	0.85	604
BFBD053	17	567	1	2.01	40	10	28	14	2.90	<15	1.10	18	25	0.81	574
BFBD054	17	729	1	2.29	48	7	24	10	2.52	<15	1.05	20	14	0.57	834
BFBD055	24	518	1	2.53	55	12	42	24	4.08	<15	1.27	26	34	1.20	639
BFBD056	19	609	1	2.46	42	9	28	12	2.46	<15	1.15	18	17	0.67	616
BFBD057	50	1624	1	2.55	57	12	58	25	3.76	<15	1.20	25	30	1.35	583
BFBD058	23	603	1	2.20	52	9	41	16	3.07	<15	1.40	23	24	1.04	573
BFBE001	18	515	1	6.42	36	10	26	14	3.59	<15	0.87	17	23	0.96	594
BFBE002	20	686	1	2.42	40	8	23	10	2.36	<15	1.26	20	19	0.62	600
BFBE003	16	801	1	2.07	61	4	19	6	1.53	<15	1.78	25	14	0.50	389
BFBE004	20	751	2	2.14	77	5	30	9	2.08	<15	1.68	35	20	0.64	412
BFBE005	14	735	1	2.78	42	8	25	11	2.45	<15	1.19	20	18	0.69	677
BFBE006	16	600	1	3.25	45	10	38	17	3.35	<15	1.13	22	28	1.14	698
BFBE007	<10	253	<1	4.40	28	19	154	7	8.78	<15	0.42	8	11	2.29	1767

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NR	NI	P	PB	SC	SR	TI	TI	V	Y	ZN	ZR
BFBD008	<4	1.69	9	24	707	15	10	233	8	3510	81	16	89	28
BFBD009	<4	1.62	7	27	664	13	10	277	6	3493	79	16	77	26
BFBD010	<4	1.76	9	23	544	14	10	235	10	3505	74	16	82	26
BFBD011	<4	1.74	11	20	454	24	11	294	12	3302	79	17	70	24
BFBD013	<4	1.89	11	19	523	<10	11	323	5	3456	80	18	93	25
BFBD014	<4	1.87	10	22	638	13	12	399	7	3463	82	18	83	24
BFBD015	<4	2.02	8	13	319	11	12	321	9	2851	76	20	55	19
BFBD016	<4	1.77	9	14	530	19	9	269	<2	3359	69	17	98	22
BFBD018	<4	2.30	9	10	354	<10	9	325	17	3273	60	18	51	20
BFBD019	<4	1.86	10	14	585	20	10	302	21	3579	73	18	69	23
BFBD021	<4	1.53	5	27	566	13	9	286	6	3221	75	15	325	25
BFBD022	<4	1.68	8	27	599	32	9	280	8	3127	75	15	399	25
BFBD023	<4	1.83	7	18	362	30	9	306	6	2770	64	14	77	22
BFBD024	<4	1.80	9	17	539	16	11	289	3	3545	80	18	139	22
BFBD025	<4	1.91	9	13	566	69	10	305	8	3404	70	18	111	25
BFBD026	<4	1.37	10	28	592	22	11	354	10	3377	83	17	91	27
BFBD027	<4	1.90	8	20	430	23	10	305	9	3144	71	16	67	25
BFBD028	<4	2.49	5	9	289	<10	8	382	7	3050	56	15	46	22
BFBD029	<4	1.75	7	23	368	27	9	299	9	2993	69	15	71	23
BFBD030	<4	2.05	7	18	979	100	9	316	3	2838	60	14	443	22
BFBD031	<4	1.65	9	27	486	19	10	284	8	3234	78	16	90	26
BFBD032	<4	2.12	9	20	380	13	9	328	9	2924	65	15	68	22
BFBD033	<4	1.78	9	25	438	29	9	306	7	3188	73	15	76	25
BFBD034	<4	1.72	9	22	328	<10	10	280	4	3584	78	16	75	26
BFBD035	<4	1.82	10	23	668	47	11	292	5	3435	79	16	75	25
BFBD036	<4	1.68	9	24	403	15	11	272	5	3543	80	17	182	26
BFBD037	<4	1.03	11	25	812	36	13	226	14	3724	92	18	98	31
BFBD038	<4	1.39	10	23	573	12	10	270	9	3477	76	16	72	27
BFBD039	<4	1.62	7	22	475	24	11	284	9	3570	79	16	79	24
BFBD040	<4	1.78	9	21	756	72	11	292	18	3181	78	16	107	20
BFBD041	<4	1.63	8	16	781	13	12	275	10	3762	106	18	125	22
BFBD042	<4	1.75	8	13	779	<10	12	308	<2	3481	102	17	93	23
BFBD043	<4	1.55	10	22	505	12	12	275	15	3951	97	18	96	24
BFBD044	<4	2.20	6	18	316	13	8	329	5	2224	56	12	53	17
BFBD045	<4	2.20	6	13	404	13	9	361	<2	2317	59	14	101	15
BFBD046	<4	1.49	9	28	726	14	10	289	9	3418	90	18	103	25
BFBD047	<4	1.55	10	31	654	23	10	268	7	3591	86	17	88	31
BFBD048	<4	1.49	9	27	541	45	10	269	10	3361	76	16	471	27
BFBD049	<4	0.90	9	36	1589	18	13	223	13	4419	89	16	98	37
BFBD050	<4	1.53	8	26	910	15	11	253	5	3520	77	17	91	27
BFBD051	<4	1.59	9	25	298	84	10	289	9	3358	77	16	80	23
BFBD052	<4	1.71	9	16	413	10	10	263	10	3445	67	15	66	19
BFBD053	<4	1.51	7	15	293	19	10	258	10	3048	60	17	64	19
BFBD054	<4	1.71	13	9	436	11	7	271	23	6431	68	15	49	42
BFBD055	<4	1.47	10	21	637	12	14	272	14	4085	125	21	87	22
BFBD056	<4	2.01	10	16	433	18	9	299	28	3988	64	18	53	24
BFBD057	<4	1.30	11	30	500	100	12	259	12	3335	113	17	95	30
BFBD058	<4	1.79	10	25	639	16	11	290	10	3527	90	18	71	27
BFBE001	<4	1.42	8	15	745	<10	13	563	9	3653	95	22	66	20
BFBE002	<4	1.77	9	9	352	10	8	292	21	3680	60	18	56	27
BFBE003	<4	1.78	12	7	600	14	6	342	9	3314	49	15	41	30
BFBE004	<4	1.96	13	13	801	22	8	397	15	3890	68	19	71	50
BFBE005	<4	1.69	9	8	412	10	9	285	5	3894	68	21	54	26
BFBE006	<4	1.58	10	20	688	13	12	295	9	3559	88	20	73	26
BFBE007	<4	1.72	14	23	679	<10	30	283	6	29384	453	27	115	51

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTSM	COND	ALK	SIZE	WIDE	S-DEP	ODOR	CON1	CON2	CON3	FORM
BFBE008	35.612	118.864	07	31880				3	1	1				8	UNKN
BFBE009	35.611	118.889	07	31880				3	1	1				8	UNKN
BFBE010	35.609	118.907	07	31880				3	1	1				8	UNKN
BFBE011	35.611	118.939	07	31880				3	1	1				8	UNKN
BFBE012	35.595	118.952	07	31880				3	1	1			9	8	UNKN
BFBE013	35.577	118.960	07	31880				3	1	1				9	UNKN
BFBE014	35.630	118.818	07	31980				3	1	1				8	UNKN
BFBE015	35.644	118.807	07	31980				3	1	1				8	UNKN
BFBE016	35.630	118.755	07	31980				3	1	1				2	UNKN
BFBE017	35.629	118.784	07	31980				3	1	1				2	UNKN
BFBE019	35.654	118.760	07	31980				3	1	1				2	UNKN
BFBE020	35.629	118.843	07	31980				3	1	1				8	UNKN
BFBE021	35.645	118.838	07	31980				3	1	1				8	UNKN
BFBE022	35.675	118.851	07	31980				3	1	1				8	UNKN
BFBE023	35.709	118.823	07	31980				3	1	1				2	UNKN
BFBE024	35.720	118.800	07	31980				3	1	1				8	UNKN
BFBE025	35.709	118.777	07	31980				3	1	1				8	UNKN
BFBE026	35.705	118.755	07	31980				3	1	1				8	UNKN
BFBE027	35.713	118.844	07	31980				3	1	1				2	UNKN
BFBE028	35.732	118.859	07	31980				3	1	1				8	UNKN
BFBE029	35.742	118.887	06	31980				3	1	1				8	UNKN
BFBE030	35.747	118.924	07	31980				3	1	1				8	UNKN
BFBE031	35.745	118.964	07	31980				3	1	1				8	UNKN
BFBE032	35.700	118.853	07	31980				3	1	1				2	UNKN
BFBE033	35.681	118.894	07	31980				3	1	1				2	UNKN
BFBE034	35.664	118.915	07	31980				3	1	1				8	UNKN
BFBE035	35.646	118.939	07	31980				3	1	1				8	UNKN
BFBE036	35.634	118.953	07	31980				3	1	1				9	UNKN
BFBE037	35.629	118.974	07	31980				3	1	1				9	UNKN
BFBE038	35.571	118.797	06	32580				3	1	1				9	UNKN
BFBE039	35.580	118.812	06	32580				3	1	1				8	UNKN
BFBE040	35.598	118.824	06	32580				3	1	1				8	UNKN
BFBE041	35.562	118.852	06	32980				3	1	1				8	UNKN
BFBE042	35.544	118.870	07	32980				3	1	1				8	UNKN
BFBE043	35.570	118.882	06	32980				3	1	1				8	UNKN
BFBE044	35.559	118.897	07	32980				3	1	1				8	UNKN
BFBE045	35.543	118.906	07	32980				3	1	1				8	UNKN
BFBE046	35.553	118.927	07	32980				3	1	1			9	8	UNKN
BFBE047	35.563	118.943	06	32980				3	1	1			9	8	UNKN
BFBF001	35.575	118.506	07	51380				3	1	1				1	MSZC
BFBF002	35.543	118.509	07	51380				3	1	1				1	MSZC
BFBF003	35.510	118.519	07	51380				3	1	1				1	MSZC
BFBF004	35.584	118.531	07	51380				3	1	1				1	MSZC
BFBF005	35.598	118.514	07	51380				3	1	1				1	MSZC
BFBF006	35.582	118.557	07	51380				3	1	1				1	MSZC
BFBF007	35.570	118.581	07	51380				3	1	1				1	MSZC
BFBF008	35.556	118.596	07	51380				3	1	1				1	MSZC
BFBF009	35.551	118.616	07	51380				3	1	1				1	MSZC
BFBF010	35.535	118.632	07	51380				3	1	1				1	MSZC
BFBF011	35.530	118.652	07	51380				3	1	1				1	MSZC
BFBF012	35.519	118.675	07	51380				3	1	1				1	MSZC
BFBF013	35.503	118.691	07	51380				3	1	1				1	MSZC
BFBF014	35.720	118.519	07	51480				3	1	1				1	MSZC
BFBF015	35.737	118.557	07	51480				3	1	1				1	MSZC
BFBF016	35.749	118.583	07	51480				3	1	1				1	MSZC

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	NAP	U-FL	U-NT	AG	AL
BFBE008	10		16.00	04	1	1	3	4	3	NII101	1.91		<2	8.08
BFBE009	10		22.00	09	1	1	3	4	3	NII101	2.21		<2	7.36
BFBE010	10		35.00	07	1	1	3	4	3	NII101	3.35		<2	7.05
BFBE011	10		26.00	07	1	1	3	4	3	NII101	2.23		<2	7.63
BFBE012	10		34.00	07	1	1	3	4	3	NII101	2.32		<2	8.57
BFBE013	10		25.00	07	1	1	3	4	3	NII101	3.19		<2	7.51
BFBE014	10		24.00	04	1	1	2	4	3	NII101	1.92		<2	8.78
BFBE015	10		24.00	04	1	1	2	4	3	NII101	2.01		<2	8.33
BFBE016	10		24.00	10	1	1	2	4	3	NII101	1.60		<2	8.43
BFBE017	10		18.00	04	1	1	2	4	3	NII101	2.15		<2	8.45
BFBE019	10		18.00	04	1	1	2	4	3	NII101	1.48		<2	8.70
BFBE020	10		22.00	04	1	1	2	4	3	NII101	1.57		<2	8.43
BFBE021	10		20.00	04	1	1	2	4	3	NII101	2.10		<2	7.97
BFBE022	10		30.00	04	1	1	2	4	3	NII101	1.91		<2	9.07
BFBE023	10		32.00	04	1	1	2	4	3	NII101	3.21		<2	10.33
BFBE024	10		22.00	04	1	1	2	4	3	NII101	0.40		<2	8.85
BFBE025	10		36.00	04	1	1	2	4	3	NII101	2.60		<2	8.89
BFBE026	10		24.00	04	1	1	2	4	3	NII101	<0.25		<2	9.00
BFBE027	10		18.00	04	1	1	2	4	3	NII101	0.54		<2	8.51
BFBE028	10		22.00	04	1	1	2	4	3	NII101	0.40		<2	9.85
BFBE029	10		26.00	04	1	1	2	4	3	NII101	0.43		<2	8.39
BFBE030	10		32.00	07	1	1	2	4	3	NII101	1.70		<2	8.63
BFBE031	10		20.00	07	1	1	2	4	3	NII101	0.29		<2	8.71
BFBE032	10		20.00	07	1	1	2	4	3	NII101	0.36		<2	9.11
BFBE033	10		33.00	07	1	1	2	4	3	NII101	<0.25		<2	4.31
BFBE034	10		32.00	07	1	1	2	4	3	NII101	0.58		<2	7.14
BFBE035	10		26.00	07	1	1	2	4	3	NII101	0.29		<2	7.82
BFBE036	10		24.00	07	1	1	2	4	3	NII101	<0.25		<2	7.29
BFBE037	10		22.00	07	1	1	1	4	3	NII101	<0.25		<2	7.21
BFBE038	10		26.00	04	1	1	3	2	1	NII101	1.31		<2	9.63
BFBE039	10		35.00	04	1	1	3	4	3	NII101	1.16		<2	9.16
BFBE040	10		22.00	04	1	1	3	4	3	NII101	3.39		<2	8.03
BFBE041	10		24.00	04	1	1	3	4	3	NII101	0.47		<2	7.77
BFBE042	10		24.00	07	1	1	4	4	3	NII101	0.39		<2	7.76
BFBE043	10		28.00	07	1	1	4	4	3	NII101	0.72		<2	7.55
BFBE044	10		46.00	07	1	1	3	4	3	NII101	0.54		<2	7.12
BFBE045	10		40.00	07	1	1	3	4	3	NII101	0.56		<2	6.87
BFBE046	10		44.00	07	1	1	3	4	3	NII101	<0.25		<2	7.39
BFBE047	10		42.00	07	1	1	3	4	3	NII101	<0.25		<2	7.61
BFBF001	10		42.00	04	1	1	2	4	2	NII101	0.86		<2	9.96
BFBF002	10		62.00	04	1	1	2	4	2	NII101	0.34		<2	9.34
BFBF003	10		40.00	04	1	1	2	4	2	NII101	0.42		<2	10.02
BFBF004	10		58.00	04	1	1	2	4	2	NII101	1.94		<2	8.32
BFBF005	10		48.00	04	1	1	2	4	2	NII101	1.54		<2	9.24
BFBF006	10		56.00	04	1	1	2	4	2	NII101	2.71		<2	7.64
BFBF007	10		60.00	04	1	1	2	4	2	NII101	2.04		<2	7.84
BFBF008	10		50.00	04	1	1	2	4	2	NII101	1.65		<2	7.49
BFBF009	10		36.00	04	1	1	2	4	2	NII101	0.78		<2	9.45
BFBF010	10		30.00	04	1	1	2	4	2	NII101	0.69		<2	7.07
BFBF011	10		24.00	04	1	1	2	4	2	NII101	0.98		<2	7.08
BFBF012	10		22.00	04	1	1	2	4	2	NII101	<0.25		<2	8.10
BFBF013	10		16.00	04	1	1	2	4	2	NII101	0.61		<2	8.61
BFBF014	10		36.00	04	1	1	2	2	2	NII101	0.39		<2	9.40
BFBF015	10		30.00	04	1	1	2	2	2	NII101	3.27		<2	10.79
BFBF016	10		44.00	04	1	1	3	2	2	NII101	3.58		<2	7.46

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFBE008	12	666	1	2.92	53	18	55	23	6.03	<15	1.31	19	26	1.88	991
BFBE009	15	748	1	1.33	31	<4	16	4	0.95	<15	1.72	16	8	0.20	168
BFBE010	25	648	2	2.67	69	5	32	12	2.37	<15	1.51	35	29	0.89	300
BFBE011	20	743	1	3.57	44	12	45	19	3.37	<15	1.03	20	25	1.09	561
BFBE012	39	561	1	2.01	44	11	38	16	3.50	<15	1.25	31	27	1.00	629
BFBE013	21	488	1	2.02	39	6	22	9	2.25	<15	1.12	21	22	0.60	405
BFBE014	14	604	1	2.97	43	12	51	16	4.10	<15	1.46	17	28	1.43	925
BFBE015	14	600	1	2.98	47	13	39	16	3.69	<15	1.09	15	20	1.25	995
BFBE016	10	584	1	2.63	52	9	24	13	3.67	<15	1.10	23	21	0.89	875
BFBE017	13	424	1	3.37	37	18	70	21	4.05	<15	0.71	15	16	1.64	887
BFBE019	<10	546	1	3.15	38	12	35	11	3.84	<15	0.98	17	17	1.32	883
BFBE020	12	635	1	2.91	55	15	52	20	4.97	<15	1.23	23	26	1.61	395
BFBE021	<10	633	1	3.25	70	18	42	30	5.98	<15	1.10	27	26	1.92	1097
BFBE022	11	620	1	2.52	35	7	23	13	2.29	<15	1.05	16	22	0.67	555
BFBE023	15	435	2	2.46	56	6	16	27	2.24	17	0.93	31	23	0.68	465
BFBE024	<10	610	1	2.57	38	10	35	15	3.72	<15	1.26	18	29	1.11	737
BFBE025	10	396	1	3.37	70	11	37	27	4.73	<15	0.85	33	29	1.39	961
BFBE026	<10	624	1	2.49	37	9	26	11	2.55	<15	1.06	17	16	0.78	793
BFBE027	<10	566	1	2.54	73	16	52	13	5.48	<15	0.89	30	44	1.62	959
BFBE028	<10	572	1	2.91	44	11	17	14	3.71	<15	1.04	18	26	1.20	764
BFBE029	13	581	1	2.59	46	13	51	16	4.18	<15	1.18	20	29	1.32	786
BFBE030	<10	911	3	1.76	77	7	19	9	1.94	<15	1.52	47	16	0.44	284
BFBE031	12	602	1	2.18	41	9	35	18	3.06	<15	1.42	18	27	0.69	630
BFBE032	10	571	1	2.97	46	12	38	13	4.35	<15	1.06	20	27	1.39	792
BFBE033	15	531	1	2.49	33	8	29	19	2.99	<15	0.98	16	21	0.86	501
BFBE034	<10	608	2	1.92	41	6	21	11	1.35	<15	1.44	19	8	0.38	262
BFBE035	12	643	1	1.99	47	8	34	13	2.47	<15	1.33	23	17	0.70	515
BFBE036	11	584	1	2.13	45	6	26	12	1.65	<15	1.18	21	13	0.53	468
BFBE037	17	589	1	1.99	36	7	32	17	2.40	<15	1.12	18	19	0.79	476
BFBE038	<10	579	1	2.56	36	10	34	10	3.46	<15	1.11	17	27	1.08	617
BFBE039	10	448	1	3.58	54	7	27	6	2.63	<15	0.68	24	12	0.97	737
BFBE040	<10	353	1	4.57	49	14	45	8	4.60	<15	0.73	17	12	1.81	1141
BFBE041	<10	632	1	2.13	36	5	24	8	1.69	<15	1.16	19	10	0.49	401
BFBE042	12	656	1	2.21	43	6	27	10	2.03	<15	1.16	22	16	0.70	327
BFBE043	<10	660	1	2.29	46	4	23	6	1.53	17	1.17	20	8	0.50	392
BFBE044	36	596	2	3.64	52	5	30	17	2.45	20	1.28	31	36	1.09	295
BFBE045	13	621	2	3.39	63	6	26	13	2.10	<15	1.52	31	24	1.06	426
BFBE046	13	704	2	1.56	66	6	48	16	2.47	<15	1.25	32	25	0.73	310
BFBE047	<10	641	2	1.78	66	6	38	15	2.31	<15	1.44	32	26	0.78	448
BFBF001	13	677	2	1.18	77	12	14	10	4.81	<15	1.32	38	48	1.10	772
BFBF002	<10	453	2	2.53	56	7	20	12	2.95	<15	1.55	25	40	0.80	576
BFBF003	<10	722	1	2.44	40	8	21	12	3.73	<15	1.41	19	31	0.94	751
BFBF004	<10	478	1	3.02	63	10	29	12	4.06	<15	1.41	28	44	1.17	765
BFBF005	<10	563	2	2.81	60	9	16	12	3.73	<15	1.23	30	36	0.98	695
BFBF006	16	553	1	3.20	57	15	45	18	5.38	<15	1.62	21	57	1.69	1003
BFBF007	10	442	1	3.19	91	19	46	20	5.72	<15	1.32	36	53	1.63	1181
BFBF008	11	456	1	3.01	51	19	36	13	5.44	<15	1.20	20	43	1.63	1148
BFBF009	<10	707	2	2.13	49	6	15	9	2.64	<15	1.28	23	23	0.60	506
BFBF010	<10	496	1	3.43	41	22	57	25	6.03	<15	1.14	15	49	2.08	1127
BFBF011	<10	567	1	3.59	61	18	42	24	6.25	<15	1.09	20	40	1.79	1114
BFBF012	<10	700	1	3.00	55	12	28	12	5.26	<15	1.07	15	33	1.25	865
BFBF013	<10	1107	1	3.13	49	18	39	40	6.38	<15	1.06	17	48	1.73	1012
BFBF014	<10	514	1	3.67	63	12	25	20	4.69	<15	0.77	26	29	1.30	838
BFBF015	14	684	2	1.96	44	6	13	13	2.58	15	1.08	15	35	0.53	1147
BFBF016	19	598	2	1.30	67	12	48	28	3.69	<15	1.52	33	36	0.75	910

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	N3	N1	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBE008	<4	1.58	10	22	819	<10	25	242	2	5480	174	32	116	18
BFBE009	<4	2.26	7	8	403	<10	5	346	3	2171	35	11	33	17
BFBE010	<4	1.53	13	17	636	16	8	396	9	2894	79	18	67	46
BFBE011	<4	1.35	8	22	584	14	11	310	9	3690	86	18	77	30
BFBE012	<4	1.54	8	17	300	13	12	268	6	3920	84	21	96	28
BFBE013	<4	1.70	7	11	225	14	8	245	3	2820	56	19	52	36
BFBE014	<4	2.11	9	18	1057	13	19	276	4	3948	101	28	97	19
BFBE015	<4	1.84	8	17	364	11	18	290	14	4030	109	25	78	20
BFBE016	<4	2.25	11	12	649	25	15	274	12	3703	70	29	92	21
BFBE017	<4	1.67	8	26	282	13	18	298	10	4458	123	17	139	21
BFBE019	<4	2.13	8	13	257	<10	18	301	7	4139	104	26	81	22
BFBE020	<4	1.54	10	17	592	<10	20	278	11	5366	136	30	102	21
BFBE021	<4	1.40	12	17	855	17	27	241	16	5888	177	36	111	19
BFBE022	<4	2.34	6	10	305	20	8	370	9	2713	54	13	74	22
BFBE023	<4	2.44	9	6	471	23	6	343	32	2281	46	14	69	43
BFBE024	<4	1.95	9	14	465	<10	13	301	3	3989	87	20	111	21
BFBE025	<4	1.75	14	13	1510	20	22	296	35	5083	104	34	158	26
BFBE026	<4	2.21	7	12	318	14	11	329	10	3000	61	17	98	19
BFBE027	<4	1.30	10	22	716	11	22	240	15	4920	135	27	110	16
BFBE028	<4	2.22	9	11	244	<10	14	352	10	4132	89	19	92	17
BFBE029	<4	1.51	9	22	527	11	15	270	8	4294	104	21	88	27
BFBE030	4	2.23	9	11	419	18	5	569	10	2869	56	20	57	34
BFBE031	<4	2.07	7	18	485	19	11	302	4	3626	74	17	79	22
BFBE032	<4	1.87	9	16	607	<10	16	331	18	4181	99	18	96	25
BFBE033	<4	1.99	6	13	724	19	12	316	4	3017	77	16	88	15
BFBE034	<4	1.91	10	13	481	11	7	355	6	2579	46	13	40	21
BFBE035	<4	1.62	9	14	371	<10	9	315	6	3284	66	15	59	27
BFBE036	<4	1.87	9	12	460	15	7	315	7	2928	50	14	48	24
BFBE037	<4	1.54	5	19	748	26	9	261	8	2762	62	14	75	22
BFBE038	<4	2.16	8	16	630	16	11	390	22	4000	78	14	89	15
BFBE039	<4	2.49	8	5	660	18	16	450	24	3805	70	22	69	22
BFBE040	<4	2.24	9	10	424	<10	29	313	69	4677	137	35	84	31
BFBE041	<4	1.93	9	6	229	<10	7	348	5	4211	49	14	40	25
BFBE042	6	1.64	11	12	367	15	8	406	4	3008	62	16	46	27
BFBE043	<4	1.96	11	6	469	11	7	357	2	3872	53	15	37	26
BFBE044	<4	1.38	14	13	748	15	8	322	14	2742	71	15	69	49
BFBE045	<4	1.51	13	12	719	13	7	356	14	2923	64	15	57	42
BFBE046	<4	1.37	11	18	778	14	8	316	10	3179	73	18	74	42
BFBE047	4	1.67	13	18	1256	18	8	311	10	3424	68	22	98	51
BFBF001	<4	2.19	10	9	1073	17	8	438	10	4309	104	17	127	9
BFBF002	<4	2.31	15	8	802	88	7	376	26	4018	65	14	107	18
BFBF003	<4	2.23	10	9	646	15	11	409	2	4455	79	17	107	14
BFBF004	<4	1.90	13	8	1229	86	13	309	47	4867	56	24	101	16
BFBF005	<4	2.14	12	10	1280	90	10	403	10	4670	84	15	139	18
BFBF006	<4	1.41	16	13	1617	17	20	244	22	6102	135	37	111	12
BFBF007	<4	1.42	15	13	1246	51	21	227	23	6122	144	37	119	17
BFBF008	<4	1.23	10	8	776	40	19	174	26	5228	151	29	109	23
BFBF009	<4	2.44	12	8	409	18	6	470	11	3837	53	13	93	14
BFBF010	<4	1.25	10	15	1109	58	23	196	8	7537	190	30	133	13
BFBF011	<4	1.56	12	13	1389	36	27	204	9	6870	156	45	143	18
BFBF012	<4	1.96	11	9	1574	187	19	284	10	5833	100	40	146	12
BFBF013	<4	1.59	9	15	2022	17	15	308	<2	6492	148	23	143	8
BFBF014	<4	1.99	14	9	1333	32	12	493	10	6045	116	16	109	14
BFBF015	<4	2.37	9	10	1786	17	6	441	9	3287	49	11	127	15
BFBF016	<4	1.27	14	27	1103	80	11	159	16	3736	66	25	132	23

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DEP	QDCR	CON1	CON2	CON3	FORM
BF8F017	35.739	118.607	07	51480				3	1	1				1	MSZC
BF8F019	35.736	118.663	07	51480				3	1	1				1	MSZC
BF8F020	35.734	118.695	07	51480				3	1	1				1	MSZC
BF8F021	35.734	118.721	07	51480				3	1	1				1	QTRN
BF8F022	35.706	118.726	07	51480				3	1	1				1	QTRN
BF8F023	35.706	118.699	07	51480				3	1	1				9	MSZC
BF8F024	35.688	118.731	07	51480				3	1	1				1	QTRN
BF8F025	35.670	118.744	07	51480				3	1	1				1	MSZC
BF8F026	35.711	118.560	07	51580				3	1	1				1	PRCR
BF8F027	35.685	118.573	07	51680				3	1	1				1	MSZC
BF8F028	35.668	118.584	07	51680				3	1	1				1	MSZC
BF8F029	35.517	118.735	07	51680				3	1	1				8	MSZC
BF8F030	35.531	118.714	07	51680				3	1	1				9	MSZC
BF8F031	35.547	118.691	07	51680				3	1	1				8	MSZC
BF8F032	35.565	118.681	07	51680				3	1	1				9	MSZC
BF8F033	35.581	118.671	07	51680				3	1	1				8	MSZC
BF8F034	35.595	118.653	07	51680				3	1	1				8	MSZC
BF8F035	35.616	118.616	07	51680				3	1	1				8	MSZC
BF8F036	35.643	118.592	07	51680				3	1	1				8	MSZC
BF8F037	35.613	118.666	07	51680				3	1	1				8	MSZC
BF8F038	35.622	118.695	07	51680				3	1	1				8	MSZC
BF8F039	35.618	118.726	07	51680				3	1	1				8	QTRN
BF8F040	35.598	118.724	07	51680				3	1	1				8	QTRN
BF8F041	35.667	118.531	07	51780				3	1	1				1	QTRN
BF8F042	35.669	118.554	05	51780	12.0	150.00	0.80	3	4	4	2			8	QTRN
BF8F042	35.669	118.554	05	51780	12.0	150.00	0.80	3	4	4	2			8	QTRN
BF8F043	35.653	118.531	07	51780				3	1	1				1	MSZC
BF8F044	35.702	118.523	07	51780				3	1	1				1	MSZC
BF8G001	35.638	118.413	07	51980				3	1	1				1	QTRN
BF8G002	35.633	118.388	07	51980				3	1	1				1	QTRN
BF8G003	35.656	118.438	06	51980				3	1	1				1	QTRN
BF8G004	35.651	118.487	07	51980				3	1	1				1	MSZC
BF8G005	35.680	118.488	07	51980				3	1	1				1	MSZC
BF8G006	35.705	118.476	07	51980				3	1	1				1	MSZC
BF8G007	35.720	118.494	07	51980				3	1	1				1	MSZC
BF8G008	35.705	118.447	07	51980				3	1	1				1	QTRN
BF8G009	35.726	118.431	06	51980				3	1	1				1	QTRN
BF8G010	35.732	118.416	07	51980				3	1	1				1	QTRN
BF8G011	35.707	118.414	07	51980				3	1	1				1	QTRN
BF8G012	35.684	118.438	07	51980				3	1	1				1	QTRN
BF8G013	35.691	118.407	06	51980				3	1	1				1	QTRN
BF8G014	35.681	118.376	07	51980				3	1	1				1	QTRN
BF8G015	35.673	118.343	07	51980				3	1	1				1	MSZC
BF8G016	35.610	118.400	06	52080				3	1	1				1	MSZC
BF8G017	35.607	118.429	07	52080				3	1	1				1	MSZC
BF8G018	35.602	118.460	07	52080				3	1	1				1	QTRN
BF8G019	35.585	118.429	07	52080				3	1	1				1	PRCR
BF8G020	35.568	118.402	07	52080				3	1	1				1	PRCR
BF8G021	35.554	118.385	07	52080				3	1	1				1	PRCR
BF8G022	35.593	118.488	07	52080				3	1	1				1	PRCR
BF8G023	35.584	118.464	07	52080				3	1	1				1	QTRN
BF8G024	35.563	118.496	07	52080				3	1	1				1	PRCR
BF8G025	35.550	118.477	07	52080				3	1	1				1	PRCR
BF8G026	35.536	118.465	07	52080				3	1	1				1	PRCR
BF8G027	35.534	118.441	07	52080				3	1	1				1	MSZC

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVSG	DVEG	MAP	U-FL	U-HT	AG	AL
BF8F017	10		56.00	04	1	1	3	2	2	N11101	14.23		<2	9.04
BF8F019	10		38.00	04	1	1	2	4	2	N11101	2.94		<2	9.22
BF8F020	10		32.00	04	1	1	2	2	2	N11101	2.92		<2	8.57
BF8F021	10		30.00	10	1	1	2	4	2	N11101	1.47		<2	9.06
BF8F022	10		38.00	10	1	1	2	4	2	N11101	2.55		<2	9.04
BF8F023	10		18.00	04	1	1	2	4	2	N11101	0.52		<2	9.16
BF8F024	10		22.00	10	1	1	2	4	2	N11101	1.73		<2	8.69
BF8F025	10		28.00	04	1	1	2	4	2	N11101	3.18		<2	8.86
BF8F026	10		48.00	05	1	1	3	2	2	N11101	3.85		<2	9.81
BF8F027	10		52.00	04	1	1	3	2	2	N11101	3.64		<2	9.03
BF8F028	10		30.00	04	1	1	2	2	2	N11101	2.17		<2	9.97
BF8F029	10		34.00	04	1	1	2	4	2	N11101	1.15		<2	9.14
BF8F030	10		30.00	04	1	1	2	4	2	N11101	1.69		<2	9.17
BF8F031	10		30.00	04	1	1	2	2	2	N11101	2.63		<2	9.13
BF8F032	10		32.00	04	1	1	2	2	2	N11101	2.07		<2	9.05
BF8F033	10		34.00	04	1	1	2	2	2	N11101	4.77		<2	9.75
BF8F034	10		26.00	04	1	1	2	4	2	N11101	2.52		<2	9.05
BF8F035	10		26.00	04	1	1	2	4	2	N11101	3.68		<2	9.82
BF8F036	10		34.00	04	1	1	2	4	2	N11101	3.27		<2	10.79
BF8F037	10		32.00	04	1	1	2	2	2	N11101	2.90		<2	9.57
BF8F038	10		32.00	04	1	1	2	4	2	N11101	2.98		<2	9.28
BF8F039	10		28.00	10	1	1	2	4	2	N11101	1.56		<2	9.05
BF8F040	10		30.00	10	1	1	2	4	2	N11101	1.73		<2	9.38
BF8F041	10		30.00	10	1	1	2	2	2	N11101	1.86		<2	10.65
BF8F042	10	8.3	44.00	10	3	3	2	2	2	N11101			<2	87.00
BF8F042	10	3.3	44.00	10	3	3	2	2	2	N11101	9.75		<2	9.74
BF8F043	10		34.00	04	1	1	2	2	2	N11101	1.85		<2	10.81
BF8F044	10		32.00	04	1	1	3	4	2	N11101	2.43		<2	10.43
BF8G001	10		49.00	10	1	1	2	3	2	N11101	3.22		<2	8.44
BF8G002	10		42.00	10	1	1	2	3	2	N11101	3.30		<2	7.84
BF8G003	10		40.00	10	1	1	2	3	2	N11101	8.68		<2	8.02
BF8G004	10		40.00	04	1	1	3	4	2	N11101	4.47	26.30	<2	9.88
BF8G005	10		30.00	04	1	1	3	4	2	N11101	7.05		<2	9.09
BF8G006	10		18.00	04	1	1	2	4	2	N11101	1.95		<2	9.41
BF8G007	10		36.00	04	1	1	2	4	2	N11101	3.68		<2	9.57
BF8G008	10		34.00	10	1	1	2	4	2	N11101	1.96		<2	2.45
BF8G009	10		34.00	10	1	1	2	4	2	N11101	12.83		<2	8.53
BF8G010	10		38.00	10	1	1	2	4	2	N11101	4.56		<2	8.54
BF8G011	10		32.00	10	1	1	2	3	2	N11101	4.67		<2	8.86
BF8G012	10		34.00	10	1	1	2	3	2	N11101	3.51		<2	8.01
BF8G013	10		30.00	10	1	1	2	3	2	N11101	2.61		<2	7.74
BF8G014	10		36.00	10	1	1	2	3	2	N11101	6.67		<2	8.60
BF8G015	10		38.00	04	1	1	2	3	2	N11101	14.61		<2	7.34
BF8G016	10		42.00	04	1	1	2	3	2	N11101	3.29		<2	8.18
BF8G017	10		48.00	04	1	1	3	2	2	N11101	3.96		<2	9.25
BF8G018	10		40.00	10	1	1	1	3	2	N11101	8.37		<2	9.34
BF8G019	10		42.00	05	1	1	2	3	2	N11101	4.68		<2	8.74
BF8G020	10		40.00	05	1	1	3	2	2	N11101	3.39		<2	8.12
BF8G021	10		48.00	05	1	1	3	2	2	N11101	4.10		<2	7.77
BF8G022	10		32.00	05	1	1	3	3	2	N11101	1.56		<2	7.23
BF8G023	10		52.00	10	1	1	2	3	2	N11101	3.58		<2	9.33
BF8G024	10		19.00	05	1	1	3	2	2	N11101	<0.25		<2	12.80
BF8G025	10		22.00	05	1	1	3	2	2	N11101	2.20		<2	9.40
BF8G026	10		32.00	05	1	1	3	2	2	N11101	2.36		<2	7.65
BF8G027	10		40.00	04	1	1	3	2	2	N11101	4.01		<2	12.44

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFBF017	36	550	2	1.60	55	9	33	15	3.56	<15	1.83	38	35	0.88	504
BFBF019	12	410	1	2.57	42	11	24	103	4.63	<15	0.84	22	31	1.48	738
BFBF020	11	561	1	3.06	45	11	42	9	2.58	<15	1.03	22	14	1.20	789
BFBF021	<10	358	1	3.27	31	15	26	19	5.25	<15	0.87	12	22	1.51	977
BFBF022	11	570	1	2.28	42	8	20	13	3.55	<15	1.17	21	22	0.85	831
BFBF023	10	273	1	3.82	17	36	34	17	5.75	<15	0.56	6	30	3.47	994
BFBF024	<10	354	1	3.54	26	18	15	13	5.73	20	0.69	11	13	1.82	1197
BFBF025	11	467	1	3.02	41	14	32	17	4.52	<15	1.10	15	24	1.45	937
BFBF026	15	575	1	0.34	63	13	72	24	3.66	<15	1.93	29	40	0.76	824
BFBF027	17	478	2	2.52	47	10	30	20	3.42	<15	1.17	22	29	1.09	744
BFBF028	21	332	1	3.18	38	19	29	24	5.64	<15	0.79	18	21	1.93	899
BFBF029	12	389	1	3.67	34	16	44	17	4.90	<15	0.82	12	22	1.68	900
BFBF030	11	480	1	4.28	30	12	28	5	3.71	<15	0.95	10	8	1.36	830
BFBF031	12	419	1	4.21	27	13	41	7	4.11	<15	0.93	11	13	1.51	842
BFBF032	11	429	1	3.76	36	11	31	8	3.34	<15	0.87	13	11	1.23	746
BFBF033	17	607	2	2.24	38	12	41	18	3.88	<15	1.31	21	30	1.18	803
BFBF034	16	410	1	4.14	34	14	42	11	4.41	<15	0.86	14	14	1.64	877
BFBF035	15	498	1	3.04	39	15	39	20	4.25	<15	0.89	17	23	1.38	815
BFBF036	11	481	1	2.92	45	14	25	15	4.88	16	0.75	25	19	1.41	719
BFBF037	11	439	1	4.24	43	14	42	10	4.14	<15	1.00	15	15	1.52	811
BFBF038	16	469	1	3.45	38	13	33	8	3.80	20	1.14	15	16	1.28	823
BFBF039	16	344	1	4.39	37	11	28	5	3.53	<15	0.80	13	10	1.30	763
BFBF040	<10	417	1	3.94	37	11	30	7	3.44	<15	1.02	14	15	1.26	780
BFBF041	<10	651	2	2.53	34	6	10	7	2.94	<15	1.20	18	20	0.70	531
BFBF042	13	30	<1	13.70	<30	<2	<4	<2	71.00		2.10		21	2.00	8
BFBF042	10	369	2	3.52	38	5	10	4	2.76	<15	1.12	17	25	0.80	697
BFBF043	11	613	2	2.56	24	6	10	7	2.29	<15	1.13	14	21	0.67	464
BFBF044	<10	777	2	2.14	49	5	8	6	2.52	<15	1.39	26	25	0.48	517
BFBG001	81	598	2	1.48	48	9	14	31	3.91	<15	1.69	24	35	0.74	764
BFBG002	17	482	3	1.13	65	15	73	32	4.60	<15	1.79	34	65	0.99	681
BFBG003	26	707	2	1.03	74	5	11	11	2.84	<15	2.40	39	30	0.40	625
BFBG004	18	738	2	1.98	51	5	12	10	2.56	<15	1.65	28	46	0.56	636
BFBG005	<10	618	1	2.55	55	11	7	8	4.53	<15	1.30	29	40	0.95	866
BFBG006	<10	323	1	3.93	44	18	35	21	6.37	<15	0.58	17	27	1.81	1149
BFBG007	<10	264	1	3.48	45	15	23	20	5.17	<15	0.85	16	22	1.49	846
BFBG008	12	163	1	0.54	38	8	24	23	2.41	<15	0.61	20	30	0.54	481
BFBG009	21	456	3	1.56	119	5	23	6	2.08	<15	1.46	66	54	0.53	683
BFBG010	18	378	3	2.09	54	7	26	11	2.92	<15	1.92	25	47	0.80	635
BFBG011	<10	403	2	3.68	81	11	31	12	4.27	<15	1.08	28	31	1.30	772
BFBG012	26	604	2	1.76	72	9	27	17	3.46	<15	1.71	37	32	0.85	724
BFBG013	12	480	2	2.42	73	21	90	33	6.06	<15	1.37	34	36	1.31	1107
BFBG014	<10	381	2	3.86	102	12	16	16	4.70	15	1.05	46	34	1.28	855
BFBG015	<10	413	2	4.59	100	17	26	27	7.24	<15	0.86	50	31	1.73	1245
BFBG016	15	620	2	1.97	55	10	19	16	4.80	<15	1.36	28	42	0.82	917
BFBG017	35	966	2	0.50	104	7	19	16	4.33	<15	1.86	51	26	0.50	527
BFBG018	18	533	3	1.53	98	8	19	12	3.91	<15	1.50	52	62	0.65	707
BFBG019	24	605	3	1.43	60	7	23	60	2.89	<15	1.79	29	37	0.62	556
BFBG020	25	662	2	2.34	68	12	38	27	4.33	<15	1.56	32	47	1.15	900
BFBG021	70	585	2	3.54	67	13	45	20	4.96	<15	1.35	32	36	1.36	973
BFBG022	10	479	2	1.24	55	12	57	20	4.15	<15	1.39	25	29	0.92	723
BFBG023	15	688	2	1.22	73	6	20	11	2.53	<15	2.00	39	26	0.48	477
BFBG024	<10	89	<1	3.79	<10	34	123	49	4.51	<15	0.14	<2	11	2.00	566
BFBG025	20	468	1	2.34	41	35	263	59	4.89	<15	1.07	18	33	1.87	981
BFBG026	36	542	2	2.13	70	26	149	50	5.68	<15	1.81	34	61	1.83	775
BFBG027	25	989	2	1.15	51	4	12	7	2.65	<15	2.03	34	26	0.30	309

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BF8F017	<4	1.53	10	12	378	15	15	171	19	3302	57	47	75	29
BF8F019	<4	1.26	12	15	822	<10	15	272	6	4793	141	21	64	15
BF8F020	<4	2.20	12	18	205	<10	13	379	6	4184	61	16	60	20
BF8F021	<4	1.72	8	11	590	<10	20	269	<2	5530	168	21	97	16
BF8F022	<4	2.26	10	12	592	11	13	260	11	4673	71	23	91	35
BF8F023	<4	1.08	4	65	526	<10	14	227	2	3178	99	13	33	17
BF8F024	<4	1.85	8	12	593	11	18	279	4	6160	150	21	99	21
BF8F025	<4	1.84	10	13	563	15	18	254	11	4656	117	24	96	21
BF8F026	<4	0.36	14	40	618	31	10	78	15	4455	72	5	89	24
BF8F027	<4	1.59	11	11	1060	47	12	246	20	3734	81	22	139	26
BF8F028	<4	1.13	8	13	224	<10	25	194	14	5017	171	26	88	14
BF8F029	<4	2.05	7	15	338	<10	20	297	2	5117	136	25	126	14
BF8F030	<4	2.40	8	6	242	<10	21	265	5	3710	121	28	64	17
BF8F031	<4	2.22	7	9	317	14	22	290	5	3899	130	27	73	22
BF8F032	<4	2.15	8	8	293	19	18	278	12	3070	104	20	63	14
BF8F033	<4	1.63	9	15	797	12	14	201	14	3778	98	17	103	24
BF8F034	<4	1.71	7	8	495	<10	23	237	10	3663	132	23	80	18
BF8F035	<4	1.40	7	12	1105	14	16	219	21	4290	119	17	87	14
BF8F036	<4	1.31	8	9	161	19	21	212	11	4398	139	30	76	13
BF8F037	<4	2.19	8	10	480	14	20	285	17	3853	125	25	74	17
BF8F038	<4	2.14	7	9	268	24	18	249	9	3903	115	26	79	23
BF8F039	<4	2.40	7	7	402	12	21	278	6	3062	113	30	62	17
BF8F040	<4	2.33	5	11	280	11	18	230	8	3203	102	24	68	16
BF8F041	<4	2.42	6	5	675	<10	7	490	7	3935	64	6	96	11
BF8F042	<4	9.80	4	6	<40	<10	<1	120	<5	2	<4	<1	37	<2
BF8F042	<4	2.39	15	3	353	14	11	391	37	4810	72	20	69	69
BF8F043	<4	2.34	5	5	492	<10	6	492	4	2891	50	7	80	10
BF8F044	<4	2.24	9	6	358	19	5	428	9	3195	45	8	85	11
BF8G001	<4	1.72	10	8	529	35	11	182	9	4385	73	25	125	41
BF8G002	<4	1.23	15	38	464	30	12	272	6	4485	85	8	93	28
BF8G003	<4	2.10	16	4	342	12	7	165	42	4369	44	26	78	84
BF8G004	<4	2.57	12	10	520	17	6	408	22	3590	48	11	102	20
BF8G005	<4	1.86	10	4	1285	17	9	428	15	5448	116	12	139	10
BF8G006	<4	1.65	10	10	1126	<10	20	336	7	6799	188	22	103	12
BF8G007	<4	1.79	9	10	847	113	16	328	19	5685	161	19	99	35
BF8G008	<4	0.05	<4	17	1081	26	5	46	12	1825	54	9	95	6
BF8G009	<4	2.55	15	6	416	27	8	180	56	3501	45	35	83	170
BF8G010	<4	2.25	20	10	872	59	10	265	16	3603	69	16	77	22
BF8G011	<4	2.26	19	10	1584	13	12	518	6	6654	121	20	95	16
BF8G012	<4	1.69	25	13	610	18	10	262	8	4726	80	23	82	33
BF8G013	<4	1.28	23	47	718	12	16	236	7	7130	149	21	116	24
BF8G014	<4	2.31	23	11	1712	18	12	545	26	6932	129	19	101	20
BF8G015	<4	1.57	22	13	4114	47	18	486	24	7623	180	18	129	17
BF8G016	<4	1.52	15	9	940	18	12	277	6	5609	90	25	90	27
BF8G017	<4	1.22	12	6	321	504	12	153	13	3829	58	32	109	70
BF8G018	<4	2.13	17	11	561	23	11	191	38	3598	52	39	99	36
BF8G019	<4	2.23	14	12	454	447	9	175	25	2802	52	18	82	39
BF8G020	<4	1.75	16	17	1129	21	12	252	11	4739	90	25	130	34
BF8G021	<4	1.78	21	14	1518	<10	14	340	13	5839	116	28	100	35
BF8G022	<4	1.16	12	26	393	40	12	166	8	5053	86	14	81	42
BF8G023	<4	2.28	11	13	340	17	7	166	24	2903	50	15	61	61
BF8G024	<4	0.44	<4	35	130	<10	12	218	<2	1001	85	3	45	3
BF8G025	<4	0.78	10	41	447	<10	21	139	5	3104	152	11	84	21
BF8G026	<4	0.93	13	173	676	130	14	443	10	4562	58	17	128	30
BF8G027	<4	2.29	13	9	208	22	6	170	12	1917	22	11	70	67

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CDCR	CON1	CON2	CON3	FORM
BFBG028	35.525	118.424	07	52080				3	1	1				1	MSZC
BFBG029	35.511	118.406	07	52080				3	1	1				1	MSZC
BFBG030	35.638	118.363	07	52190				3	1	1				1	QTRN
BFBG031	35.645	118.342	07	52180				3	1	1				8	QTRN
BFBG032	35.641	118.312	07	52180				3	1	1				8	QTRN
BFBG033	35.664	118.305	07	52180				3	1	1				8	QTRN
BFBG034	35.666	118.260	07	52180				3	1	1			7	1	QTRN
BFBG035	35.688	118.290	07	52180				3	1	1				8	QTRN
BFBG036	35.707	118.301	07	52180				3	1	1				1	QTRN
BFBG037	35.724	118.302	07	52180				3	1	1				1	QTRN
BFBG038	35.739	118.308	07	52180				3	1	1				1	PLST
BFBG039	35.653	118.282	07	52180				3	1	1				1	QTRN
BFBG040	35.636	118.264	07	52180				3	1	1				1	QTRN
BFBG041	35.623	118.258	07	52280				3	1	1			8	1	QTRN
BFBG042	35.614	118.274	07	52280				3	1	1				8	QTRN
BFBG043	35.596	118.259	06	52280				3	1	1				8	QTRN
BFBG044	35.582	118.256	06	52280				3	1	1				8	QTRN
BFBG045	35.569	118.273	06	52280				3	1	1				8	MSZC
BFBH001	35.599	118.239	07	51580				3	1	1				8	QTRN
BFBH002	35.557	118.227	07	51580				3	1	1				8	QTRN
BFBH003	35.541	118.204	06	51580				3	1	1				9	QTRN
BFBH004	35.507	118.193	07	51580				3	1	1				8	MSZC
BFBH005	35.502	118.165	07	51580				3	1	1				8	MSZC
BFBH006	35.523	118.176	06	51580				3	1	1				8	MSZC
BFBH007	35.558	118.169	06	51580				3	1	1				9	MSZC
BFBH008	35.553	118.130	07	51580				3	1	1				8	MSZC
BFBH009	35.732	118.129	07	51580				3	1	1				8	QTRN
BFBH010	35.652	118.013	07	51680				3	1	1				8	MSZC
BFBH011	35.665	118.039	07	51680				3	1	1				8	MSZC
BFBH012	35.688	118.052	05	51680	16.0	330.00	2.60	3	5	2	2			8	MSZC
BFBH012	35.688	118.052	05	51680	16.0	330.00	2.60	3	5	2	2			8	MSZC
BFBH013	35.707	118.067	07	51680				3	1	1				8	MSZC
BFBH014	35.724	118.074	06	51680				3	1	1				8	MSZC
BFBH015	35.737	118.089	06	51680				3	1	1				8	MSZC
BFBH016	35.744	118.111	07	51680				3	1	1				8	QTRN
BFBH017	35.729	118.164	07	51680				3	1	1				8	MSZC
BFBH018	35.703	118.163	05	51680	21.0	480.00	3.10	3	4	2	2			8	MSZC
BFBH018	35.703	118.163	05	51680	21.0	480.00	3.10	3	4	2	2			8	MSZC
BFBH019	35.696	118.196	07	51680				3	1	1				8	MSZC
BFBH020	35.634	118.209	06	51780				3	1	1				8	QTRN
BFBH021	35.612	118.217	06	51780				3	1	1				8	MSZC
BFBH022	35.599	118.197	06	51780				3	1	1				8	MSZC
BFBH023	35.545	118.113	06	51780				3	1	1				8	MSZC
BFBH024	35.534	118.092	07	51780				3	1	1				8	MSZC
BFBH025	35.520	118.083	07	51780				3	1	1				8	QTRN
BFBH026	35.508	118.057	07	51780				3	1	1				8	QTRN
BFBH027	35.515	118.027	07	51780				3	1	1				8	QTRN
BFBH028	35.532	118.047	06	51780				3	1	1				8	QTRN
BFBH029	35.541	118.007	07	51780				3	1	1				8	QTRN
BFBH030	35.557	118.034	07	51780				3	1	1				8	MSZC
BFBH031	35.560	118.059	06	51780				3	1	1				8	MSZC
BFBH032	35.577	118.083	06	51780				3	1	1				8	MSZC
BFBH033	35.583	118.123	07	51780				3	1	1				8	MSZC
BFBH034	35.622	118.072	07	51780				3	1	1				8	PRCR
BFBH035	35.619	118.101	07	51780				3	1	1				8	PRCR

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	S_VL	RELF	TVEG	DVEG	MAP	U-FL	U-HT	AG	AL
BFBG028	10		44.00	04	1	1	3	2	2	N11101	6.43		<2	10.82
BFBG029	10		50.00	04	1	1	3	2	2	N11101	6.63		<2	10.03
BFBG030	10		50.00	10	1	1	1	3	2	N11101	2.32		<2	7.96
BFBG031	10		48.00	10	1	1	1	3	2	N11101	3.49		<2	8.45
BFBG032	10		52.00	10	1	1	2	3	2	N11101	8.24		<2	8.65
BFBG033	10		46.00	10	1	1	2	3	2	N11101	7.00		<2	8.76
BFBG034	10		46.00	10	1	1	2	3	2	N11101	4.23		<2	1.98
BFBG035	10		42.00	10	1	1	2	3	2	N11101	7.49		<2	9.42
BFBG036	10		54.00	10	1	1	2	3	2	N11101	4.16		<2	9.64
BFBG037	10		48.00	10	1	1	2	3	2	N11101	2.85		<2	9.67
BFBG038	10		49.00	02	1	1	2	3	2	N11101	3.52		<2	9.63
BFBG039	10		40.00	10	1	1	2	3	2	N11101	5.74		<2	9.30
BFBG040	10		40.00	10	1	1	2	3	2	N11101	7.12		<2	9.10
BFBG041	10		50.00	10	1	1	1	3	2	N11101	5.38		<2	8.73
BFBG042	10		46.00	10	1	1	2	3	2	N11101	4.65		<2	8.89
BFBG043	10		40.00	10	1	1	3	3	2	N11101	4.32		<2	9.00
BFBG044	10		48.00	10	1	1	2	3	2	N11101	2.47		<2	6.96
BFBG045	10		42.00	04	1	1	3	3	2	N11101	6.19		<2	7.10
BFBH001	10		54.00	10	1	1	1	3	2	N11101	6.54		<2	8.05
BFBH002	10		38.00	10	1	1	1	3	2	N11101	3.22		<2	8.41
BFBH003	10		43.00	10	1	1	1	3	2	N11101	4.54		<2	8.48
BFBH004	10		32.00	04	1	1	2	3	2	N11101	5.14		<2	8.50
BFBH005	10		42.00	04	1	1	3	3	2	N11101	2.82		<2	9.55
BFBH006	10		42.00	04	1	1	3	3	2	N11101	6.28		<2	8.07
BFBH007	10		60.00	04	1	1	3	3	2	N11101	8.34		<2	8.02
BFBH008	10		50.00	04	1	1	3	3	2	N11101	3.31		<2	9.48
BFBH009	10		40.00	10	1	1	1	3	2	N11101	4.07		<2	9.25
BFBH010	10		26.00	04	1	1	2	3	2	N11101	1.56		<2	9.62
BFBH011	10		34.00	04	1	1	2	3	2	N11101	4.47		<2	9.28
BFBH012	10	7.1	44.00	04	3	3	2	3	3	N11101			<2	218.00
BFBH012	10	7.1	44.00	04	3	3	2	3	3	N11101	8.06		<2	15.40
BFBH013	10		42.00	04	1	1	2	3	2	N11101	6.16		<2	8.18
BFBH014	10		36.00	04	1	1	2	3	2	N11101	2.51		<2	8.82
BFBH015	10		32.00	04	1	1	3	3	2	N11101	2.80		<2	9.01
BFBH016	10		32.00	10	1	1	1	3	2	N11101	3.01		<2	8.43
BFBH017	10		52.00	04	1	1	3	3	2	N11101	9.55		<2	10.21
BFBH018	10	7.3	50.00	04	3	3	1	3	2	N11101			3	147.00
BFBH018	10	7.3	50.00	04	3	3	1	3	2	N11101	12.79		<2	8.45
BFBH019	10		46.00	04	1	1	3	3	2	N11101	2.76		<2	8.81
BFBH020	10		54.00	10	1	1	2	4	3	N11101	11.50		<2	7.72
BFBH021	10		44.00	04	1	1	3	3	2	N11101	6.10		<2	7.82
BFBH022	10		48.00	04	1	1	2	3	2	N11101	6.72		<2	9.00
BFBH023	10		40.00	04	1	1	3	3	2	N11101	3.14		<2	9.74
BFBH024	10		42.00	04	1	1	2	3	2	N11101	3.51		<2	3.34
BFBH025	10		40.00	10	1	1	2	3	2	N11101	6.26		<2	8.37
BFBH026	10		50.00	10	1	1	2	3	2	N11101	3.42		<2	8.55
BFBH027	10		48.00	10	1	1	1	3	2	N11101	2.61		<2	8.92
BFBH028	10		39.00	10	1	1	2	3	2	N11101	3.16		<2	9.11
BFBH029	10		32.00	10	1	1	1	3	2	N11101	4.12		<2	8.90
BFBH030	10		40.00	04	1	1	2	3	2	N11101	4.27		<2	8.95
BFBH031	10		38.00	04	1	1	2	3	2	N11101	9.14		<2	6.82
BFBH032	10		66.00	04	1	1	3	3	2	N11101	4.60		<2	9.72
BFBH033	10		62.00	04	1	1	2	2	2	N11101	10.39		<2	9.29
BFBH034	10		40.00	C5	1	1	2	2	3	N11101	3.08		<2	9.24
BFBH035	10		44.00	C5	1	1	2	2	2	N11101	3.50		<2	9.24

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFBG028	23	641	3	1.29	76	5	10	6	2.92	<15	1.88	42	55	0.38	617
BFBG029	24	639	3	1.44	98	4	9	8	2.73	<15	1.60	47	68	0.36	861
BFBG030	29	552	2	2.06	72	11	47	27	4.30	<15	1.47	34	50	1.13	753
BFBG031	31	799	2	2.03	69	9	40	26	3.63	<15	1.62	34	38	0.97	694
BFBG032	24	500	2	3.72	111	10	23	12	5.40	<15	1.21	50	29	1.38	920
BFBG033	24	627	2	3.65	94	11	23	25	5.05	<15	1.27	44	31	1.26	888
BFBG034	30	666	2	3.05	88	11	18	11	4.56	<15	1.41	40	46	1.21	772
BFBG035	22	616	3	2.48	142	4	8	7	2.52	<15	1.73	63	40	0.47	465
BFBG036	34	769	3	1.99	105	6	16	13	2.87	<15	1.98	49	43	0.68	735
BFBG037	26	876	3	1.76	91	9	42	15	3.01	<15	1.84	48	42	0.67	740
BFBG038	22	767	3	2.08	94	4	12	8	1.94	<15	1.80	47	31	0.44	531
BFBG039	22	515	2	3.32	89	14	24	18	5.61	<15	1.07	40	35	1.38	892
BFBG040	25	673	2	3.07	86	9	19	12	3.95	<15	1.41	38	28	1.00	783
BFBG041	24	884	2	2.51	70	8	27	21	3.42	<15	1.58	34	37	1.03	785
BFBG042	23	903	2	2.54	70	8	26	22	3.49	<15	1.54	36	36	1.05	796
BFBG043	19	782	2	3.04	62	10	34	27	4.11	<15	1.53	31	46	1.37	818
BFBG044	30	1075	2	3.41	51	8	42	40	3.29	<15	1.36	25	29	1.07	590
BFBG045	23	1048	2	3.74	58	10	50	30	4.01	<15	1.34	25	33	1.23	723
BFBH001	17	608	2	2.99	90	13	22	16	5.12	<15	1.43	42	48	1.50	1029
BFBH002	27	892	2	2.86	66	7	26	19	2.96	<15	1.49	25	24	1.02	640
BFBH003	24	773	2	3.02	110	13	40	15	4.59	<15	1.43	48	42	1.44	955
BFBH004	23	738	2	2.96	156	9	13	13	4.98	<15	1.52	65	44	1.07	640
BFBH005	106	1163	2	2.27	157	8	4	10	4.42	<15	2.23	77	45	0.97	591
BFBH006	22	685	2	3.48	205	7	11	10	5.05	<15	1.34	86	33	0.97	710
BFBH007	19	441	2	3.35	139	8	12	12	3.23	<15	1.36	60	29	1.11	874
BFBH008	18	484	2	2.93	73	14	13	11	7.50	<15	1.30	25	36	1.18	1170
BFBH009	18	646	2	2.08	88	7	18	18	2.64	<15	1.48	41	36	0.81	706
BFBH010	27	955	1	3.41	43	7	9	19	3.22	<15	1.25	19	13	0.76	1045
BFBH011	15	762	1	3.31	88	10	18	45	4.54	<15	1.33	39	30	1.10	1416
BFBH012	49	51	<1	48.10	<30	<2	<4	9	253.00		2.10		26	11.70	40
BFBH012	17	884	4	5.94	209	9	17	29	5.47	<15	1.86	91	47	1.51	1412
BFBH013	33	605	3	1.59	82	6	20	13	2.71	<15	1.78	42	30	0.58	692
BFBH014	23	632	1	4.74	56	16	20	43	6.59	<15	0.92	22	21	1.76	1574
BFBH015	22	660	2	2.40	145	<4	7	9	2.63	<15	1.47	57	16	0.32	362
BFBH016	24	762	2	2.82	64	12	42	45	4.25	<15	1.49	28	39	1.29	941
BFBH017	25	720	4	2.16	135	6	12	12	3.44	<15	1.64	71	65	0.84	938
BFBH018	62	39	<1	52.60	<30	<2	<4	16	102.00		2.10		94	10.20	4
BFBH018	24	627	2	2.45	113	8	15	17	4.09	<15	1.63	51	56	0.90	937
BFBH019	21	1050	2	2.00	96	6	14	14	2.50	<15	2.15	45	32	0.69	619
BFBH020	25	465	2	3.90	141	13	22	16	5.92	<15	1.26	63	38	1.68	1129
BFBH021	22	595	2	3.59	120	13	21	18	5.32	<15	1.36	53	41	1.42	1008
BFBH022	20	527	2	3.43	124	16	19	22	6.41	<15	1.57	57	64	1.85	1162
BFBH023	30	740	2	2.14	76	13	13	13	4.51	<15	1.87	34	54	1.23	942
BFBH024	27	960	2	1.76	106	5	10	13	2.76	<15	1.90	53	18	0.52	741
BFBH025	24	767	2	2.07	89	8	14	9	3.55	<15	1.50	41	21	0.63	750
BFBH026	26	930	2	1.83	100	7	13	12	7.07	<15	1.93	47	21	0.51	716
BFBH027	24	873	3	1.80	72	7	16	14	2.79	<15	1.67	37	32	0.66	632
BFBH028	26	831	3	1.60	85	9	14	13	2.97	<15	2.02	35	33	0.57	760
BFBH029	23	725	2	2.80	87	13	20	20	4.91	<15	1.50	41	45	1.24	1011
BFBH030	22	656	2	3.58	80	13	20	12	5.34	<15	1.45	35	39	1.46	1136
BFBH031	16	693	2	2.49	187	10	20	8	11.19	<15	1.71	93	16	0.82	1408
BFBH032	20	648	4	1.98	70	6	11	11	3.00	<15	1.97	35	45	0.76	903
BFBH033	36	638	3	1.75	127	10	8	19	4.15	27	1.94	56	46	0.88	924
BFBH034	27	624	3	2.29	55	11	55	26	4.18	<15	1.57	27	44	0.79	1221
BFBH035	29	508	3	1.74	47	9	12	27	2.99	<15	1.98	28	44	0.72	872

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBG028	<4	2.66	13	7	507	23	7	182	20	2376	29	21	99	49
BFBG029	<4	2.67	16	7	655	32	6	195	21	2093	24	17	112	52
BFBG030	<4	1.50	16	22	853	17	12	325	15	5075	104	15	89	24
BFBG031	<4	1.79	21	20	928	20	10	378	14	4507	101	20	92	20
BFBG032	<4	2.13	29	12	1293	<10	14	494	35	7949	137	24	99	21
BFBG033	<4	2.29	22	11	1408	104	12	548	12	6120	127	15	115	17
BFBG034	<4	2.11	22	8	1612	24	11	464	13	5851	90	22	131	18
BFBG035	<4	3.27	36	4	1332	21	4	562	15	6420	59	24	71	24
BFBG036	<4	2.77	27	9	514	18	7	446	14	5594	66	19	94	28
BFBG037	<4	2.44	24	26	571	19	7	419	14	5027	60	14	103	32
BFBG038	<4	2.89	24	7	703	18	4	499	10	4788	43	14	67	16
BFBG039	<4	1.90	22	15	962	18	12	536	22	6579	139	18	108	20
BFBG040	<4	2.48	25	10	957	18	10	506	36	5991	57	21	89	25
BFBG041	<4	2.36	24	13	1091	13	10	410	14	4736	89	20	93	20
BFBG042	<4	2.27	21	16	1088	13	10	417	13	4634	87	15	96	18
BFBG043	<4	2.35	23	13	1372	<10	11	423	10	5267	101	20	107	17
BFBG044	<4	1.48	14	18	937	15	10	455	8	4258	124	17	102	19
BFBG045	<4	1.36	20	22	1155	<10	12	455	15	5555	154	23	112	21
BFBH001	<4	1.82	24	9	1511	16	13	365	20	6523	131	24	113	23
BFBH002	<4	2.47	18	12	826	15	10	442	10	4401	83	20	81	15
BFBH003	<4	2.02	27	18	1387	20	12	429	17	6751	112	24	111	21
BFBH004	<4	2.09	29	8	2348	18	10	545	17	8227	109	22	145	18
BFBH005	<4	1.92	11	3	1720	28	5	430	13	3179	73	16	162	8
BFBH006	<4	2.05	43	4	2635	<10	11	544	14	11485	126	34	120	23
BFBH007	<4	2.37	38	8	1546	<10	13	422	25	7707	98	30	82	21
BFBH008	<4	2.43	26	7	316	12	13	379	9	9016	211	24	85	24
BFBH009	<4	2.46	20	12	982	22	8	502	12	4860	69	17	107	17
BFBH010	<4	2.80	14	4	631	11	9	617	3	3294	90	18	70	12
BFBH011	<4	2.51	24	8	1602	19	10	534	6	5290	118	28	108	29
BFBH012	<4	24.10	<4	<4	46		<1	345	<5	5	6	<1	21	<2
BFBH012	<4	4.39	44	6	3551	16	17	926	24	10082	154	46	130	28
BFBH013	<4	2.40	21	15	418	39	7	253	19	2752	61	20	65	45
BFBH014	<4	2.08	14	11	1634	<10	18	561	3	5383	194	25	100	12
BFBH015	<4	3.13	27	5	1066	12	4	725	15	6434	71	18	53	17
BFBH016	<4	2.13	15	27	1480	48	12	442	12	4669	118	17	151	18
BFBH017	<4	2.44	38	8	1355	51	9	371	18	4175	69	24	111	24
BFBH018	<4	36.80	<4	11	41		1	408	<5	6	11	1	17	<2
BFBH018	<4	2.55	28	8	1613	24	9	407	31	5586	100	24	101	23
BFBH019	<4	2.46	18	8	994	21	7	410	12	3521	55	13	69	12
BFBH020	<4	1.72	36	11	2243	<10	16	435	30	9860	162	25	131	26
BFBH021	<4	1.81	33	9	2555	22	13	474	25	9007	131	25	148	26
BFBH022	<4	1.78	29	11	2292	<10	15	415	19	8804	166	24	158	19
BFBH023	<4	2.28	15	11	706	16	12	345	16	4605	119	22	94	23
BFBH024	<4	2.28	28	8	289	17	6	336	32	4940	66	17	58	22
BFBH025	<4	2.18	30	10	348	22	7	386	19	5562	85	22	60	29
BFBH026	<4	2.39	27	9	388	14	6	384	24	5135	75	20	62	22
BFBH027	<4	2.21	20	9	489	19	7	370	15	3468	59	16	73	21
BFBH028	<4	2.44	23	10	377	20	7	313	26	4195	64	17	67	35
BFBH029	<4	2.12	23	10	892	16	13	370	12	5944	128	23	87	21
BFBH030	<4	2.35	26	9	971	34	15	390	8	6729	144	27	90	36
BFBH031	<4	1.82	60	6	608	<10	11	357	65	10617	215	36	84	40
BFBH032	<4	2.80	33	5	644	22	8	303	17	4265	64	18	86	20
BFBH033	<4	2.35	28	6	970	44	10	264	59	4678	84	32	80	52
BFBH034	<4	2.16	15	21	1034	26	11	277	11	3514	51	16	97	23
BFBH035	<4	2.32	16	10	634	12	8	287	14	3734	77	16	76	20

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT.	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	ODOR	CON1	CON2	CON3	FORM
BFBH036	35.606	118.118	07	51780				4	1	1				8	PRCR
BFBH037	35.579	118.027	07	51780				3	1	1				8	MSZC
BFBH038	35.588	118.052	07	51780				3	1	1				8	MSZC
BFBH039	35.594	118.082	07	51780				3	1	1				8	MSZC
BFBH040	35.639	118.234	06	51980				3	1	1				8	QTRN
BFBH041	35.573	118.198	06	51780				3	1	1				8	QTRN
BFBH042	35.583	118.238	06	51980				3	1	1				8	MSZC
BFBH043	35.683	118.216	07	52080				3	1	1				8	QTRN
BFCA001	35.455	119.769	07	40380				4	1	1			8	9	QTRN
BFCA002	35.485	119.769	07	40380				4	1	1			8	9	QTRN
BFCA003	35.483	119.804	07	40380				4	1	1			9	8	QTRN
BFCA004	35.485	119.841	07	40380				3	1	1			8	9	QTRN
BFCA005	35.484	119.867	07	40380				3	1	1			9	8	QTRN
BFCA006	35.455	119.838	07	40380				4	1	1			9	8	QTRN
BFCA007	35.455	119.804	07	40380				4	1	1				8	QTRN
BFCA008	35.427	119.766	07	40380				4	1	1			8	9	QTRN
BFCA009	35.401	119.767	07	40380				4	1	1			9	8	QTRN
BFCA010	35.367	119.779	07	40380				4	1	1			9	8	QTRN
BFCA011	35.337	119.791	07	40380				3	1	1				8	QTRN
BFCA012	35.330	119.765	07	40380				3	1	1			8	7	QTRN
BFCA013	35.316	119.788	07	40480				3	1	1				8	QTRN
BFCA014	35.296	119.777	07	40480				3	1	1				8	QTRN
BFCA015	35.300	119.808	07	40480				3	1	1				8	QTRN
BFCA016	35.302	119.839	07	40480				4	1	1				8	QTRN
BFCA017	35.284	119.840	07	40480				4	1	1				8	QTRN
BFCA018	35.255	119.817	06	40480				3	1	1				8	QTRN
BFCA019	35.264	119.844	07	40480				4	1	1				7	QTRN
BFCA020	35.356	119.826	07	40880				3	1	1				2	UNKN
BFCA021	35.341	119.841	07	40880				2	1	1				2	UNKN
BFCA022	35.322	119.851	06	40880				3	1	1				8	QTRN
BFCA023	35.326	119.875	06	40880				3	1	1				2	QTRN
BFCA024	35.349	119.905	06	40880				3	1	1				2	QTRN
BFCA025	35.348	119.886	06	40880				4	1	1				8	QTRN
BFCA026	35.367	119.923	07	40880				4	1	1				2	QTRN
BFCA027	35.352	119.958	06	40880				3	1	1				8	QTRN
BFCA028	35.351	119.982	07	40880				4	1	1				7	QTRN
BFCA029	35.337	119.933	07	40880				4	1	1				7	QTRN
BFCA030	35.319	119.915	07	40880				4	1	1				5	QTRN
BFCA031	35.293	119.907	07	40880				4	1	1				7	QTRN
BFCA033	35.293	119.966	05	40880	17.0	29400.00	3.00	4	5	2	2			8	QTRN
BFCA034	35.313	119.994	07	40880				4	1	1				7	QTRN
BFCA035	35.273	119.944	05	40880	17.0	29700.00	10.20	3	6	4	2			2	QTRN
BFCA035	35.273	119.944	05	40880	17.0	29700.00	10.20	3	6	4	2			2	QTRN
BFCA036	35.256	119.925	07	40880				4	1	1				7	QTRN
BFCA037	35.299	119.881	07	40980				4	1	1				7	QTRN
BFCA038	35.276	119.917	05	40980	17.0	50000.00	6.40	4	5	3	2			2	QTRN
BFCA038	35.276	119.917	05	40980	17.0	50000.00	6.40	4	5	3	2			2	QTRN
BFCA039	35.384	119.902	06	40980				4	1	1				8	UNKN
BFCA040	35.408	119.915	06	40980				4	1	1				8	UNKN
BFCA041	35.428	119.936	06	40980				4	1	1			8	7	QTRN
BFCA042	35.450	119.930	06	40980				4	1	1				8	QTRN
BFCA043	35.433	119.964	06	40980				4	1	1				8	QTRN
BFCA044	35.417	119.998	06	40980				4	1	1				8	QTRN
BFCA045	35.388	119.986	06	40980				3	1	1				8	QTRN
BFCA046	35.418	119.967	07	40980				4	1	1				8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	NAP	U-FL	U-HT	AG	AL
BFBH036	10		28.00	05	1	1	2	2	2	N11101	2.13		<2	8.95
BFBH037	10		46.00	04	1	1	3	2	2	N11101	2.21		<2	9.79
BFBH038	10		45.00	04	1	1	3	2	2	N11101	3.69		<2	9.06
BFBH039	10		48.00	04	1	1	2	3	2	N11101	2.60		<2	9.66
BFBH040	10		48.00	10	1	1	2	3	2	N11101	6.25		<2	8.40
BFBH041	10		48.00	10	1	1	2	3	2	N11101	7.23		<2	7.64
BFBH042	10		44.00	04	1	1	2	3	2	N11101	2.83		<2	8.65
BFBH043	10		40.00	10	1	1	1	3	2	N11101	6.10		<2	8.65
BFCA001	10		44.00	10	1	1	1	4	3	N11101	2.19		<2	5.83
BFCA002	10		50.00	10	1	1	1	4	3	N11101	2.18		<2	7.21
BFCA003	10		48.00	10	1	1	1	4	3	N11101	1.58		<2	5.56
BFCA004	10		46.00	10	1	1	1	4	3	N11101	1.73		<2	5.80
BFCA005	10		52.00	10	1	1	1	4	3	N11101	1.81		<2	6.79
BFCA006	10		50.00	10	1	1	1	4	3	N11101	1.75		<2	7.18
BFCA007	10		46.00	10	1	1	1	4	3	N11101	2.12		<2	6.12
BFCA008	10		56.00	10	1	1	1	4	3	N11101	5.35		<2	5.23
BFCA009	10		56.00	10	1	1	1	4	3	N11101	1.58		<2	6.20
BFCA010	10		44.00	10	1	1	1	4	3	N11101	1.88		<2	5.19
BFCA011	10		46.00	10	1	1	2	4	3	N11101	3.07		<2	4.43
BFCA012	10		44.00	10	1	1	2	4	2	N11101	10.24		<2	4.80
BFCA013	10		64.00	10	1	1	2	4	3	N11101	4.62		<2	5.38
BFCA014	10		38.00	09	1	1	2	4	3	N11101	2.65		<2	5.40
BFCA015	10		56.00	10	1	1	2	4	3	N11101	3.06		<2	5.44
BFCA016	10			10	1	1	2	4	3	N11101	9.42		<2	4.75
BFCA017	10		52.00	10	1	1	1	4	3	N11101	4.65		<2	5.51
BFCA018	10		64.00	10	1	1	1	4	3	N11101	3.84		<2	6.93
BFCA019	10		58.00	10	1	1	1	1	3	N11101	3.45		<2	6.25
BFCA020	5		40.00	09	1	1	3	4	2	N11101	8.31		<2	5.77
BFCA021	5		38.00	09	1	1	3	4	2	N11101	3.59		<2	5.33
BFCA022	5		36.00	10	1	1	3	4	1	N11101	7.04		<2	5.14
BFCA023	5		38.00	10	1	1	3	4	1	N11101	3.22		<2	5.31
BFCA024	5		35.00	10	1	1	2	4	2	N11101	2.50		<2	6.09
BFCA025	5		48.00	10	1	1	2	4	2	N11101	5.50		<2	5.99
BFCA026	5		32.00	10	1	1	2	4	2	N11101	4.43		<2	6.22
BFCA027	5		39.00	10	1	1	2	4	2	N11101	0.73		<2	1.52
BFCA028	5		32.00	10	1	1	2	4	2	N11101	1.52		<2	6.03
BFCA029	5		37.00	10	1	1	2	4	2	N11101	2.04		<2	6.49
BFCA030	5		34.00	10	1	1	2	4	2	N11101	3.48		<2	5.79
BFCA031	5		47.00	10	1	1	1	4	2	N11101	2.75		<2	6.13
BFCA033	5	9.8	47.00	10	2	2	2	4	2	N11101			<2	103.00
BFCA034	5		36.00	10	1	1	1	4	1	N11101	1.76		<2	6.98
BFCA035	5	8.5	47.00	10	2	2	2	4	2	N11101			<2	103.00
BFCA035	5	8.5	47.00	10	2	2	2	4	2	N11101	3.43		<2	5.66
BFCA036	5		55.00	10	1	1	2	4	1	N11101	2.01		<2	7.04
BFCA037	5		57.00	10	1	1	1	4	2	N11101	3.65		<2	6.16
BFCA038	5	8.9	50.00	10	2	2	2	4	2	N11101			<2	126.00
BFCA038	5	8.9	50.00	10	2	2	2	4	2	N11101	5.04		<2	5.37
BFCA039	5		42.00	09	1	1	3	4	2	N11101	3.51		<2	4.18
BFCA040	5		42.00	09	1	1	3	4	1	N11101	6.71		<2	5.12
BFCA041	5		32.00	10	1	1	2	4	1	N11101	2.09		<2	7.58
BFCA042	5		22.00	10	1	1	2	4	1	N11101	0.75		<2	5.11
BFCA043	5		40.00	10	1	1	3	4	1	N11101	3.26		<2	4.76
BFCA044	5		39.00	10	1	1	2	4	1	N11101	1.50		<2	6.09
BFCA045	5		37.00	10	1	1	2	4	1	N11101	1.51		<2	5.73
BFCA046	5		35.00	10	1	1	2	4	2	N11101	3.12		<2	4.50

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFBH036	20	386	2	4.82	68	21	39	35	7.04	<15	0.81	28	28	2.26	1330
BFBH037	23	887	2	2.59	76	7	11	28	2.96	<15	1.94	38	45	0.84	783
BFBH038	23	851	2	2.16	85	6	11	31	3.17	<15	1.78	42	32	0.65	799
BFBH039	21	766	3	1.67	84	<4	6	12	1.87	<15	2.14	45	31	0.42	637
BFBH040	31	596	2	3.26	105	11	20	15	4.48	<15	1.40	49	35	1.22	852
BFBH041	20	406	2	2.36	102	13	18	18	4.78	<15	1.46	50	70	1.28	922
BFBH042	23	720	1	3.19	54	11	45	20	4.01	<15	1.42	27	31	1.46	799
BFBH043	30	648	2	2.65	103	13	20	25	4.99	<15	1.58	49	55	1.48	1184
BFCA001	49	821	1	3.80	30	5	53	24	2.12	<15	1.51	15	33	0.36	257
BFCA002	63	715	1	1.96	45	10	67	35	3.29	<15	1.40	20	48	1.06	425
BFCA003	40	875	1	1.39	37	5	36	10	1.78	<15	1.53	16	23	0.52	255
BFCA004	35	857	1	0.91	31	5	32	13	1.66	<15	1.74	14	23	0.48	223
BFCA005	42	780	1	0.93	42	8	52	26	2.56	<15	1.68	20	33	0.76	375
BFCA006	56	799	1	1.81	35	10	67	33	3.21	<15	1.41	18	41	1.00	411
BFCA007	43	731	1	3.41	30	8	63	24	2.48	<15	1.28	16	29	1.12	381
BFCA008	65	666	1	4.43	25	6	70	25	2.30	<15	0.99	13	29	0.94	268
BFCA009	44	743	1	1.11	37	5	61	19	2.03	<15	1.56	18	26	0.67	286
BFCA010	53	846	1	5.00	31	7	72	36	2.34	<15	1.06	15	30	1.15	277
BFCA011	55	668	1	0.88	24	4	83	26	1.76	<15	1.17	15	27	0.35	201
BFCA012	52	572	1	1.17	44	7	77	39	2.29	<15	0.94	21	26	0.53	290
BFCA013	53	895	1	0.73	33	6	69	28	1.87	<15	1.53	19	27	0.38	281
BFCA014	60	812	1	2.62	37	7	99	33	2.54	<15	1.06	19	31	0.70	290
BFCA015	53	860	1	0.90	45	8	112	34	2.40	<15	0.93	22	31	0.53	302
BFCA016	93	884	1	5.31	39	5	96	35	2.12	<15	1.17	19	26	0.56	237
BFCA017	70	1075	1	2.85	35	5	92	33	2.17	<15	1.25	20	27	0.55	241
BFCA018	62	859	1	1.40	49	4	39	26	1.97	<15	1.71	26	29	0.64	218
BFCA019	58	959	1	1.65	39	<4	56	16	1.56	<15	1.44	19	18	0.42	189
BFCA020	55	738	1	0.89	38	6	79	34	2.29	<15	1.42	18	23	0.51	284
BFCA021	48	933	1	1.69	31	6	107	34	2.29	<15	1.21	17	28	0.56	255
BFCA022	97	1272	1	4.84	39	5	113	33	2.38	<15	1.04	21	24	0.56	236
BFCA023	66	942	1	2.21	31	5	104	36	2.01	<15	1.25	17	20	0.58	210
BFCA024	43	1024	1	2.17	27	4	29	17	1.44	<15	1.56	15	23	0.43	277
BFCA025	75	914	1	1.66	39	4	80	25	1.76	<15	1.42	21	21	0.50	217
BFCA026	84	741	1	2.19	31	6	78	33	2.05	<15	1.65	16	31	0.83	285
BFCA027	20	291	<1	0.65	19	<4	14	7	0.45	<15	0.36	8	5	0.13	86
BFCA028	41	759	1	1.38	39	6	50	23	1.71	<15	1.47	18	18	0.50	323
BFCA029	46	736	1	1.16	41	7	79	28	2.39	<15	1.44	21	23	0.63	331
BFCA030	58	766	1	4.21	42	7	73	26	2.28	16	1.13	20	26	0.91	317
BFCA031	56	761	1	1.02	36	6	72	27	1.92	<15	1.49	19	23	0.50	246
BFCA033	7053	68	<1	367.90	<30	<2	<4	20	125.00		2.30		374	409.80	16
BFCA034	46	600	1	1.11	55	9	63	27	3.02	<15	1.27	28	35	1.67	445
BFCA035	39837	89	<1	418.00	<30	6	<4	22	58.00		2.40		521	743.30	50
BFCA035	72	673	1	3.05	63	4	35	17	2.33	<15	1.39	27	46	1.42	511
BFCA036	44	624	1	0.91	52	8	36	19	2.19	<15	1.42	26	20	0.47	404
BFCA037	84	889	1	1.78	42	6	122	43	2.68	<15	1.38	22	29	0.73	277
BFCA038	24589	40	<1	317.60	<30	<2	<4	24	158.00		3.10		519	2783.00	793
BFCA038	60	568	1	3.00	41	6	64	24	2.16	<15	1.02	20	30	1.92	287
BFCA039	69	793	1	4.07	28	6	121	32	2.06	<15	0.85	14	30	0.66	227
BFCA040	55	672	1	4.29	28	6	128	32	2.13	<15	1.12	15	38	0.88	238
BFCA041	51	950	1	1.89	41	14	61	52	3.77	<15	1.38	16	64	1.12	560
BFCA042	23	280	<1	10.50	11	9	57	39	3.04	<15	0.51	5	28	0.95	362
BFCA043	81	553	1	5.80	29	6	113	28	2.26	<15	0.90	15	35	0.79	185
BFCA044	34	670	1	2.10	36	5	48	14	1.79	<15	1.47	18	21	0.61	280
BFCA045	22	766	1	1.73	35	5	45	13	1.35	<15	1.47	16	15	0.43	226
BFCA046	39	615	1	4.93	27	6	113	31	2.18	<15	0.76	14	26	0.70	227

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFBH036	<4	2.03	18	13	1803	<10	22	432	3	7359	199	30	112	20
BFBH037	<4	2.67	19	8	1296	109	8	475	15	3208	72	17	102	15
BFBH038	<4	2.71	24	5	607	17	7	443	28	4542	72	18	86	18
BFBH039	<4	3.26	21	5	462	21	5	432	13	4264	40	12	68	14
BFBH040	<4	2.05	24	12	1792	16	11	492	22	6796	117	23	110	25
BFBH041	<4	1.87	28	12	1397	14	10	314	29	6559	117	20	124	23
BFBH042	<4	2.02	19	11	725	<10	11	427	7	5774	113	17	100	20
BFBH043	<4	1.86	24	24	2002	24	12	395	14	6226	120	25	224	19
BFCA001	<4	1.31	6	34	1205	<10	6	261	6	2116	77	10	67	25
BFCA002	<4	1.23	9	38	856	22	11	201	9	2838	101	13	95	29
BFCA003	<4	1.31	6	21	713	15	6	190	6	1934	53	9	46	23
BFCA004	<4	1.35	6	18	344	17	5	186	2	1774	47	8	41	18
BFCA005	<4	1.34	7	36	440	18	7	197	11	2311	70	11	68	26
BFCA006	<4	1.27	7	40	650	14	10	205	10	2977	59	13	86	30
BFCA007	4	1.20	7	44	1005	12	8	261	3	2439	84	12	74	29
BFCA008	6	0.98	6	46	1165	14	7	314	3	2153	102	11	75	28
BFCA009	<4	1.50	6	40	978	11	6	217	5	2184	74	11	72	25
BFCA010	5	0.86	9	53	899	11	7	303	7	2129	83	10	80	29
BFCA011	13	0.89	6	44	1386	43	5	173	3	1902	95	11	93	22
BFCA012	15	0.96	9	57	973	24	7	238	33	2322	145	16	167	22
BFCA013	14	1.02	7	43	994	13	6	204	7	2303	84	12	88	28
BFCA014	8	0.82	7	56	1074	12	7	219	10	2301	85	13	111	29
BFCA015	12	0.74	7	64	856	17	8	275	11	2349	121	17	103	29
BFCA016	16	0.78	9	48	1999	12	6	316	10	1893	120	15	133	31
BFCA017	10	0.99	8	51	1351	15	6	314	8	2112	94	14	116	28
BFCA018	5	1.77	9	19	730	13	6	292	5	2485	62	13	71	26
BFCA019	6	1.42	9	30	948	14	5	288	6	1778	62	12	70	22
BFCA020	4	1.07	8	49	903	14	7	186	9	2614	82	11	104	33
BFCA021	9	0.87	6	70	1275	12	6	242	6	2156	57	13	119	27
BFCA022	16	0.77	9	53	2366	12	6	343	10	2041	134	18	149	33
BFCA023	8	0.97	7	63	1671	<10	6	257	9	2060	98	13	113	27
BFCA024	<4	1.74	6	17	994	<10	4	285	6	2422	45	12	57	21
BFCA025	9	1.34	8	47	1330	<10	5	285	6	1915	76	14	70	26
BFCA026	8	1.35	8	51	1266	10	6	288	5	2155	50	12	96	29
BFCA027	<4	0.35	4	8	193	<10	1	78	3	633	16	4	22	6
BFCA028	<4	1.41	8	33	660	17	5	249	5	2173	57	11	63	26
BFCA029	4	1.20	9	50	892	15	7	235	10	2387	80	13	87	30
BFCA030	4	1.09	9	44	1157	12	7	280	12	2385	87	13	86	30
BFCA031	6	1.45	8	42	825	12	6	266	4	2311	77	13	84	30
BFCA033	2700	4293.00	<4	4	<40		3	7151	<5	15	32	<1	60	<2
BFCA034	<4	1.26	10	40	479	13	9	254	8	3266	50	15	84	36
BFCA035	1790	5469.00	10	14	<40		3	8953	<5	13	7	1	62	9
BFCA035	6	1.65	14	22	575	10	4	605	15	3321	69	16	91	25
BFCA036	<4	1.81	9	27	523	12	6	294	4	2731	54	12	60	24
BFCA037	12	0.98	8	70	1747	<10	8	250	4	2524	134	17	150	37
BFCA038	4667	45200.00	<4	5	<40		5	9744	<5	19	<4	<1	137	<2
BFCA038	7	3.41	9	39	826	10	7	358	7	2188	73	13	81	28
BFCA039	14	0.43	5	79	1352	<10	6	245	10	1839	109	12	112	24
BFCA040	13	0.64	7	90	3573	<10	7	306	6	1999	149	16	123	35
BFCA041	<4	1.29	6	39	435	17	12	208	9	3215	114	15	95	31
BFCA042	<4	0.90	6	25	553	<10	12	179	2	2596	96	11	67	26
BFCA043	7	0.52	8	65	2484	<10	7	350	4	2114	117	14	99	28
BFCA044	5	1.45	8	25	981	11	5	278	6	2302	58	11	52	27
BFCA045	<4	1.35	6	24	728	12	4	260	13	1671	48	9	45	22
BFCA046	7	0.53	6	73	1192	<10	7	264	5	1919	110	12	97	27

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	CJND	ALK	SIZE	WIDE	S-DP	DDJR	CON1	CON2	CON3	FORM
BFA047	35.456	119.953	05	40980	17.0	930.00	6.90	4	5	3	2			8	QTRN
BFA048	35.472	119.971	05	40980	17.0	620.00	6.00	4	3	2	2			8	QTRN
BFA048	35.472	119.971	05	40980	17.0	620.00	6.00	4	3	2	2			8	QTRN
BFCB001	35.252	119.600	06	33180				4	1	1				5	QTRN
BFCB002	35.274	119.616	07	33180				4	1	1				5	QTRN
BFCB003	35.301	119.623	07	33180				4	1	1				5	QTRN
BFCB004	35.296	119.598	06	33180				3	1	1			1	5	QTRN
BFCB005	35.296	119.572	06	33180				4	1	1				5	QTRN
BFCB006	35.290	119.535	07	40180				4	1	1				5	QTRN
BFCB007	35.290	119.511	06	40180				3	1	1				5	QTRN
BFCB008	35.305	119.508	06	40180				4	1	1				5	QTRN
BFCB010	35.299	119.551	06	40180				3	1	1				5	QTRN
BFCB011	35.317	119.548	06	40180				4	1	1				5	QTRN
BFCB012	35.277	119.591	06	40180				4	1	1				5	QTRN
BFCB013	35.266	119.572	06	40180				3	1	1				5	QTRN
BFCB014	35.282	119.567	06	40180				4	1	1				5	QTRN
BFCB015	35.274	119.545	06	40180				3	1	1				5	QTRN
BFCB016	35.258	119.518	06	40180				3	1	1				5	QTRN
BFCB017	35.325	119.614	06	40180				4	1	1				5	QTRN
BFCB018	35.328	119.594	06	40180				4	1	1				5	QTRN
BFCB019	35.347	119.600	06	40180				3	1	1				5	QTRN
BFCB020	35.359	119.609	07	40180				3	1	1				5	QTRN
BFCB021	35.374	119.621	07	40180				4	1	1				2	QTRN
BFCB022	35.364	119.578	06	40180				4	1	1				2	QTRN
BFCB023	35.380	119.553	06	40180				3	1	1				5	QTRN
BFCB024	35.395	119.539	07	40180				4	1	1				2	QTRN
BFCB026	35.398	119.595	07	40180				4	1	1				2	QTRN
BFCB027	35.397	119.621	06	40180				4	1	1				2	QTRN
BFCB028	35.397	119.646	06	40180				4	1	1				2	QTRN
BFCB029	35.378	119.652	06	40180				4	1	1				2	QTRN
BFCB030	35.400	119.517	07	40280				4	1	1				7	QTRN
BFCB031	35.431	119.517	07	40280				4	1	1				7	QTRN
BFCB032	35.456	119.518	07	40280				4	1	1				7	QTRN
BFCB033	35.456	119.555	07	40180				4	1	1				7	QTRN
BFCB034	35.479	119.565	07	40280				4	1	1				7	QTRN
BFCB035	35.499	119.546	03	40280				4	1	1				7	QTRN
BFCB036	35.487	119.526	07	40280				4	1	1				7	QTRN
BFCB037	35.485	119.591	07	40280				4	1	1				7	QTRN
BFCB038	35.471	119.609	07	40280				4	1	1				7	QTRN
BFCB039	35.454	119.593	07	40280				4	1	1				7	QTRN
BFCB040	35.436	119.573	07	40280				4	1	1				7	QTRN
BFCB041	35.427	119.543	07	40280				4	1	1				7	QTRN
BFCB042	35.417	119.601	07	40280				4	1	1				2	QTRN
BFCB043	35.413	119.628	07	40280				4	1	1				7	QTRN
BFCB044	35.442	119.623	07	40280				4	1	1				7	QTRN
BFCB045	35.452	119.653	07	40280				4	1	1				7	QTRN
BFCB046	35.477	119.654	07	40280				4	1	1				7	QTRN
BFCB047	35.494	119.689	07	40280				4	1	1				7	QTRN
BFCB048	35.452	119.689	07	40280				4	1	1			5	7	QTRN
BFCB049	35.416	119.676	07	40280				4	1	1				5	QTRN
BFCB050	35.376	119.675	05	40380	17.0	10800.00	19.80	4	5	2	4			5	QTRN
BFCB050	35.376	119.675	05	40380	17.0	10800.00	19.80	4	5	2	4			5	QTRN
BFCB051	35.403	119.710	06	40380				4	1	1				8	QTRN
BFCB052	35.398	119.732	06	40380				4	1	1				5	QTRN
BFCB053	35.422	119.738	06	40380				4	1	1				8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFCA047	5	3.1	28.00	10	3	2	2	4	2	N11101			<2	347.00
BFCA048	5	3.0	25.00	10	2	2	2	4	2	N11101			<2	739.00
BFCA048	5	3.0	25.00	10	2	2	2	4	2	N11101	1.43		<2	7.15
BFCB001	15		61.00	10	1	1	2	4	1	N11101	3.00		<2	6.82
BFCB002	5		55.00	10	1	1	2	4	1	N11101	2.95		<2	6.54
BFCB003	5		52.00	10	1	1	2	4	1	N11101	2.07		<2	5.79
BFCB004	5		50.00	10	1	1	2	4	1	N11101	3.49		<2	6.39
BFCB005	5		52.00	10	1	1	2	4	2	N11101	2.92		<2	6.97
BFCB006	5		45.00	10	1	1	3	4	1	N11101	2.78		<2	7.26
BFCB007	5		51.00	10	1	1	2	4	1	N11101	3.11		<2	6.63
BFCB008	5		49.00	10	1	1	2	4	1	N11101	4.36		<2	6.71
BFCB010	5		45.00	10	1	1	2	4	1	N11101	2.44		<2	6.62
BFCB011	5		40.00	10	1	1	2	4	1	N11101	5.08		<2	6.99
BFCB012	5		42.00	10	1	1	2	4	1	N11101	2.53		<2	7.12
BFCB013	5		42.00	10	1	1	2	4	1	N11101	3.17		<2	6.67
BFCB014	5		50.00	10	1	1	2	4	1	N11101	3.72		<2	6.96
BFCB015	5		43.00	10	1	1	2	4	2	N11101	2.81		<2	6.92
BFCB016	5		40.00	10	1	1	2	4	1	N11101	3.45		<2	7.26
BFCB017	5		57.00	10	1	1	3	4	1	N11101	7.08		<2	6.26
BFCB018	5		42.00	10	1	1	2	4	1	N11101	3.51		<2	6.38
BFCB019	5		40.00	10	1	1	2	4	2	N11101	3.07		<2	6.53
BFCB020	5		40.00	10	1	1	2	4	1	N11101	3.06		<2	5.63
BFCB021	5		38.00	10	1	1	2	4	1	N11101	2.41		<2	6.19
BFCB022	5		34.00	10	1	1	2	4	1	N11101	2.26		<2	6.36
BFCB023	5		40.00	10	1	1	2	4	1	N11101	2.43		<2	6.87
BFCB024	5		40.00	10	1	1	1	4	2	N11101	2.86		<2	6.68
BFCB026	5		41.00	10	1	1	2	4	1	N11101	2.47		<2	6.46
BFCB027	5		38.00	10	1	1	1	4	1	N11101	3.00		<2	6.26
BFCB028	5		50.00	10	1	1	2	4	1	N11101	3.53		<2	5.57
BFCB029	5		36.00	10	1	1	1	4	1	N11101	2.68		<2	6.01
BFCB030	5		46.00	10	1	1	1	1	1	N11101	6.23		<2	7.48
BFCB031	5		38.00	10	1	1	1	1	1	N11101	4.30		<2	6.59
BFCB032	5		40.00	10	1	1	1	1	1	N11101	3.16		<2	7.29
BFCB033	5		40.00	10	1	1	1	1	1	N11101	6.66		<2	7.16
BFCB034	5		41.00	10	1	1	1	4	1	N11101	4.41		<2	6.79
BFCB035	5		39.00	10	1	1	1	1	1	N11101	2.42		<2	6.98
BFCB036	5		39.00	10	1	1	1	4	1	N11101	2.18		<2	6.78
BFCB037	5		40.00	10	1	1	1	1	1	N11101	6.40		<2	7.10
BFCB038	5		44.00	10	1	1	1	1	1	N11101	3.61		<2	6.87
BFCB039	5		42.00	10	1	1	1	1	1	N11101	4.04		<2	6.95
BFCB040	5		50.00	10	1	1	1	4	2	N11101	3.78		<2	6.60
BFCB041	5		46.00	10	1	1	1	4	2	N11101	9.55		<2	7.34
BFCB042	5		42.00	10	1	1	1	4	1	N11101	3.02		<2	6.55
BFCB043	5		40.00	10	1	1	1	4	1	N11101	3.18		<2	7.32
BFCB044	5		36.00	10	1	1	1	4	1	N11101	2.01		<2	6.03
BFCB045	5		35.00	10	1	1	1	1	1	N11101	2.22		<2	6.78
BFCB046	5		34.00	10	1	1	1	1	1	N11101	1.74		<2	6.16
BFCB047	5		32.00	10	1	1	1	4	1	N11101	1.88		<2	5.91
BFCB048	5		45.00	10	1	1	1	1	1	N11101	2.17		<2	6.61
BFCB049	5		35.00	10	1	1	1	4	1	N11101	2.60		<2	6.88
BFCB050	5	7.7	50.00	10	3	3	2	4	2	N11101			3	110.00
BFCB050	5	7.7	50.00	10	3	3	2	4	2	N11101	3.51		<2	5.29
BFCB051	5		40.00	10	1	1	2	4	1	N11101	2.62		<2	6.12
BFCB052	5		37.00	10	1	1	2	4	2	N11101	2.18		<2	5.26
BFCB053	5		44.00	10	1	1	2	4	1	N11101	3.61		<2	6.62

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFCA047	1096	67	<1	73.10	<30	<2	<4	12	287.00		0.90		43	73.00	33
BFCA048	610	79	<1	78.40	<30	<2	4	8	793.00		0.40		25	18.50	22
BFCA048	39	444	1	1.37	27	13	59	41	2.63	<15	0.96	11	45	0.98	528
BFCB001	34	716	1	2.09	57	9	63	25	2.61	<15	1.38	27	33	1.03	406
BFCB002	48	744	1	1.66	43	6	54	21	2.20	<15	1.53	22	29	0.84	336
BFCB003	43	862	1	1.75	38	7	52	25	2.09	<15	1.36	19	27	0.79	328
BFCB004	31	1098	1	2.75	59	<4	29	12	1.38	<15	1.70	26	23	0.55	292
BFCB005	30	696	1	3.53	54	9	57	24	2.73	<15	1.34	25	32	1.11	417
BFCB006	33	657	2	1.68	64	11	64	23	3.11	<15	1.41	30	31	1.18	544
BFCB007	30	885	1	3.23	39	6	40	17	1.07	<15	1.54	18	28	0.86	312
BFCB008	25	961	1	4.45	37	6	44	16	2.10	<15	1.38	20	25	0.80	374
BFCB010	17	764	1	2.74	48	5	33	12	1.64	<15	1.47	23	17	0.59	298
BFCB011	20	843	1	3.32	45	7	42	16	2.17	<15	1.32	21	24	0.81	373
BFCB012	31	727	1	1.49	57	9	60	22	2.74	<15	1.46	27	27	1.09	463
BFCB013	73	1176	1	2.43	44	5	42	21	1.87	<15	1.75	21	31	0.68	277
BFCB014	27	1211	1	1.78	45	8	64	22	2.57	<15	1.68	21	31	0.99	468
BFCB015	21	726	1	2.38	55	7	45	14	2.31	<15	1.43	28	21	0.83	414
BFCB016	17	2304	1	2.72	47	5	50	13	1.67	<15	1.68	25	22	0.75	337
BFCB017	34	831	1	2.67	39	4	39	16	1.70	<15	1.39	18	22	0.57	248
BFCB018	29	2554	1	2.61	36	5	50	18	1.91	17	1.53	20	25	0.71	303
BFCB019	24	1260	1	2.42	62	8	61	17	2.08	<15	1.33	28	23	0.84	493
BFCB020	53	1293	1	3.28	45	6	46	14	1.72	<15	1.30	21	21	0.64	277
BFCB021	34	789	1	1.14	49	9	77	27	2.69	<15	1.30	21	28	0.97	417
BFCB022	23	758	1	1.85	47	8	55	21	2.39	20	1.50	22	27	0.98	455
BFCB023	25	865	1	2.10	39	5	35	12	1.69	<15	1.62	20	20	0.61	320
BFCB024	28	883	1	2.16	36	4	33	11	1.47	<15	1.62	19	19	0.56	271
BFCB026	45	804	1	1.34	35	8	68	23	2.62	<15	1.46	18	29	1.01	468
BFCB027	37	834	1	2.05	40	8	77	30	2.68	<15	1.23	20	30	1.00	394
BFCB028	45	1002	1	3.03	32	5	62	22	1.90	<15	1.24	17	27	0.72	302
BFCB029	75	858	1	2.39	41	8	64	26	2.27	<15	1.40	19	37	1.11	366
BFCB030	34	659	2	2.23	60	9	43	25	2.92	<15	1.39	29	47	0.93	642
BFCB031	41	586	1	4.28	47	7	37	23	2.83	<15	1.20	23	56	1.31	548
BFCB032	26	678	2	4.40	49	4	18	8	1.56	<15	1.34	23	30	0.91	473
BFCB033	44	589	1	2.20	56	8	43	27	3.03	<15	1.11	30	46	0.85	310
BFCB034	23	578	1	3.38	45	8	39	25	2.76	<15	1.18	24	44	1.03	436
BFCB035	34	740	1	2.88	46	5	37	11	2.05	<15	1.43	23	25	0.91	471
BFCB036	59	753	1	3.44	54	5	38	12	2.07	<15	1.37	28	30	1.24	529
BFCB037	37	595	1	2.49	53	7	34	28	2.54	19	1.28	27	43	0.86	318
BFCB038	70	613	1	2.42	46	9	67	32	3.02	21	1.38	23	56	1.24	512
BFCB039	45	626	2	2.93	61	8	40	17	2.63	<15	1.20	31	33	0.91	470
BFCB040	78	673	1	3.34	52	8	49	21	2.47	<15	1.26	24	39	1.39	610
BFCB041	35	606	2	1.66	66	10	49	28	2.67	<15	1.11	32	50	0.74	388
BFCB042	39	833	1	2.05	39	8	71	27	2.69	<15	1.40	20	32	1.03	429
BFCB043	32	837	1	2.09	41	9	73	32	3.04	<15	1.69	20	47	1.06	441
BFCB044	38	1331	1	1.51	35	6	58	23	2.16	<15	1.79	17	31	0.64	329
BFCB045	26	798	1	1.43	38	8	69	25	2.57	<15	1.71	19	33	0.89	390
BFCB046	26	814	1	1.73	25	5	43	13	1.77	<15	1.84	12	24	0.55	229
BFCB047	29	715	1	1.47	29	5	47	16	1.94	<15	1.53	15	23	0.64	251
BFCB048	32	751	1	2.20	43	7	65	24	2.53	<15	1.60	20	33	0.89	335
BFCB049	45	874	1	2.21	41	8	79	30	2.98	<15	1.53	20	45	0.90	392
BFCB050	23830	341	<1	76.30	<30	2	<4	37	127.00		20.90		917	78.10	256
BFCB050	43	1157	1	3.80	40	6	68	27	2.07	<15	1.18	20	25	0.82	320
BFCB051	58	1142	1	2.63	38	8	63	25	2.49	<15	1.45	18	42	0.70	332
BFCB052	70	1286	1	2.95	32	5	48	17	1.86	<15	1.46	14	30	0.54	253
BFCB053	67	1165	1	2.99	44	6	62	20	2.20	<15	1.78	21	38	0.78	296

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFCA047	<4	626.70	<4	<4	47		1	703	<5	9	<4	<1	20	<2
BFCA048	<4	82.50	<4	<4	<40		<1	511	<5	4	10	1	17	<2
BFCA048	<4	1.36	4	32	505	<10	15	153	3	3173	121	13	73	48
BFCB001	<4	1.24	11	41	721	21	9	255	13	2874	87	14	83	32
BFCB002	<4	1.49	9	40	856	14	7	259	6	2460	74	13	69	28
BFCB003	4	1.52	3	52	731	87	6	358	4	2396	78	12	113	26
BFCB004	6	2.00	13	22	807	<10	4	448	6	2814	47	15	38	18
BFCB005	<4	1.48	12	42	906	<10	8	315	11	3055	88	14	69	32
BFCB006	<4	1.55	12	43	670	17	9	280	10	3349	92	16	98	34
BFCB007	<4	1.79	8	28	731	10	6	355	3	2102	75	11	50	19
BFCB008	<4	1.73	8	35	714	11	6	403	6	2585	77	12	52	24
BFCB010	<4	1.82	10	19	733	16	5	337	6	2437	51	13	38	19
BFCB011	<4	1.82	12	25	682	12	7	422	3	2775	88	13	50	25
BFCB012	<4	1.45	10	41	825	21	8	276	11	2998	78	14	73	31
BFCB013	<4	2.04	9	25	754	<10	5	404	10	2289	61	12	57	25
BFCB014	<4	1.53	9	35	1016	19	8	265	4	2639	75	13	77	27
BFCB015	<4	1.68	12	30	758	10	7	317	6	3114	72	15	51	25
BFCB016	<4	2.05	11	23	877	12	5	357	<2	2750	59	14	49	20
BFCB017	<4	1.55	8	25	648	10	5	336	6	2150	66	11	50	25
BFCB018	4	1.52	10	27	1468	30	5	307	11	1866	55	12	61	27
BFCB019	<4	1.58	15	29	835	21	8	320	13	3625	86	17	60	32
BFCB020	8	1.63	12	30	794	16	5	697	7	2518	71	13	56	23
BFCB021	11	1.15	9	57	844	10	8	286	9	2665	103	14	88	33
BFCB022	<4	1.60	10	36	832	<10	7	299	7	2588	74	13	66	28
BFCB023	4	1.92	9	24	668	<10	5	354	10	2480	54	12	44	23
BFCB024	<4	1.89	7	23	698	19	5	362	2	2212	51	11	41	22
BFCB026	5	1.53	6	50	873	<10	8	289	7	2710	88	13	76	31
BFCB027	11	1.21	8	57	981	18	8	314	7	2693	111	13	91	31
BFCB028	13	1.38	9	45	753	<10	6	429	3	2482	54	11	75	25
BFCB029	10	1.44	10	48	888	24	7	368	8	2331	58	12	95	25
BFCB030	5	1.62	12	26	894	21	9	326	14	3076	87	15	82	24
BFCB031	<4	1.40	9	21	1132	24	7	443	13	2579	76	11	100	18
BFCB032	<4	2.05	10	7	884	14	6	573	6	2608	46	14	34	16
BFCB033	<4	1.33	11	23	673	14	9	304	12	3025	89	14	69	21
BFCB034	<4	1.52	10	23	908	<10	8	371	5	2863	73	13	80	20
BFCB035	4	2.36	10	20	1252	20	7	417	9	2734	58	13	49	25
BFCB036	<4	1.86	13	21	1259	<10	7	534	4	2933	64	15	49	23
BFCB037	<4	1.69	10	19	691	14	8	361	19	2881	71	13	66	20
BFCB038	<4	1.19	9	41	1197	15	9	298	9	2722	92	13	98	25
BFCB039	<4	1.54	13	23	800	21	8	357	14	3045	81	15	63	23
BFCB040	7	1.56	10	31	1065	13	8	403	16	2725	79	13	71	23
BFCB041	<4	1.34	11	29	606	19	9	277	16	3069	98	15	76	24
BFCB042	8	1.68	7	51	1057	<10	8	308	7	2046	103	13	88	30
BFCB043	5	1.34	9	48	911	20	9	243	9	2928	104	13	95	29
BFCB044	<4	1.29	9	29	643	14	6	211	3	2471	73	10	61	26
BFCB045	4	1.41	7	45	817	14	8	219	7	2563	89	12	78	26
BFCB046	<4	1.60	4	26	858	10	5	245	5	1715	56	9	121	19
BFCB047	<4	1.35	7	27	759	11	6	214	4	1988	64	9	76	24
BFCB048	<4	1.37	9	41	799	15	8	234	9	2532	87	12	78	27
BFCB049	6	1.17	9	50	1001	18	9	251	7	2767	107	13	92	26
BFCB050	31	2045.00	8	7	<40		2	3252	<5	6	4	1	491	3
BFCB050	21	1.19	8	60	1031	15	6	529	11	2369	124	13	101	26
BFCB051	4	1.16	8	40	912	10	7	466	9	2374	89	11	78	24
BFCB052	<4	1.25	7	28	792	<10	5	1083	6	1847	66	9	57	19
BFCB053	5	2.54	10	38	1511	21	6	368	11	2567	83	12	70	35

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	ODCR	CON1	CON2	CON3	FORM
BFCB054	35.466	119.714	06	40380				4	1	1				5	QTRN
BFCB055	35.485	119.728	07	40380				4	1	1				7	QTRN
BFCB057	35.470	119.741	07	40380				4	1	1				5	QTRN
BFCB058	35.422	119.694	07	40380				4	1	1				5	QTRN
BFCB059	35.395	119.687	07	40380				4	1	1				5	QTRN
BFCB060	35.362	119.717	07	40380				4	1	1				8	QTRN
BFCB061	35.347	119.735	06	40380				4	1	1				2	QTRN
BFCB062	35.342	119.693	06	40380				4	1	1				2	QTRN
BFCB063	35.341	119.670	06	40380				4	1	1				5	QTRN
BFCB064	35.317	119.652	06	40380				4	1	1				5	QTRN
BFCB065	35.315	119.694	05	40380	17.0	20780.00	12.80	4	5	3	4			5	QTRN
BFCB065	35.315	119.694	05	40380	17.0	20780.00	12.80	4	5	3	4			5	QTRN
BFCB066	35.317	119.727	07	40380				4	1	1				5	QTRN
BFCB067	35.323	119.743	06	40380				3	1	1				5	QTRN
BFCB068	35.289	119.672	06	40380				4	1	1				5	QTRN
BFCB069	35.288	119.639	06	40380				3	1	1				5	QTRN
BFCB070	35.336	119.628	06	40480				3	1	1				5	QTRN
BFCB071	35.356	119.639	06	40480				3	1	1				5	QTRN
BFCB072	35.263	119.636	06	40480				4	1	1				8	QTRN
BFCB073	35.273	119.660	06	40480				4	1	1				8	QTRN
BFCB074	35.274	119.683	06	40480				4	1	1				8	QTRN
BFCB075	35.296	119.688	06	40480				4	1	1			5	8	QTRN
BFCB076	35.299	119.711	06	40480				4	1	1				5	QTRN
BFCB077	35.306	119.738	06	40480				4	1	1				7	QTRN
BFCC001	35.406	119.251	07	31780				3	1	1			9	7	QTRN
BFCC002	35.428	119.251	07	31780				3	1	1			9	7	QTRN
BFCC003	35.463	119.260	07	31780				3	1	1			9	7	QTRN
BFCC004	35.485	119.259	07	31880				3	1	1			9	7	QTRN
BFCC005	35.486	119.277	07	31880				3	1	1				7	QTRN
BFCC006	35.485	119.312	07	31880				3	1	1				7	QTRN
BFCC007	35.492	119.349	07	31880				3	1	1				7	QTRN
BFCC008	35.457	119.349	07	31880				3	1	1				7	QTRN
BFCC009	35.456	119.313	07	31880				3	1	1				7	QTRN
BFCC010	35.463	119.296	07	31880				3	1	1				7	QTRN
BFCC011	35.428	119.287	07	31880				3	1	1				7	QTRN
BFCC012	35.428	119.323	07	31880				3	1	1				7	QTRN
BFCC013	35.428	119.358	07	31880				3	1	1				7	QTRN
BFCC014	35.399	119.322	07	31880				3	1	1				7	QTRN
BFCC015	35.399	119.358	07	31880				3	1	1				7	QTRN
BFCC016	35.398	119.287	07	31880				3	1	1				7	QTRN
BFCC017	35.399	119.382	07	31980				3	1	1				7	QTRN
BFCC018	35.399	119.411	07	31980				3	1	1			6	7	QTRN
BFCC019	35.399	119.446	07	31980				3	1	1			3	7	QTRN
BFCC020	35.399	119.474	07	31980				3	1	1				7	QTRN
BFCC021	35.427	119.472	07	31980				3	1	1				7	QTRN
BFCC022	35.457	119.473	07	31980				3	1	1			6	7	QTRN
BFCC023	35.485	119.473	07	31980				3	1	1				7	QTRN
BFCC024	35.486	119.447	07	31980				3	1	1				7	QTRN
BFCC025	35.486	119.403	07	31980				3	1	1				7	QTRN
BFCC026	35.486	119.385	07	31980				3	1	1				7	QTRN
BFCC027	35.465	119.385	07	31980				3	1	1				7	QTRN
BFCC028	35.458	119.439	07	31980				3	1	1				7	QTRN
BFCC029	35.457	119.420	07	31980				3	1	1				7	QTRN
BFCC030	35.424	119.411	07	31980				3	1	1				7	QTRN
BFCC031	35.436	119.446	07	31980				3	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFCB054	5		39.00	10	1	1	1	4	1	N11101	1.51		<2	6.84
BFCB055	5		40.00	10	1	1	1	1	1	N11101	2.60		<2	6.73
BFCB057	5		30.00	10	1	1	2	4	1	N11101	2.34		<2	6.49
BFCB058	5		47.00	10	1	1	1	4	1	N11101	2.57		<2	6.85
BFCB059	5		48.00	10	1	1	1	4	1	N11101	2.42		<2	7.22
BFCB060	5		40.00	10	1	1	3	4	1	N11101	2.28		<2	6.24
BFCB061	5		36.00	10	1	1	3	4	1	N11101	8.58		<2	3.73
BFCB062	5		41.00	10	1	1	2	4	2	N11101	3.79		<2	5.52
BFCB063	5		34.00	10	1	1	2	4	1	N11101	2.51		<2	6.62
BFCB064	5		40.00	10	1	1	2	4	1	N11101	6.58		<2	4.59
BFCB065	5	7.6	30.00	10	2	2	2	4	2	N11101			<2	43.00
BFCB065	5	7.6	30.00	10	2	2	2	4	2	N11101	1.40		<2	4.70
BFCB066	5		29.00	10	1	1	2	4	1	N11101	2.72		<2	5.43
BFCB067	5		33.00	10	1	1	2	4	1	N11101	2.30		<2	5.18
BFCB068	5		45.00	10	1	1	2	4	1	N11101	3.47		<2	5.58
BFCB069	5		49.00	10	1	1	2	4	1	N11101	4.60		<2	5.17
BFCB070	5		54.00	10	1	1	2	4	1	N11101	4.46		<2	6.76
BFCB071	5		38.00	10	1	1	2	4	1	N11101	6.08		<2	4.39
BFCB072	5		40.00	10	1	1	2	4	1	N11101	2.13		<2	5.05
BFCB073	5		38.00	10	1	1	3	4	1	N11101	2.76		<2	5.48
BFCB074	5		39.00	10	1	1	3	4	1	N11101	2.11		<2	4.82
BFCB075	5		37.00	10	1	1	2	4	1	N11101	2.85		<2	5.59
BFCB076	5		30.00	10	1	1	2	4	1	N11101	2.68		<2	6.63
BFCB077	5		32.00	10	1	1	3	4	1	N11101	2.53		<2	5.28
BFCC001	10		30.00	10	1	1	1	4	2	N11101	3.26		<2	8.70
BFCC002	10		28.00	10	1	1	1	4	2	N11101	3.80		<2	7.89
BFCC003	10		25.00	10	1	1	1	4	2	N11101	3.31		<2	3.38
BFCC004	10		20.00	10	1	1	1	4	2	N11101	2.56		<2	9.00
BFCC005	10		20.00	10	1	1	1	4	2	N11101	1.78		<2	8.45
BFCC006	10		25.00	10	1	1	1	4	2	N11101	2.94		<2	8.69
BFCC007	10		30.00	10	1	1	1	4	2	N11101	3.25		<2	9.96
BFCC008	10		25.00	10	1	1	1	4	2	N11101	2.56		<2	8.50
BFCC009	10		25.00	10	1	1	1	4	2	N11101	2.24		<2	8.11
BFCC010	10		25.00	10	1	1	1	4	2	N11101	2.97		<2	8.37
BFCC011	10		30.00	10	1	1	1	4	2	N11101	3.79		<2	7.93
BFCC012	10		20.00	10	1	1	1	4	2	N11101	3.32		<2	8.19
BFCC013	10		30.00	10	1	1	1	4	2	N11101	5.34		<2	7.49
BFCC014	10		25.00	10	1	1	1	4	2	N11101	8.34		<2	6.50
BFCC015	10		30.00	10	1	1	1	4	2	N11101	5.48		<2	8.87
BFCC016	10		20.00	10	1	1	1	4	2	N11101	3.38		<2	8.02
BFCC017	10		30.00	10	1	1	1	4	2	N11101	1.52		<2	7.75
BFCC018	10		25.00	10	1	1	1	4	2	N11101	5.81		<2	7.10
BFCC019	10		20.00	10	1	1	1	4	2	N11101	4.62		<2	6.85
BFCC020	10		25.00	10	1	1	1	4	2	N11101	26.91		<2	7.57
BFCC021	10		20.00	10	1	1	1	4	2	N11101	2.62		<2	7.04
BFCC022	10		20.00	10	1	1	1	4	2	N11101	2.69		<2	7.76
BFCC023	10		25.00	10	1	1	1	4	2	N11101	3.24		<2	7.72
BFCC024	10		30.00	10	1	1	1	4	2	N11101	8.77	2.00	<2	7.53
BFCC025	10		30.00	10	1	1	1	4	2	N11101	2.51		<2	7.96
BFCC026	10		25.00	10	1	1	1	4	2	N11101	2.17		<2	7.55
BFCC027	10		30.00	10	1	1	1	4	2	N11101	2.26		<2	8.14
BFCC028	10		25.00	10	1	1	1	4	2	N11101	5.46		<2	8.75
BFCC029	10		35.00	10	1	1	1	4	2	N11101	7.36		<2	7.84
BFCC030	10		20.00	10	1	1	1	4	2	N11101	3.82		<2	6.86
BFCC031	10		25.00	10	1	1	1	4	2	N11101	2.52		<2	7.26

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFCB054	53	889	1	1.83	25	5	44	17	1.98	<15	2.02	14	42	0.69	235
BFCB055	30	784	1	1.75	33	7	60	22	2.39	<15	1.74	17	31	0.84	332
BFCB057	23	4733	1	1.84	35	6	36	8	1.65	<15	1.42	17	19	0.61	325
BFCB058	49	877	1	1.75	41	7	72	27	2.70	<15	1.59	21	38	0.83	363
BFCB059	57	837	1	2.09	42	9	73	33	3.16	<15	1.52	20	52	1.02	389
BFCB060	24	854	1	3.40	46	10	78	32	2.58	<15	1.23	20	32	1.31	378
BFCB061	34	676	1	7.28	28	6	86	33	1.89	<15	0.83	13	35	1.69	269
BFCB062	42	1075	1	2.96	40	8	86	35	2.58	<15	1.17	15	28	1.07	401
BFCB063	21	709	1	2.31	37	10	87	34	3.27	<15	1.10	15	32	1.31	390
BFCB064	72	1312	1	3.31	33	6	71	37	2.05	<15	1.07	17	27	0.69	247
BFCB065	99999	9966	<1	337.90	<30	2	<4	32	484.00		27.20		1779	59.30	252
BFCB065	501	789	1	2.96	31	6	70	25	1.96	<15	1.14	16	35	0.59	268
BFCB066	38	742	1	1.09	34	7	77	31	2.15	<15	1.27	17	25	0.44	311
BFCB067	31	709	1	1.53	33	7	76	22	2.21	<15	1.20	17	20	0.42	317
BFCB068	42	798	1	2.63	37	6	68	21	1.99	<15	1.22	15	20	0.59	245
BFCB069	45	1081	1	2.91	37	5	54	18	1.56	<15	1.30	17	22	0.85	211
BFCB070	26	810	1	2.53	89	6	42	13	2.86	<15	1.52	40	19	0.78	592
BFCB071	121	1157	1	1.61	25	5	61	28	1.76	<15	1.28	13	27	0.54	188
BFCB072	17	646	1	6.92	36	5	41	17	1.62	<15	1.17	16	27	0.94	206
BFCB073	49	814	1	2.43	36	6	70	21	2.11	<15	1.13	17	20	0.69	285
BFCB074	41	626	1	6.85	36	6	66	24	2.11	<15	0.97	18	22	0.92	271
BFCB075	45	782	1	1.08	31	5	73	26	2.02	<15	1.37	16	24	0.49	281
BFCB076	26	793	1	1.32	37	8	69	25	2.29	<15	1.53	18	27	0.55	376
BFCB077	29	761	1	0.89	34	7	81	30	2.09	<15	1.28	16	27	0.43	292
BFCC001	31	728	2	2.91	71	9	36	15	3.14	<15	1.55	22	26	1.10	617
BFCC002	47	652	1	4.28	59	11	41	27	3.42	<15	1.47	27	34	1.41	646
BFCC003	56	742	2	3.01	53	11	45	20	3.61	<15	1.56	26	33	1.29	728
BFCC004	30	640	1	2.96	50	11	44	18	3.55	<15	1.63	22	27	1.26	704
BFCC005	22	607	1	2.78	37	8	32	11	2.79	<15	1.36	17	18	1.00	577
BFCC006	26	655	1	2.31	54	10	37	17	3.26	<15	1.48	25	27	1.08	610
BFCC007	20	664	1	2.59	52	11	45	22	3.73	<15	1.70	25	40	1.27	672
BFCC008	32	676	2	2.62	62	11	45	18	3.39	<15	1.57	29	29	1.14	740
BFCC009	47	643	2	2.82	54	10	50	21	3.44	<15	1.59	26	35	1.30	700
BFCC010	46	649	1	3.04	54	11	47	22	3.49	<15	1.59	25	36	1.29	695
BFCC011	81	649	1	3.05	60	10	42	19	3.10	<15	1.56	25	30	1.23	658
BFCC012	48	682	2	3.25	61	9	41	15	3.12	<15	1.55	25	31	1.21	646
BFCC013	89	622	2	3.36	61	9	36	16	3.41	<15	1.48	30	33	1.22	674
BFCC014	112	604	1	3.69	50	7	38	18	2.60	<15	1.36	25	38	1.31	525
BFCC015	20	710	2	2.68	59	11	30	21	3.72	<15	1.56	30	43	1.25	748
BFCC016	41	683	2	2.79	68	9	33	17	2.92	<15	1.55	32	30	1.09	562
BFCC017	27	967	2	2.87	56	5	27	8	2.01	<15	1.52	26	14	0.71	466
BFCC018	124	584	1	3.58	49	8	49	16	3.44	<15	1.49	25	38	1.35	744
BFCC019	47	926	1	2.18	33	<4	28	26	2.00	<15	1.66	18	18	0.49	349
BFCC020	29	620	1	1.54	64	8	38	31	2.92	<15	1.17	33	69	0.73	379
BFCC021	52	652	1	3.73	59	7	34	19	2.90	<15	1.46	31	24	1.11	579
BFCC022	81	699	1	2.91	54	9	46	16	3.17	<15	1.50	26	31	1.21	667
BFCC023	72	773	1	2.98	52	9	43	37	3.00	<15	1.61	24	35	1.21	620
BFCC024	31	612	1	2.23	59	11	46	23	3.63	<15	1.39	27	47	1.25	572
BFCC025	70	701	1	2.97	52	10	45	17	2.35	<15	1.52	26	31	1.28	689
BFCC026	68	687	1	2.71	49	9	44	16	3.14	<15	1.39	24	30	1.22	714
BFCC027	36	691	1	2.57	49	8	43	16	3.27	<15	1.56	24	33	1.21	686
BFCC028	18	695	1	2.32	55	10	28	18	3.55	<15	1.55	28	48	1.17	623
BFCC029	34	621	1	2.22	57	10	35	20	3.39	<15	1.54	26	47	1.11	567
BFCC030	66	627	1	4.50	60	10	36	20	2.83	<15	1.30	27	39	1.27	581
BFCC031	65	671	1	2.31	61	6	32	12	2.79	<15	1.47	28	21	0.88	549

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	CA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFCB054	<4	2.03	6	28	835	13	5	306	5	1962	69	9	60	20
BFCB055	<4	1.49	7	38	1010	<10	7	240	10	2373	80	11	91	28
BFCB057	<4	1.78	6	25	637	<10	7	289	7	2302	53	14	43	20
BFCB058	4	1.32	3	43	937	26	8	235	11	2685	97	13	89	28
BFCB059	<4	1.14	3	48	876	16	10	247	6	2902	107	12	95	28
BFCB060	5	1.12	9	59	1009	26	9	290	7	2703	106	12	87	34
BFCB061	16	0.51	7	62	2609	<10	5	441	6	1632	134	10	101	22
BFCB062	23	0.93	3	75	1110	15	8	344	11	2451	152	14	120	30
BFCB063	7	0.95	3	72	483	12	10	278	8	2849	118	12	97	35
BFCB064	40	0.93	7	64	981	<10	6	553	8	1872	132	14	113	26
BFCB065	13	4129.00	<4	8	45		3	45622	<5	12	<4	<1	131	<2
BFCB065	13	2.63	3	47	661	16	6	639	6	2292	51	10	79	27
BFCB066	11	1.08	7	59	621	13	6	232	4	2391	98	11	83	26
BFCB067	14	1.03	7	57	618	<10	6	230	3	2592	106	11	78	28
BFCB068	7	1.14	7	45	864	<10	6	256	9	2196	82	12	70	31
BFCB069	14	1.26	3	37	738	19	5	376	12	1908	72	10	61	24
BFCB070	<4	1.99	24	23	733	15	9	342	7	5920	76	26	55	32
BFCB071	35	1.39	5	61	833	<10	5	401	3	1557	126	10	91	21
BFCB072	<4	1.07	10	28	753	<10	5	320	7	1938	73	10	52	23
BFCB073	9	1.12	7	45	1040	<10	6	260	11	2244	86	12	72	26
BFCB074	4	0.83	10	51	1032	<10	7	244	12	2033	80	12	71	29
BFCB075	14	1.15	8	50	682	<10	6	232	6	2236	93	11	76	28
BFCB076	16	1.61	8	50	483	<10	6	272	<2	2873	117	11	79	34
BFCB077	15	1.00	9	59	700	11	6	231	8	2348	108	10	88	27
BFCC001	<4	2.15	15	15	1080	34	10	420	13	3670	86	12	74	23
BFCC002	<4	2.02	11	26	1359	12	11	447	15	3489	106	17	85	25
BFCC003	<4	1.95	11	23	1028	27	12	374	12	3818	96	15	88	27
BFCC004	<4	2.23	10	25	824	47	14	330	9	3987	96	21	97	25
BFCC005	<4	2.25	9	12	421	46	13	319	6	3115	78	20	66	20
BFCC006	<4	1.86	11	15	588	38	12	300	12	3659	84	21	83	25
BFCC007	<4	1.89	11	21	884	14	12	329	10	3635	94	19	117	21
BFCC008	<4	2.03	12	25	825	15	11	361	8	2638	51	12	83	26
BFCC009	<4	1.97	11	30	1122	10	11	379	6	3553	95	18	87	26
BFCC010	5	2.06	11	24	1133	16	11	387	7	3762	94	18	97	25
BFCC011	6	2.30	12	27	1136	22	11	422	11	3422	95	18	82	24
BFCC012	<4	2.13	13	20	1210	20	10	425	7	3954	87	15	91	24
BFCC013	<4	2.52	14	17	1006	14	11	449	11	4093	100	18	79	23
BFCC014	7	2.83	11	20	1254	18	9	452	11	3061	90	15	70	23
BFCC015	<4	2.08	13	15	974	30	11	402	18	4214	95	17	96	19
BFCC016	<4	2.14	12	14	927	37	10	406	13	3527	81	17	82	20
BFCC017	<4	2.30	12	10	802	23	7	445	12	2964	68	16	43	13
BFCC018	<4	2.43	10	37	1597	<10	9	336	9	3272	78	16	95	27
BFCC019	<4	2.27	8	15	958	351	5	347	<2	2662	47	13	240	14
BFCC020	<4	1.45	9	26	661	<10	9	258	18	3185	100	16	86	20
BFCC021	<4	2.01	11	27	1465	<10	8	401	15	3214	70	16	64	23
BFCC022	<4	2.04	12	31	1166	<10	9	362	12	3566	79	17	74	25
BFCC023	<4	2.26	10	32	1467	<10	9	398	13	3320	104	16	116	24
BFCC024	<4	1.55	9	32	1020	<10	10	274	15	3466	98	15	99	23
BFCC025	<4	2.09	9	30	1138	<10	10	373	13	3634	79	17	81	26
BFCC026	<4	1.81	9	31	1087	<10	9	362	9	3423	73	16	91	26
BFCC027	<4	2.16	9	31	1055	<10	10	366	4	3748	76	18	89	25
BFCC028	<4	2.24	10	18	943	<10	9	363	19	3776	84	15	96	16
BFCC029	<4	1.98	10	25	798	<10	9	304	15	3442	86	15	92	20
BFCC030	<4	2.20	10	30	1561	<10	9	409	19	3171	142	15	78	24
BFCC031	<4	2.03	11	22	823	<10	8	346	15	3077	65	16	63	23

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	ODOR	CON1	CON2	CON3	FORM
BFCC032	35.270	119.466	07	32280				3	1	1				9	QTRN
BFCC033	35.354	119.367	07	32180				3	1	1			3	7	QTRN
BFCC034	35.354	119.331	07	32180				3	1	1				7	QTRN
BFCC035	35.355	119.304	07	32180				3	1	1				7	QTRN
BFCC036	35.355	119.269	07	32180				3	1	1				7	QTRN
BFCC037	35.325	119.269	07	32180				3	1	1				7	QTRN
BFCC038	35.289	119.270	07	32180				3	1	1				7	QTRN
BFCC039	35.267	119.273	07	32180				3	1	1				7	QTRN
BFCC040	35.268	119.302	07	32180				3	1	1				7	QTRN
BFCC041	35.290	119.303	07	32180				3	1	1			9	7	QTRN
BFCC042	35.294	119.345	07	32180				3	1	1				9	QTRN
BFCC043	35.307	119.369	07	32180				3	1	1			9	7	QTRN
BFCC044	35.334	119.366	07	32180				3	1	1				7	QTRN
BFCC045	35.326	119.340	07	32180				3	1	1				7	QTRN
BFCC046			07	32180				3	1	1				7	QTRN
BFCC047	35.327	119.384	07	32280				3	1	1				7	QTRN
BFCC048	35.330	119.403	07	32280				3	1	1				7	QTRN
BFCC049	35.354	119.385	07	32280				3	1	1				7	QTRN
BFCC052	35.356	119.473	07	32280				3	1	1				7	QTRN
BFCC053	35.331	119.461	07	32280				3	1	1				6	QTRN
BFCC054	35.311	119.467	07	32280				3	1	1				6	QTRN
BFCC055	35.294	119.464	07	32280				3	1	1				9	QTRN
BFCC056	35.281	119.466	07	32280				3	1	1				9	QTRN
BFCD001	35.436	119.010	07	32180				3	1	1				9	QTRN
BFCD002	35.460	119.026	06	32180				3	1	1				9	QTRN
BFCD003	35.486	119.005	06	32180				3	1	1				9	QTRN
BFCD004	35.484	119.026	06	32180				4	1	1				9	QTRN
BFCD005	35.499	119.029	06	32180				4	1	1				9	QTRN
BFCD006	35.486	119.059	07	32180				4	1	1				9	QTRN
BFCD007	35.460	119.048	06	32180				3	1	1				9	QTRN
BFCD008	35.492	119.074	06	32180				3	1	1				9	QTRN
BFCD009	35.499	119.098	07	32180				3	1	1			8	9	QTRN
BFCD010	35.471	119.091	07	32180				4	1	1				1	QTRN
BFCD011	35.471	119.108	07	32180				4	1	1				1	QTRN
BFCD012	35.485	119.107	07	32180				4	1	1				1	QTRN
BFCD013	35.448	119.075	07	32180				4	1	1				1	QTRN
BFCD014	35.429	119.039	07	32180				3	1	1				1	QTRN
BFCD015	35.441	119.060	07	32180				3	1	1				1	QTRN
BFCD016	35.499	119.125	07	32280				4	1	1				1	QTRN
BFCD017	35.500	119.156	07	32280				3	1	1				2	QTRN
BFCD018	35.484	119.170	07	32280				3	1	1				1	QTRN
BFCD019	35.500	119.209	07	32280				4	1	1				1	QTRN
BFCD020	35.485	119.242	07	32280				4	1	1				1	QTRN
BFCD021	35.468	119.231	07	32280				3	1	1				1	QTRN
BFCD022	35.453	119.213	07	32280				3	1	1				1	QTRN
BFCD023	35.438	119.195	07	32280				4	1	1				1	QTRN
BFCD024	35.427	119.135	07	32280				3	1	1				1	QTRN
BFCD025	35.458	119.190	07	32280				3	1	1				1	QTRN
BFCD026	35.449	119.153	07	32280				3	1	1				1	QTRN
BFCD027			07	32280				3	1	1				1	QTRN
BFCD028	35.419	119.167	07	32280				3	1	1				1	QTRN
BFCD029	35.420	119.203	07	32280				3	1	1				1	QTRN
BFCD030	35.420	119.243	07	32280				3	1	1				1	QTRN
BFCD031	35.399	119.223	07	32280				3	1	1				1	QTRN
BFCD032	35.394	119.245	07	32280				3	1	1				1	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-IIT	AG	AL
BFCC032	10		40.00	10	1	1	1	3	2	N11101	2.93		<2	7.39
BFCC033	10		40.00	10	1	1	1	4	2	N11101	7.85		<2	7.59
BFCC034	10		35.00	10	1	1	1	4	2	N11101	2.51		<2	7.40
BFCC035	10		45.00	10	1	1	1	4	2	N11101	5.12		<2	8.11
BFCC036	10		50.00	10	1	1	1	4	2	N11101	4.55		<2	8.52
BFCC037	10		50.00	10	1	1	1	4	2	N11101	5.35		<2	8.41
BFCC038	10		55.00	10	1	1	1	4	2	N11101	8.93		<2	8.38
BFCC039	10		45.00	10	1	1	1	4	2	N11101	9.14		<2	8.53
BFCC040	10		35.00	10	1	1	1	4	2	N11101	4.54		<2	7.74
BFCC041	10		40.00	10	1	1	1	4	2	N11101	2.42		<2	6.67
BFCC042	10		30.00	10	1	1	1	4	2	N11101	7.07		<2	7.88
BFCC043	10		30.00	10	1	1	1	4	2	N11101	1.99		<2	7.46
BFCC044	10		45.00	10	1	1	1	3	2	N11101	11.25		<2	8.35
BFCC045	10		40.00	10	1	1	1	4	2	N11101	7.64		<2	8.42
BFCC046	10		40.00	10	1	1	1	4	2		5.14		<2	8.10
BFCC047	10		40.00	10	1	1	1	4	2	N11101	15.76		<2	7.82
BFCC048	10		50.00	10	1	1	1	4	2	N11101	12.27		<2	8.08
BFCC049	10		30.00	10	1	1	1	4	2	N11101	3.76		<2	7.81
BFCC052	10		35.00	10	1	1	1	4	2	N11101	1.66		<2	6.67
BFCC053	10		25.00	10	1	1	2	3	2	N11101	2.51		<2	6.57
BFCC054	10		35.00	10	1	1	2	3	2	N11101	3.89		<2	6.61
BFCC055	10		30.00	10	1	1	3	3	2	N11101	3.88		<2	6.57
BFCC056	10		35.00	10	1	1	1	3	2	N11101	7.08		<2	6.16
BFCD001	10		40.00	10	1	1	2	4	1	N11101	2.56		<2	7.95
BFCD002	10		35.00	10	1	1	3	4	2	N11101	2.55		<2	8.10
BFCD003	10		18.00	10	1	1	3	4	2	N11101	1.81		<2	8.52
BFCD004	10		48.00	10	1	1	3	4	3	N11101	3.04		<2	7.56
BFCD005	10		35.00	10	1	1	3	4	3	N11101	2.43		<2	7.67
BFCD006	10			10	1	1	2	4	2	N11101	2.41		<2	8.19
BFCD007	10			10	1	1	2	4	3	N11101	2.89		<2	7.12
BFCD008	10			10	1	1	3	4	3	N11101	2.44		<2	8.06
BFCD009	10			10	1	1	2	4	3	N11101	2.89		<2	7.51
BFCD010	10			10	1	1	1	1	3	N11101	2.07		<2	7.23
BFCD011	10			10	1	1	1	1	1	N11101	1.96		<2	8.38
BFCD012	10			10	1	1	1	1	1	N11101	2.33		<2	7.93
BFCD013	10			10	1	1	1	1	1	N11101	2.33		<2	9.11
BFCD014	10			10	1	1	1	4	2	N11101	2.69		<2	3.05
BFCD015	10			10	1	1	1	4	1	N11101	2.63		<2	8.31
BFCD016	10		45.00	10	1	1	1	1	1	N11101	2.62		<2	7.67
BFCD017	10		45.00	10	1	1	1	4	3	N11101	2.80		<2	7.55
BFCD018	10		40.00	10	1	1	1	1	1	N11101	2.70		<2	7.89
BFCD019	10		45.00	10	1	1	1	4	2	N11101	1.70		<2	7.91
BFCD020	10		45.00	10	1	1	1	1	1	N11101	2.38		<2	7.90
BFCD021	10		48.00	10	1	1	1	1	1	N11101	2.24		<2	7.83
BFCD022	10		48.00	10	1	1	1	1	1	N11101	3.65		<2	7.55
BFCD023	10		55.00	10	1	1	1	1	1	N11101	3.43		<2	7.56
BFCD024	10		50.00	10	1	1	1	1	1	N11101	4.69		<2	7.41
BFCD025	10		45.00	10	1	1	1	1	1	N11101	3.56		<2	7.48
BFCD026	10		52.00	10	1	1	1	1	1	N11101	2.82		<2	7.46
BFCD027	10		50.00	10	1	1	1	1	1		3.24		<2	7.43
BFCD028	10		65.00	10	1	1	1	1	1	N11101	4.53		<2	7.27
BFCD029	10		50.00	10	1	1	1	1	1	N11101	4.90		<2	8.25
BFCD030	10		50.00	10	1	1	1	1	1	N11101	3.09		<2	8.56
BFCD031	10		52.00	10	1	1	1	1	1	N11101	2.94		<2	8.27
BFCD032	10		55.00	10	1	1	1	1	1	N11101	4.09		<2	8.22

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFCC032	59	726	1	1.96	52	9	53	21	2.94	<15	1.45	25	32	1.07	511
BFCC033	64	599	1	3.13	66	9	25	15	3.26	<15	1.41	31	30	1.07	633
BFCC034	56	1073	1	2.72	60	6	27	10	2.55	<15	1.46	30	21	0.82	490
BFCC035	62	640	1	2.82	56	10	28	15	3.79	<15	1.55	29	45	1.22	608
BFCC036	54	646	1	2.58	61	10	27	14	3.46	<15	1.56	29	43	1.19	622
BFCC037	46	605	1	2.82	64	8	23	9	3.56	<15	1.40	33	33	1.10	714
BFCC038	54	920	1	2.39	55	10	29	17	3.59	<15	1.55	29	47	1.16	669
BFCC039	105	870	1	2.42	53	10	31	14	3.55	<15	1.48	26	47	1.19	625
BFCC040	42	613	1	2.40	64	7	21	8	2.67	<15	1.24	30	25	0.91	565
BFCC041	46	769	1	2.12	56	5	26	10	1.93	<15	1.53	26	16	0.58	392
BFCC042	44	618	1	2.40	68	10	25	13	3.54	<15	1.28	34	35	1.14	685
BFCC043	47	750	1	2.39	35	4	17	5	1.52	<15	1.49	20	16	0.59	371
BFCC044	47	662	1	2.25	61	8	25	12	2.90	<15	1.39	30	36	0.94	489
BFCC045	58	721	1	2.45	60	9	27	13	3.34	<15	1.43	31	41	1.14	596
BFCC046	51	643	1	2.75	57	9	25	9	3.29	<15	1.28	28	34	1.12	619
BFCC047	61	616	1	1.86	63	9	33	23	3.37	<15	1.29	33	49	0.97	509
BFCC048	52	641	1	2.02	63	9	29	17	3.13	<15	1.35	12	40	0.95	724
BFCC049	49	677	1	2.53	58	8	29	15	2.75	<15	1.51	28	39	0.96	498
BFCC052	56	752	1	2.48	43	5	29	10	1.70	<15	1.51	22	18	0.70	427
BFCC053	55	682	1	2.86	51	8	45	19	2.62	<15	1.45	25	28	1.08	515
BFCC054	57	766	1	2.88	50	7	43	19	2.55	<15	1.53	24	31	0.97	473
BFCC055	52	702	1	2.87	48	5	33	13	2.08	<15	1.40	24	21	0.75	359
BFCC056	103	575	1	5.51	35	8	49	25	2.67	<15	1.31	18	38	1.27	398
BFCD001	17	598	1	2.80	42	9	36	16	3.21	<15	1.26	22	28	1.18	556
BFCD002	52	607	1	2.25	44	8	32	13	3.31	<15	1.30	21	28	0.99	686
BFCD003	45	595	1	2.51	36	8	22	8	2.27	<15	1.11	15	19	0.75	537
BFCD004	54	645	1	2.79	43	10	36	17	3.13	<15	1.27	21	32	1.10	544
BFCD005	53	601	1	1.87	40	9	37	25	3.33	<15	1.38	20	32	1.13	502
BFCD006	16	611	1	2.77	48	10	36	15	3.69	<15	1.16	23	33	1.25	591
BFCD007	14	838	1	2.08	33	4	20	10	1.72	<15	1.78	17	24	0.53	359
BFCD008	45	603	1	3.19	43	9	28	9	2.97	<15	1.09	18	18	1.09	646
BFCD009	57	651	1	3.53	45	9	36	18	3.11	<15	1.32	21	30	1.22	341
BFCD010	18	580	1	3.44	40	8	31	12	2.68	<15	1.17	15	23	0.98	509
BFCD011	25	620	1	2.40	38	8	38	18	2.84	<15	1.46	20	27	0.90	342
BFCD012	26	584	1	2.25	43	9	38	20	2.91	<15	1.32	22	26	0.94	556
BFCD013	25	611	1	2.46	43	9	35	19	2.91	<15	1.43	22	28	1.03	522
BFCD014	19	589	1	2.21	54	8	30	14	2.90	<15	1.34	28	24	0.87	577
BFCD015	24	628	1	2.33	49	8	32	16	2.64	<15	1.40	22	25	0.88	509
BFCD016	26	613	1	2.38	44	8	34	15	2.55	<15	1.20	23	19	0.88	512
BFCD017	21	596	1	2.24	42	9	33	14	2.71	<15	1.14	21	20	0.87	518
BFCD018	22	555	1	2.57	37	10	36	13	3.07	<15	1.19	20	24	1.11	605
BFCD019	25	601	1	2.45	44	9	36	14	3.05	<15	1.28	22	24	1.07	578
BFCD020	23	561	1	2.55	35	8	34	12	2.91	<15	1.19	18	20	1.00	598
BFCD021	28	574	1	2.81	35	10	34	13	3.12	<15	1.16	17	24	1.16	576
BFCD022	19	605	1	2.77	59	9	32	10	3.33	<15	1.03	30	18	1.02	686
BFCD023	40	682	1	3.57	44	11	33	19	3.24	<15	1.12	24	31	1.30	594
BFCD024	30	592	1	2.59	61	10	34	17	3.15	<15	0.99	31	24	1.07	587
BFCD025	25	553	1	2.89	48	10	33	14	3.22	<15	0.85	25	19	1.12	605
BFCD026	28	605	1	2.87	50	10	31	15	3.16	<15	0.82	28	22	1.08	592
BFCD027	22	590	1	2.48	61	9	34	15	3.24	<15	0.80	34	20	1.05	623
BFCD028	19	572	1	2.47	50	9	29	11	3.21	<15	0.76	28	19	0.96	572
BFCD029	21	615	1	2.66	67	8	26	10	3.04	<15	1.49	38	30	1.02	554
BFCD030	24	664	1	2.86	56	7	25	11	2.79	<15	1.65	30	25	0.95	558
BFCD031	24	615	1	2.61	54	8	25	11	3.05	<15	1.56	29	31	1.01	569
BFCD032	20	618	1	2.59	60	8	24	9	3.03	<15	1.56	33	28	0.97	581

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFCC032	<4	1.76	9	43	569	<10	8	315	10	3093	80	15	81	28
BFCC033	<4	2.30	13	18	1248	<10	9	359	11	4059	86	18	78	22
BFCC034	<4	2.32	12	12	916	61	8	396	11	3385	63	18	82	17
BFCC035	<4	2.04	10	17	1064	<10	10	391	15	4001	74	16	102	19
BFCC036	<4	2.18	12	17	1018	<10	10	353	21	3977	74	18	90	18
BFCC037	<4	2.34	15	11	1007	<10	11	363	15	5192	81	23	84	27
BFCC038	<4	2.12	12	17	915	<10	10	339	14	4119	77	17	105	19
BFCC039	<4	2.50	10	19	843	<10	9	345	13	3827	73	16	92	17
BFCC040	<4	2.03	13	12	540	<10	9	351	15	3984	66	18	66	20
BFCC041	<4	2.04	12	19	898	<10	5	321	17	3292	48	16	52	19
BFCC042	<4	1.86	14	16	886	<10	11	331	10	4359	78	20	87	19
BFCC043	<4	2.42	7	11	600	<10	5	379	9	2435	38	12	36	14
BFCC044	<4	2.10	12	15	590	<10	9	362	13	3514	62	16	72	18
BFCC045	<4	2.07	11	15	957	<10	10	361	8	3765	70	18	89	17
BFCC046	<4	2.09	11	14	853	<10	10	370	14	4097	72	18	88	19
BFCC047	<4	1.59	10	22	612	<10	9	301	11	3414	86	16	93	19
BFCC048	<4	1.90	11	18	595	<10	9	328	16	3498	73	17	87	18
BFCC049	<4	2.06	11	17	940	<10	8	350	10	3329	65	16	73	19
BFCC052	<4	1.97	9	22	920	<10	5	327	7	2508	42	13	44	17
BFCC053	<4	1.63	9	38	1162	<10	7	315	17	2949	64	14	79	24
BFCC054	<4	1.74	9	35	1036	27	7	301	11	2909	66	14	89	23
BFCC055	<4	1.81	9	27	883	<10	5	312	9	2929	55	14	51	19
BFCC056	<4	1.61	7	43	1344	<10	8	426	8	2727	56	13	72	25
BFCD001	<4	1.77	9	29	706	<10	10	294	8	3787	73	17	81	23
BFCD002	<4	1.94	10	24	549	<10	11	270	36	4838	76	20	84	28
BFCD003	<4	2.16	6	18	382	<10	8	296	12	2425	53	15	54	12
BFCD004	<4	1.51	9	29	804	<10	10	260	11	3454	77	18	83	25
BFCD005	<4	1.66	7	38	642	<10	10	231	5	3349	78	16	96	22
BFCD006	<4	1.66	9	20	460	<10	12	274	17	4047	88	21	83	23
BFCD007	<4	2.27	7	9	419	18	5	274	5	1990	39	11	72	16
BFCD008	<4	2.02	9	16	538	<10	12	319	17	3402	73	22	71	19
BFCD009	<4	1.73	9	25	959	28	10	301	17	3450	76	17	83	24
BFCD010	<4	1.80	8	21	723	<10	9	430	17	3224	64	16	91	23
BFCD011	<4	2.13	8	24	666	<10	10	320	6	3441	80	19	58	25
BFCD012	<4	1.84	8	25	579	10	10	293	14	3573	82	18	72	29
BFCD013	<4	1.95	9	24	682	18	10	295	15	3576	83	17	70	30
BFCD014	<4	1.99	9	20	694	29	10	298	21	3838	80	18	71	28
BFCD015	<4	2.16	10	22	604	13	9	323	13	3369	77	17	69	26
BFCD016	<4	1.87	8	22	577	18	10	297	18	3497	74	15	76	28
BFCD017	<4	1.75	8	20	384	17	10	298	13	3461	78	17	84	29
BFCD018	<4	1.89	7	21	624	14	12	306	5	3515	88	20	72	22
BFCD019	<4	1.92	10	20	560	12	11	297	5	3770	88	18	72	27
BFCD020	<4	1.99	7	20	545	<10	12	300	3	3745	84	15	73	26
BFCD021	<4	1.79	7	21	590	<10	12	313	6	3653	85	18	69	23
BFCD022	<4	1.86	11	17	685	12	13	328	11	4992	95	23	73	30
BFCD023	<4	1.72	8	23	1168	<10	11	397	14	3680	107	17	77	22
BFCD024	<4	1.54	11	23	993	26	11	333	13	3955	91	19	87	29
BFCD025	<4	1.46	10	23	753	<10	12	321	14	3872	90	20	75	26
BFCD026	<4	1.39	10	21	852	<10	10	354	15	3958	92	18	81	24
BFCD027	<4	1.35	11	20	826	<10	11	335	5	4124	93	19	136	25
BFCD028	<4	1.34	12	15	677	<10	10	340	14	4013	90	19	67	24
BFCD029	<4	2.13	12	14	890	13	10	375	9	4000	86	18	80	22
BFCD030	<4	2.71	12	13	749	<10	10	398	7	4111	84	20	59	22
BFCD031	<4	2.23	10	13	836	<10	10	369	6	4119	86	18	68	22
BFCD032	<4	2.32	11	12	788	<10	10	367	20	4473	87	20	71	26

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-SP	CDGR	CON1	CON2	CON3	FORM
BFC0033	35.383	119.209	07	32280				3	1	1				1	QTRN
BFC0034	35.383	119.180	07	32280				1	1	1				7	QTRN
BFC0035	35.384	119.148	07	32280				3	1	1				1	QTRN
BFC0036	35.387	119.108	07	32280				3	1	1				2	QTRN
BFC0037	35.441	119.091	07	32280				3	1	1				1	QTRN
BFC0038	35.443	119.116	07	32380				3	1	1				1	QTRN
BFC0040	35.409	119.109	07	32380				4	1	1				1	QTRN
BFC0041	35.413	119.084	07	32380				3	1	1				2	QTRN
BFC0042	35.384	119.065	07	32380				3	1	1				9	QTRN
BFC0043	35.380	119.091	07	32380				3	1	1			9	1	QTRN
BFC0044	35.369	119.092	07	32380				3	1	1				1	QTRN
BFC0045	35.368	119.127	07	32380				3	1	1				1	QTRN
BFC0046	35.355	119.145	07	32380				4	1	1				1	QTRN
BFC0047	35.353	119.116	07	32380				4	1	1			6	1	QTRN
BFC0048	35.355	119.216	07	32380				4	1	1				1	QTRN
BFC0049	35.355	119.249	07	32380				4	1	1				1	QTRN
BFC0050	35.355	119.180	07	32380				4	1	1				1	QTRN
BFC0051	35.312	119.128	07	32480				4	1	1				7	QTRN
BFC0052	35.312	119.153	07	32480				4	1	1				7	QTRN
BFC0053	35.310	119.181	07	32480				4	1	1				7	QTRN
BFC0054	35.297	119.197	07	32480				4	1	1			7	9	QTRN
BFC0055	35.308	119.216	07	32480				3	1	1				7	QTRN
BFC0056	35.296	119.239	07	32480				4	1	1			7	9	QTRN
BFC0057	35.298	119.162	07	32480				4	1	1				7	QTRN
BFC0058	35.293	119.128	07	32480				4	1	1				7	QTRN
BFC0059	35.297	119.108	07	32480				1	1	1				7	QTRN
BFC0060	35.313	119.109	07	32480				4	1	1				7	QTRN
BFC0061	35.325	119.090	07	32480				4	1	1				2	QTRN
BFC0062	35.295	119.074	07	32480				4	1	1				7	QTRN
BFC0063	35.265	119.074	07	32480				4	1	1				7	QTRN
BFC0064	35.268	119.113	07	32480				4	1	1				7	QTRN
BFC0065	35.268	119.144	07	32580				4	1	1				7	QTRN
BFC0066	35.267	119.181	07	32580				4	1	1				7	QTRN
BFC0067	35.268	119.216	07	32580				4	1	1				7	QTRN
BFC0068	35.267	119.245	07	32580				3	1	1				9	QTRN
BFCE001	35.425	118.839	07	31880				3	1	1				8	QTRN
BFCE002	35.457	118.827	07	31880				3	1	1				2	QTRN
BFCE003	35.489	118.802	07	31880				3	1	1				2	QTRN
BFCE004	35.474	118.823	07	31880				3	1	1				2	QTRN
BFCE005	35.461	118.767	07	31880				2	1	1				6	UNKN
BFCE006	35.476	118.751	07	31880				2	1	1				6	UNKN
BFCE007	35.445	118.790	07	31880				2	1	1				2	UNKN
BFCE008	35.431	118.776	07	31880				3	1	1				8	QTRN
BFCE009	35.424	118.816	07	31880				3	1	1				7	QTRN
BFCE010	35.398	118.843	07	31880				3	1	1				2	QTRN
BFCE011	35.396	118.808	07	31880				3	1	1				8	QTRN
BFCE012	35.400	118.772	07	31880				3	1	1				8	QTRN
BFCE013	35.374	118.842	07	31880				3	1	1				6	QTRN
BFCE014	35.355	118.842	07	31880				3	1	1				7	QTRN
BFCE015	35.355	118.807	07	31880				3	1	1				9	QTRN
BFCE016	35.375	118.807	07	31880				3	1	1				8	QTRN
BFCE017	35.353	118.759	06	31880				3	1	1				2	QTRN
BFCE018	35.326	118.773	07	31880				3	1	1				2	QTRN
BFCE019	35.326	118.807	07	31880				3	1	1				7	QTRN
BFCE020	35.297	118.842	07	31880				3	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BPCD033	10		55.00	10	1	1	1	1	1	N11101	4.23		<2	8.20
BPCD034	10		50.00	10	1	1	1	1	1	N11101	4.21		<2	8.25
BPCD035	10		55.00	10	1	1	1	1	1	N11101	3.35		<2	8.65
BPCD036	10		45.00	10	1	1	1	4	2	N11101	3.69		<2	8.51
BPCD037	10		37.00	10	1	1	1	1	1	N11101	2.61		<2	7.70
BPCD038	10		47.00	10	1	1	1	1	1	N11101	3.79		<2	8.35
BPCD040	10		45.00	10	1	1	1	1	1	N11101	4.46		<2	8.19
BPCD041	10		45.00	10	1	1	1	4	1	N11101	4.25		<2	8.07
BPCD042	10		50.00	10	1	1	1	4	2	N11101	3.00		<2	8.11
BPCD043	10		45.00	10	1	1	1	4	1	N11101	3.22		<2	8.14
BPCD044	10		50.00	10	1	1	1	1	1	N11101	4.53		<2	8.17
BPCD045	10		40.00	10	1	1	1	1	1	N11101	4.41		<2	8.45
BPCD046	10		45.00	10	1	1	1	1	1	N11101	4.86		<2	8.37
BPCD047	10		50.00	10	1	1	1	4	3	N11101	5.17		<2	7.84
BPCD048	10		45.00	10	1	1	1	1	1	N11101	4.39		<2	7.97
BPCD049	10		52.00	10	1	1	1	1	1	N11101	4.54		<2	7.71
BPCD050	10		50.00	10	1	1	1	1	1	N11101	2.95		<2	7.92
BPCD051	10		65.00	10	1	1	1	1	3	N11101	4.43		<2	7.99
BPCD052	10		55.00	10	1	1	1	1	2	N11101	4.24		<2	8.15
BPCD053	10		55.00	10	1	1	1	1	3	N11101	4.43		<2	8.47
BPCD054	10		55.00	10	1	1	1	4	3	N11101	9.45		<2	7.99
BPCD055	10		50.00	10	1	1	1	1	3	N11101	3.57		<2	8.06
BPCD056	10		55.00	10	1	1	1	4	2	N11101	6.21		<2	8.47
BPCD057	10		55.00	10	1	1	1	1	1	N11101	3.46		<2	8.27
BPCD058	10		55.00	10	1	1	1	1	1	N11101	3.78		<2	8.26
BPCD059	10		50.00	10	1	1	1	1	1	N11101	5.64		<2	8.55
BPCD060	10		50.00	10	1	1	1	1	1	N11101	4.38		<2	8.29
BPCD061	10		60.00	10	1	1	1	4	3	N11101	8.55		<2	8.59
BPCD062	10		50.00	10	1	1	1	1	2	N11101	5.62		<2	8.42
BPCD063	10		50.00	10	1	1	1	1	1	N11101	4.81		<2	8.28
BPCD064	10		50.00	10	1	1	1	1	1	N11101	5.24		<2	8.26
BPCD065	10		55.00	10	1	1	1	1	1	N11101	7.50		<2	7.80
BPCD066	10		50.00	10	1	1	1	1	1	N11101	4.67		<2	7.93
BPCD067	10		50.00	10	1	1	1	1	1	N11101	4.06		<2	7.59
BPCD068	10		65.00	10	1	1	1	4	2	N11101	5.31		<2	7.42
BPCD069	10		60.00	10	1	1	1	4	2	N11101	3.60		<2	7.81
BPCD070	10		64.00	10	1	1	2	4	3	N11101	4.29		<2	6.11
BPCD071	10		30.00	10	1	1	2	4	3	N11101	0.27		<2	7.72
BPCD072	10		32.00	10	1	1	2	4	3	N11101	1.77		<2	7.90
BPCD073	10		66.00	04	1	1	4	4	2	N11101	1.87		<2	7.98
BPCD074	10		64.00	04	1	1	4	4	2	N11101	2.80		<2	8.63
BPCD075	10		60.00	04	1	1	4	4	1	N11101	4.52		<2	7.00
BPCD076	10		54.00	10	1	1	3	4	2	N11101	2.23		<2	7.74
BPCD077	10		62.00	10	1	1	1	4	2	N11101	3.27		<2	7.56
BPCD078	10		64.00	10	1	1	2	4	3	N11101	3.23		<2	7.95
BPCD079	10		64.00	10	1	1	2	4	3	N11101	3.52		<2	8.11
BPCD080	10		62.00	10	1	1	4	4	3	N11101	3.77		<2	7.60
BPCD081	10		56.00	10	1	1	1	4	3	N11101	1.46		<2	7.96
BPCD082	10		56.00	10	1	1	1	1	2	N11101	2.18		<2	8.02
BPCD083	10		58.00	10	1	1	2	4	2	N11101	2.09		<2	9.68
BPCD084	10		60.00	10	1	1	2	4	3	N11101	2.25		<2	9.09
BPCD085	10		64.00	10	1	1	2	4	3	N11101	3.22		<2	7.89
BPCD086	10		52.00	10	1	1	2	4	3	N11101	1.81		<2	7.93
BPCD087	10		38.00	10	1	1	1	1	2	N11101	1.46		<2	9.12
BPCD088	10		54.00	10	1	1	1	1	2	N11101	1.84		<2	9.11

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFC0033	19	626	1	2.57	56	8	22	9	2.69	<15	1.60	30	30	0.94	528
BFC0034	16	606	1	2.63	62	8	24	9	3.19	<15	1.45	33	26	0.94	570
BFC0035	10	600	1	3.04	60	9	26	10	3.35	<15	1.40	29	29	1.13	644
BFC0036	14	596	2	2.72	53	9	27	13	3.11	<15	1.51	27	30	1.03	562
BFC0037	14	685	1	2.53	50	9	33	15	2.83	<15	1.28	26	22	0.94	512
BFC0038	18	604	1	2.37	52	11	36	20	3.39	<15	1.54	29	35	1.11	623
BFC0040	11	596	1	2.63	60	9	30	11	3.35	<15	1.34	35	25	1.04	583
BFC0041	19	600	1	3.89	49	9	31	16	3.14	<15	1.44	26	34	1.20	580
BFC0042	11	672	1	3.01	69	8	31	10	4.05	<15	1.37	35	26	1.39	757
BFC0043	11	601	1	2.80	62	9	26	10	3.42	<15	1.31	32	25	1.02	619
BFC0044	<10	565	1	2.77	60	9	25	8	3.30	<15	1.22	30	29	1.00	618
BFC0045	10	614	2	2.81	55	11	50	17	3.38	<15	1.33	27	30	1.09	645
BFC0046	10	572	1	2.68	53	10	24	9	3.08	<15	1.11	27	29	1.00	595
BFC0047	10	589	1	2.62	51	9	25	10	3.24	<15	1.10	27	28	1.00	605
BFC0048	27	622	1	2.59	53	10	28	12	3.30	<15	1.16	30	33	1.08	602
BFC0049	23	571	1	3.10	59	8	24	8	3.09	<15	1.00	33	25	1.05	635
BFC0050	18	591	2	2.56	52	9	24	10	3.11	<15	0.91	26	28	0.99	578
BFC0051	15	586	2	2.78	48	8	24	10	2.88	<15	0.91	26	25	0.96	562
BFC0052	15	597	1	2.71	71	9	27	7	3.69	<15	1.33	34	31	1.17	718
BFC0053	21	624	1	2.58	62	9	27	13	3.56	<15	1.52	30	47	1.22	625
BFC0054	94	630	1	2.17	52	8	27	16	3.37	<15	1.54	27	46	1.08	559
BFC0055	10	568	1	2.94	64	7	20	3	2.92	<15	1.20	29	18	1.00	636
BFC0056	44	650	1	2.33	56	10	33	15	3.84	<15	1.71	29	56	1.33	772
BFC0057	28	611	1	3.15	57	7	26	6	3.43	<15	1.46	27	30	1.19	688
BFC0058	19	597	1	3.11	60	9	26	8	3.59	<15	1.32	28	35	1.21	650
BFC0059	17	639	1	2.46	57	11	29	18	3.96	<15	1.44	32	50	1.26	737
BFC0060	20	604	1	2.85	61	10	28	12	3.74	<15	1.39	29	41	1.28	692
BFC0061	21	619	1	2.42	53	9	28	14	3.41	<15	1.52	27	47	1.13	626
BFC0062	15	626	1	2.47	62	11	29	15	3.81	21	1.40	31	49	1.25	688
BFC0063	13	631	1	2.45	53	11	26	13	3.60	<15	1.37	26	43	1.18	688
BFC0064	21	591	1	2.94	54	10	26	11	3.59	<15	1.42	27	42	1.23	662
BFC0065	55	1026	1	2.45	64	11	34	18	3.80	<15	1.41	32	51	1.34	637
BFC0066	72	830	1	2.87	59	10	37	16	3.66	<15	1.61	30	46	1.36	749
BFC0067	60	619	1	2.60	54	8	35	11	3.45	<15	1.52	28	42	1.24	705
BFC0068	102	647	1	2.45	59	6	27	9	3.26	<15	1.73	32	29	0.97	615
BFCE001	15	655	1	2.08	51	8	29	13	3.07	<15	1.48	26	30	0.91	593
BFCE002	18	469	1	4.32	43	6	37	11	2.98	<15	1.05	22	27	0.91	373
BFCE003	<10	383	<1	3.55	39	13	49	5	5.41	<15	0.63	16	15	1.71	1189
BFCE004	11	586	<1	2.77	45	16	63	19	5.10	<15	1.29	18	32	1.94	901
BFCE005	<10	496	1	2.72	40	8	18	10	2.72	<15	0.57	14	15	0.96	699
BFCE006	<10	512	<1	2.76	48	11	40	9	4.60	<15	1.13	22	27	1.40	816
BFCE007	101	549	<1	3.72	59	15	31	44	5.10	<15	1.11	23	39	1.70	959
BFCE008	15	572	<1	2.47	48	17	51	23	5.23	<15	1.52	22	33	2.02	887
BFCE009	21	592	1	2.13	70	8	30	10	2.98	18	1.48	34	26	0.96	545
BFCE010	15	857	1	2.22	56	6	22	8	2.24	<15	1.30	26	20	0.67	521
BFCE011	14	696	1	2.07	62	7	30	14	2.75	<15	1.45	29	20	0.75	498
BFCE012	21	524	1	2.55	62	7	26	19	3.01	<15	1.35	32	27	0.88	372
BFCE013	15	676	1	2.23	47	8	30	11	2.59	<15	1.13	23	26	0.95	556
BFCE014	22	723	1	2.88	57	11	36	20	3.29	<15	1.12	27	31	1.17	569
BFCE015	97	635	1	2.94	49	7	25	14	3.19	<15	0.82	27	37	0.97	452
BFCE016	13	739	1	2.18	49	5	15	7	2.07	<15	1.10	24	20	0.50	452
BFCE017	11	1008	<1	2.46	64	5	19	<2	3.89	<15	0.84	35	16	0.44	1437
BFCE018	11	606	1	2.53	39	9	28	9	3.28	<15	0.98	19	20	1.05	611
BFCE019	<10	668	1	3.07	45	6	25	5	2.40	<15	0.86	18	9	0.87	459
BFCE020	10	675	1	2.64	54	9	35	14	3.72	<15	1.05	21	20	1.16	735

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFC0033	<4	2.31	9	12	730	17	9	376	6	3930	80	18	66	23
BFC0034	<4	2.29	12	14	697	<10	10	379	13	4273	91	20	65	26
BFC0035	<4	2.37	13	12	921	<10	12	393	7	4631	91	21	84	20
BFC0036	<4	2.26	11	17	902	16	11	371	12	3933	86	18	99	21
BFC0037	<4	1.85	9	21	692	39	10	306	15	3818	84	19	452	30
BFC0038	<4	1.98	10	23	897	24	11	319	6	4090	93	18	97	27
BFC0040	<4	2.06	10	17	696	<10	11	367	16	4317	95	21	104	25
BFC0041	<4	2.04	11	20	993	<10	10	390	5	3905	86	17	81	25
BFC0042	<4	2.31	20	15	878	64	13	359	15	6260	115	27	95	35
BFC0043	<4	2.18	12	32	763	21	11	364	25	4602	101	20	80	22
BFC0044	<4	2.17	12	12	687	18	11	365	13	4615	91	19	72	23
BFC0045	<4	2.22	12	27	801	10	11	379	10	4602	94	20	92	25
BFC0046	<4	1.97	11	14	703	13	10	358	10	4241	83	18	71	22
BFC0047	<4	1.89	13	12	810	46	11	350	12	4516	90	21	86	25
BFC0048	<4	1.82	10	16	891	18	11	354	6	4278	92	19	80	22
BFC0049	<4	1.91	14	12	972	<10	12	385	4	4910	90	23	70	26
BFC0050	<4	1.65	11	13	749	12	10	358	13	4051	82	19	76	22
BFC0051	<4	1.79	10	15	858	<10	10	380	14	3830	79	18	69	22
BFC0052	<4	2.11	14	13	1040	<10	11	342	26	5112	78	22	90	24
BFC0053	<4	2.09	9	17	979	<10	10	341	14	3952	71	17	95	18
BFC0054	<4	2.32	9	15	919	<10	9	303	10	3847	67	16	99	17
BFC0055	<4	2.40	13	10	747	<10	11	374	14	4447	68	21	59	18
BFC0056	<4	2.24	11	22	1194	<10	10	319	12	4257	76	17	103	20
BFC0057	<4	2.52	13	14	1000	<10	11	395	11	4851	75	20	76	24
BFC0058	<4	2.22	11	13	985	<10	11	376	10	4468	73	19	88	20
BFC0059	<4	1.94	11	16	934	<10	11	324	17	4520	60	19	107	20
BFC0060	<4	2.01	12	15	1091	<10	10	351	17	4455	78	18	106	18
BFC0061	<4	2.26	9	16	1013	<10	9	341	10	3747	67	16	96	17
BFC0062	<4	2.02	10	17	1000	<10	10	330	10	4463	77	17	107	21
BFC0063	<4	2.02	10	16	896	<10	10	337	10	4196	73	17	100	19
BFC0064	<4	2.07	12	16	918	<10	11	359	17	4474	74	18	92	21
BFC0065	<4	1.77	11	19	1088	<10	10	323	24	3930	78	17	107	21
BFC0066	<4	2.45	11	23	1474	<10	10	372	14	4215	74	17	102	23
BFC0067	<4	2.38	10	17	1203	<10	9	327	12	4016	75	16	93	23
BFC0068	<4	2.60	11	17	1410	<10	8	335	10	3616	73	16	80	22
BFCE001	<4	1.95	11	15	841	<10	8	303	12	3687	63	17	78	27
BFCE002	<4	1.28	8	24	770	<10	8	288	10	3146	65	18	64	36
BFCE003	<4	1.91	11	17	823	<10	20	290	17	5578	121	27	106	21
BFCE004	<4	1.70	7	27	298	<10	21	219	12	4513	117	24	105	17
BFCE005	<4	2.22	6	7	834	<10	11	478	8	2571	50	12	77	4
BFCE006	<4	2.16	11	13	713	<10	13	342	16	6144	90	16	107	16
BFCE007	<4	1.73	10	12	1019	48	24	253	11	4692	114	43	135	11
BFCE008	<4	1.53	8	26	693	<10	18	228	12	5540	118	21	114	21
BFCE009	<4	1.92	11	15	715	<10	10	303	12	4617	67	18	69	37
BFCE010	<4	2.09	10	15	456	<10	7	330	14	3785	51	16	52	23
BFCE011	<4	2.00	12	18	1098	<10	8	326	16	4034	67	17	73	29
BFCE012	<4	1.53	12	16	978	<10	9	268	16	3453	69	18	79	50
BFCE013	<4	1.59	9	22	333	<10	9	278	11	4276	56	18	73	25
BFCE014	<4	1.23	10	27	749	<10	10	266	14	3789	68	19	100	27
BFCE015	<4	1.14	7	15	464	<10	10	266	14	3109	57	18	93	27
BFCE016	<4	1.99	9	10	355	<10	6	342	12	3967	29	17	46	22
BFCE017	<4	1.93	27	7	479	<10	7	322	34	21506	71	28	74	37
BFCE018	<4	1.75	9	13	624	<10	12	295	4	4000	66	20	76	16
BFCE019	<4	2.64	6	6	354	13	11	407	4	2685	67	19	48	11
BFCE020	<4	2.32	8	12	449	18	13	339	4	4545	85	21	119	16

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEN	COND	ALK	SIZE	WIDE	S-DF	ODCR	CON1	CON2	CON3	FORM
BFCE021	35.325	118.842	07	31880				3	1	1				7	QTRN
BFCE022	35.296	118.807	07	32180				3	1	1				7	QTRN
BFCE023	35.267	118.806	07	32180				3	1	1				7	QTRN
BFCE024	35.267	118.770	07	32180				3	1	1				7	QTRN
BFCE025	35.296	118.770	07	32180				3	1	1				7	QTRN
BFCE026	35.267	118.842	07	32180				3	1	1				7	QTRN
BFCE027	35.267	118.877	07	32180				3	1	1				7	QTRN
BFCE028	35.267	118.914	07	32180				3	1	1				7	QTRN
BFCE029	35.267	118.948	07	32180				3	1	1				7	QTRN
BFCE030	35.268	118.984	07	32180				3	1	1				7	QTRN
BFCE031	35.295	118.985	07	32180				3	1	1				7	QTRN
BFCE032	35.295	118.950	07	32180				3	1	1				7	QTRN
BFCE033	35.296	118.914	07	32180				3	1	1				9	QTRN
BFCE034	35.297	118.877	07	32180				3	1	1				7	QTRN
BFCE035	35.325	118.877	07	32180				3	1	1				7	QTRN
BFCE036	35.325	118.914	07	32180				3	1	1				7	QTRN
BFCE037	35.325	118.948	07	32180				3	1	1				7	QTRN
BFCE038	35.325	118.984	07	32180				3	1	1				7	QTRN
BFCE039	35.354	118.984	07	32180				3	1	1				6	QTRN
BFCE040	35.354	118.949	07	32180				3	1	1				6	QTRN
BFCE041	35.435	118.876	07	32280				3	1	1				2	QTRN
BFCE042	35.433	118.897	07	32280				3	1	1				5	QTRN
BFCE043	35.424	118.944	07	32280				3	1	1				6	QTRN
BFCE044	35.451	118.939	07	32280				3	1	1				9	QTRN
BFCE045	35.454	118.907	07	32280				3	1	1				8	QTRN
BFCE046	35.451	118.875	07	32280				3	1	1				8	QTRN
BFCE047	35.487	118.878	07	32280				3	1	1				9	QTRN
BFCE048	35.485	118.908	07	32280				3	1	1				9	QTRN
BFCE049	35.427	118.981	07	32280				3	1	1				9	QTRN
BFCE050	35.456	118.972	07	32280				3	1	1				9	QTRN
BFCE051	35.471	118.963	07	32280				3	1	1				9	QTRN
BFCE052	35.469	118.985	07	32280				3	1	1				9	QTRN
BFCE053	35.485	118.987	07	32280				3	1	1				9	QTRN
BFCE054	35.398	118.985	07	32280				3	1	1				6	QTRN
BFCE055	35.398	118.951	07	32280				3	1	1				6	QTRN
BFCE056	35.396	118.911	07	32280				3	1	1				6	QTRN
BFCE058	35.376	118.888	07	32280				3	1	1				7	QTRN
BFCE059	35.376	118.913	07	32380				3	1	1				6	QTRN
BFCE060	35.376	118.948	07	32380				3	1	1				6	QTRN
BFCE061	35.374	118.979	07	32380				3	1	1				6	QTRN
BFCE062	35.354	118.914	07	32480				3	1	1				6	QTRN
BFCE063	35.351	118.884	07	32480				3	1	1				7	QTRN
BFCE001	35.288	118.738	07	32380				3	1	1				6	QTRN
BFCE002	35.277	118.717	07	32380				3	1	1				6	MSZC
BFCE003	35.267	118.695	07	32280				3	1	1				6	MSZC
BFCE004	35.263	118.656	07	32380				3	1	1				6	QTRN
BFCE005	35.291	118.630	07	32380				3	1	1				8	QTRN
BFCE006	35.295	118.666	06	32380				3	1	1				8	QTRN
BFCE007	35.426	118.732	06	32980				3	1	1				8	MSZC
BFCE008	35.442	118.718	06	32980				3	1	1				8	QTRN
BFCE009	35.438	118.697	07	32980				3	1	1				8	QTRN
BFCE010	35.452	118.705	06	32980				3	1	1				8	QTRN
BFCE011	35.452	118.664	06	32980				3	1	1				8	MSZC
BFCE012	35.477	118.645	07	32980				3	1	1				8	MSZC
BFCE013	35.474	118.630	06	32980				3	1	1				8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TDI	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-HT	AG	AL
BFCE021	10		50.00	10	1	1	1	1	2	N11101	1.68		<2	8.27
BFCE022	10		56.00	10	1	1	1	1	3	N11101	1.56		<2	7.68
BFCE023	10		39.00	10	1	1	1	1	3	N11101	1.44		<2	7.97
BFCE024	10		34.00	10	1	1	1	1	2	N11101	1.12		<2	8.43
BFCE025	10		44.00	10	1	1	1	1	3	N11101	1.92		<2	7.75
BFCE026	10		130.00	10	1	1	1	1	1	N11101	2.05		<2	7.72
BFCE027	10		150.00	10	1	1	1	1	2	N11101	2.16		<2	7.85
BFCE028	10		130.00	10	1	1	1	1	1	N11101	1.63		<2	7.61
BFCE029	10		185.00	10	1	1	1	1	1	N11101	2.94		<2	8.54
BFCE030	10		170.00	10	1	1	1	1	3	N11101	6.76		<2	8.18
BFCE031	10		176.00	10	1	1	1	1	3	N11101	5.75		<2	7.94
BFCE032	10		178.00	10	1	1	1	1	3	N11101	3.25		<2	6.35
BFCE033	10		144.00	10	1	1	1	4	3	N11101	2.14		<2	8.18
BFCE034	10		130.00	10	1	1	1	1	1	N11101	2.29		<2	8.70
BFCE035	10		128.00	10	1	1	1	1	3	N11101	2.53		<2	8.11
BFCE036	10		113.00	10	1	1	1	1	2	N11101	1.31		<2	8.01
BFCE037	10		156.00	10	1	1	1	1	3	N11101	2.31		<2	7.59
BFCE038	10		212.00	10	1	1	1	1	1	N11101	4.16		<2	8.26
BFCE039	10		180.00	10	1	1	1	4	3	N11101	3.09		<2	7.90
BFCE040	10		178.00	10	1	1	1	4	3	N11101	2.82		<2	6.12
BFCE041	10		206.00	10	1	1	1	4	2	N11101	4.38		<2	8.38
BFCE042	10		200.00	10	1	1	2	4	2	N11101	4.46		<2	8.18
BFCE043	10		196.00	10	1	1	1	4	1	N11101	3.61		<2	8.03
BFCE044	10		184.00	10	1	1	1	4	1	N11101	3.15		<2	7.66
BFCE045	10		200.00	10	1	1	1	4	3	N11101	3.72		<2	7.91
BFCE046	10		240.00	10	1	1	2	4	3	N11101	6.49		<2	6.45
BFCE047	10		188.00	10	1	1	2	4	3	N11101	5.41		<2	6.04
BFCE048	10		235.00	10	1	1	2	4	3	N11101	10.94		<2	7.43
BFCE049	10		182.00	10	1	1	1	4	1	N11101	3.69		<2	8.33
BFCE050	10		200.00	10	1	1	1	4	2	N11101	5.89		<2	8.42
BFCE051	10		170.00	10	1	1	2	4	3	N11101	1.85		<2	8.33
BFCE052	10		182.00	10	1	1	1	4	1	N11101	3.72		<2	8.32
BFCE053	10		140.00	10	1	1	2	4	3	N11101	2.32		<2	8.74
BFCE054	10		174.00	10	1	1	1	4	2	N11101	3.22		<2	7.27
BFCE055	10		182.00	10	1	1	1	4	1	N11101	5.60		<2	6.97
BFCE056	10		154.00	10	1	1	2	4	2	N11101	5.13		<2	9.43
BFCE058	10		146.00	10	1	1	2	4	3	N11101	2.42		<2	7.76
BFCE059	10		142.00	10	1	1	1	4	3	N11101	1.85		<2	7.47
BFCE060	10		164.00	10	1	1	1	4	1	N11101	3.33		<2	8.02
BFCE061	10		174.00	10	1	1	1	4	1	N11101	1.98		<2	8.16
BFCE062	10		148.00	10	1	1	1	4	3	N11101	2.28		<2	8.04
BFCE063	10		146.00	10	1	1	1	1	2	N11101	3.58		<2	8.05
BFCE064	10		20.00	10	1	1	2	4	2	N11101	1.22		<2	9.45
BFCE065	10		15.00	04	1	1	2	4	2	N11101	0.87		<2	8.16
BFCE066	10		15.00	04	1	1	3	4	2	N11101	0.74		<2	9.37
BFCE067	10		15.00	10	1	1	3	4	2	N11101	0.86		<2	8.75
BFCE068	10		20.00	10	1	1	3	4	2	N11101	1.58		<2	8.69
BFCE069	10		20.00	10	1	1	3	4	2	N11101	2.52		<2	7.75
BFCE070	10		20.00	04	1	1	3	4	2	N11101	1.06		<2	8.46
BFCE071	10		15.00	10	1	1	2	4	2	N11101	1.18		<2	8.25
BFCE072	10		20.00	10	1	1	2	4	2	N11101	1.25		<2	9.23
BFCE073	10		20.00	10	1	1	3	4	2	N11101	0.81		<2	9.07
BFCE074	10		20.00	04	1	1	3	2	2	N11101	1.75		<2	8.43
BFCE075	10		10.00	04	1	1	3	2	3	N11101	2.18		<2	9.64
BFCE076	10		10.00	10	1	1	3	2	3	N11101	1.23		<2	9.51

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFCE021	14	631	1	2.39	44	9	35	16	3.59	<15	1.04	20	25	1.11	552
BFCE022	<10	595	1	2.86	57	11	33	13	4.06	<15	0.84	26	24	1.31	648
BFCE023	<10	569	1	3.19	46	10	29	13	3.62	<15	0.78	18	19	1.26	686
BFCE024	<10	437	1	3.00	34	7	22	7	2.54	<15	0.49	15	12	0.90	496
BFCE025	12	601	1	2.31	50	11	32	17	3.64	<15	0.86	22	21	1.10	610
BFCE026	<10	623	1	3.12	46	9	30	7	3.70	<15	0.77	20	20	1.22	674
BFCE027	14	643	1	2.80	52	12	35	12	4.38	<15	0.93	23	29	1.33	772
BFCE028	12	626	1	2.91	48	9	31	11	3.78	<15	0.77	21	21	1.23	685
BFCE029	15	648	1	3.04	54	11	34	13	4.06	<15	1.22	27	36	1.31	711
BFCE030	38	600	1	3.13	52	10	29	15	3.78	<15	1.41	26	39	1.34	649
BFCE031	22	572	1	2.98	51	9	26	11	3.59	<15	1.30	26	31	1.17	666
BFCE032	82	569	1	4.18	40	9	29	15	3.20	<15	1.34	19	46	2.69	594
BFCE033	16	650	1	3.18	44	10	32	13	3.68	<15	1.27	19	24	1.32	633
BFCE034	16	670	1	2.72	45	11	34	12	3.95	16	1.38	22	27	1.22	693
BFCE035	<10	575	1	3.11	57	8	29	6	3.28	<15	0.97	27	14	0.98	669
BFCE036	<10	591	1	2.99	40	7	25	5	2.97	<15	1.04	18	15	0.95	570
BFCE037	36	661	1	3.67	41	9	28	12	2.93	16	1.24	20	23	1.46	561
BFCE038	14	626	1	2.59	70	10	26	16	3.72	<15	1.43	36	35	1.11	648
BFCE039	17	653	1	2.70	45	7	27	22	2.98	<15	1.41	22	26	0.98	553
BFCE040	44	643	1	6.28	35	8	30	14	2.75	<15	1.34	16	43	2.18	525
BFCE041	14	621	1	2.58	60	9	31	14	3.57	16	1.38	30	34	1.13	624
BFCE042	16	645	1	2.44	58	7	33	9	3.12	18	1.40	31	30	0.92	561
BFCE043	11	708	1	2.33	65	7	26	8	3.07	<15	1.38	33	20	0.85	681
BFCE044	17	623	1	2.81	46	7	24	9	2.73	<15	1.25	22	21	0.83	568
BFCE045	33	585	1	1.99	54	5	45	14	2.98	<15	1.60	30	37	0.98	389
BFCE046	29	540	1	3.22	58	5	28	11	2.39	<15	1.36	28	30	0.76	343
BFCE047	14	488	1	5.38	48	5	28	11	2.70	<15	1.16	23	32	0.86	328
BFCE048	30	567	1	2.32	70	4	34	11	2.56	<15	1.39	34	34	0.80	259
BFCE049	16	709	1	2.50	48	6	23	9	2.54	<15	1.52	25	22	0.76	504
BFCE050	10	753	1	2.50	86	6	18	9	3.17	<15	1.41	43	24	0.83	644
BFCE051	12	610	1	2.58	51	8	23	10	2.90	<15	1.21	25	25	0.97	495
BFCE052	13	665	1	2.58	68	7	20	8	2.05	<15	1.15	32	17	0.64	640
BFCE053	16	548	1	2.18	46	8	29	10	3.18	<15	1.30	23	21	0.88	516
BFCE054	23	626	1	4.21	39	10	41	22	3.47	<15	1.24	20	31	1.30	543
BFCE055	37	626	1	4.24	49	10	35	17	3.31	<15	1.10	23	28	1.19	539
BFCE056	22	799	1	2.39	61	8	32	13	3.32	<15	1.30	35	49	0.84	763
BFCE058	15	628	1	2.54	46	11	38	18	3.61	<15	1.28	23	32	1.27	583
BFCE059	11	665	1	3.50	41	6	26	9	2.66	<15	0.66	19	14	0.89	487
BFCE060	28	622	1	2.74	43	9	31	14	3.07	<15	1.21	22	26	1.01	548
BFCE061	35	657	1	2.69	55	9	33	15	3.50	<15	1.45	27	28	1.19	700
BFCE062	20	601	1	2.48	41	9	34	16	3.34	<15	1.31	20	29	1.11	567
BFCE063	16	655	1	2.38	49	7	28	18	2.71	<15	1.23	22	21	0.78	502
BFCE064	<10	332	<1	3.04	25	7	21	6	3.20	<15	0.32	10	11	0.92	546
BFCE065	<10	645	<1	3.29	31	15	24	10	5.23	<15	0.46	10	20	1.67	780
BFCE066	<10	178	<1	4.94	17	23	64	41	5.71	<15	0.28	6	17	2.42	998
BFCE067	<10	482	<1	4.60	44	17	44	4	6.09	16	0.91	15	17	2.27	1191
BFCE068	34	596	1	2.65	34	8	19	28	3.27	<15	1.04	16	22	0.68	531
BFCE069	<10	635	<1	3.58	49	11	31	10	4.48	<15	1.26	22	28	1.29	822
BFCE070	<10	304	<1	4.05	26	12	18	3	4.59	<15	0.52	9	12	1.58	952
BFCE071	<10	440	<1	3.10	33	11	28	6	4.28	<15	0.66	15	16	1.23	1094
BFCE072	<10	451	<1	3.25	30	10	18	8	4.58	<15	0.62	12	18	1.31	856
BFCE073	<10	293	1	3.48	15	7	14	3	2.53	<15	0.48	5	10	0.90	621
BFCE074	<10	386	<1	4.08	25	18	89	10	5.39	<15	0.72	11	19	2.48	1018
BFCE075	<10	688	<1	2.87	38	13	37	12	4.96	<15	1.04	20	22	1.56	694
BFCE076	<10	325	<1	4.48	16	20	59	12	5.47	<15	0.50	4	27	2.67	951

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFCE021	<4	1.71	9	17	722	<10	12	293	8	3946	70	20	99	17
BFCE022	<4	1.43	10	18	468	<10	13	274	12	4671	78	22	93	15
BFCE023	<4	1.89	9	12	746	<10	14	316	12	4464	72	23	98	11
BFCE024	<4	1.79	9	9	411	<10	9	383	3	3700	50	14	66	9
BFCE025	<4	1.28	8	19	804	<10	11	261	10	4010	66	18	156	19
BFCE026	<4	1.66	8	12	728	<10	12	313	13	4560	74	21	89	10
BFCE027	<4	1.51	10	18	743	<10	14	268	12	4604	84	22	110	12
BFCE028	<4	1.54	10	14	775	50	13	297	8	4265	73	21	125	11
BFCE029	<4	1.78	12	16	785	<10	12	345	14	4264	57	20	98	14
BFCE030	<4	1.88	10	18	1046	<10	11	424	15	4198	97	18	113	18
BFCE031	<4	1.89	13	13	1011	<10	11	370	7	4427	93	15	92	21
BFCE032	<4	1.48	8	14	1166	<10	10	637	9	3284	58	15	87	13
BFCE033	<4	1.99	9	14	774	72	13	354	6	3976	97	21	142	14
BFCE034	<4	1.96	9	15	734	<10	13	327	11	4342	102	22	112	16
BFCE035	<4	2.03	12	9	412	<10	12	342	14	5686	91	24	68	19
BFCE036	<4	2.11	10	11	515	<10	12	341	<2	4024	84	20	69	14
BFCE037	<4	2.00	8	18	799	<10	10	648	11	3357	88	16	73	18
BFCE038	<4	1.89	13	17	835	<10	9	370	24	4080	97	15	99	21
BFCE039	<4	2.01	11	16	936	354	9	363	13	3508	80	17	232	18
BFCE040	<4	2.03	9	19	669	<10	8	678	10	3024	80	13	89	18
BFCE041	<4	1.82	13	18	898	<10	10	360	16	4041	92	15	95	24
BFCE042	<4	1.84	12	20	1178	<10	9	349	5	4056	84	21	78	27
BFCE043	<4	1.74	15	19	525	<10	9	324	4	5500	85	22	69	28
BFCE044	<4	1.62	10	14	624	<10	8	344	24	3740	70	18	61	23
BFCE045	<4	1.41	10	20	1014	<10	9	310	7	3418	79	22	84	47
BFCE046	<4	1.31	10	18	546	<10	7	360	16	3154	69	16	59	42
BFCE047	<4	1.13	10	18	548	<10	7	420	13	2926	63	15	75	36
BFCE048	5	1.37	11	15	595	<10	7	309	17	3118	68	17	69	96
BFCE049	<4	2.14	10	19	464	<10	8	361	23	3793	73	18	68	24
BFCE050	<4	1.91	17	17	795	<10	8	424	21	6209	84	24	60	25
BFCE051	<4	1.49	9	13	343	<10	9	352	19	3881	68	19	67	19
BFCE052	<4	1.84	14	16	592	<10	8	369	17	4817	77	22	53	25
BFCE053	<4	2.00	8	22	239	<10	11	290	13	4631	83	22	71	27
BFCE054	<4	1.39	9	28	1080	13	10	326	5	3609	97	16	107	23
BFCE055	<4	1.52	10	25	1035	19	10	333	16	3581	107	16	91	21
BFCE056	<4	1.44	10	20	850	124	9	295	15	3663	87	20	83	24
BFCE058	<4	1.32	10	25	621	<10	10	264	5	3901	54	17	87	25
BFCE059	<4	1.75	9	13	554	126	10	345	3	3071	77	18	78	13
BFCE060	<4	1.57	9	15	620	<10	10	293	23	3520	80	19	81	25
BFCE061	<4	1.92	12	20	794	<10	11	350	8	4211	55	15	81	20
BFCE062	<4	1.47	8	23	573	11	10	283	10	3716	81	17	102	22
BFCE063	<4	1.83	9	15	863	<10	9	316	22	3813	72	18	103	21
BFCE001	<4	1.89	4	19	820	19	11	524	7	3438	97	12	65	4
BFCE002	<4	1.94	7	9	1737	89	12	393	<2	5136	97	8	148	<2
BFCE003	<4	1.70	5	29	1471	<10	20	387	<2	5718	172	17	110	5
BFCE004	<4	1.86	9	16	450	<10	29	246	2	5301	169	35	99	11
BFCE005	<4	2.08	6	10	581	<10	9	353	5	3224	75	16	92	12
BFCE006	<4	1.76	10	11	945	<10	15	290	8	5829	111	27	99	23
BFCE007	<4	2.03	7	8	1377	<10	17	448	<2	6691	115	20	96	4
BFCE008	<4	1.78	9	13	1167	<10	12	413	<2	7515	84	14	170	5
BFCE009	<4	1.93	7	8	945	<10	14	411	7	6596	88	17	103	3
BFCE010	<4	2.33	<4	6	378	<10	9	454	<2	2067	60	11	58	4
BFCE011	<4	1.61	6	31	732	<10	22	268	5	5592	149	26	87	10
BFCE012	<4	1.40	9	16	651	<10	15	314	10	5613	121	22	119	9
BFCE013	<4	1.47	4	22	930	<10	22	385	<2	4768	176	14	98	4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	CUND	ALK	SIZE	WIDE	S-DP	CDGR	CON1	CUN2	CON3	FURM
BFCF014	35.475	118.730	07	32980				3	1	1				6	MSZC
BFCF015	35.482	118.710	07	32980				3	1	1				6	MSZC
BFCF016	35.434	118.530	06	32880				3	1	1				8	QTRN
BFCF017	35.423	118.546	06	32880				3	1	1				8	QTRN
BFCF018	35.398	118.512	06	32880				3	1	1				3	QTRN
BFCF019	35.378	118.545	07	32880				3	1	1				8	QTRN
BFCF020	35.398	118.547	06	32880				3	1	1				8	QTRN
BFCF021	35.454	118.526	06	32880				3	1	1				8	MSZC
BFCF022	35.456	118.544	06	32880				3	1	1				8	QTRN
BFCF023	35.487	118.525	06	32880				3	1	1				8	MSZC
BFCF025	35.296	118.614	06	32980				3	1	1				8	QTRN
BFCF026	35.300	118.588	06	32980				3	1	1				8	MSZC
BFCF027	35.322	118.591	06	32980				3	1	1				8	QTRN
BFCF028	35.345	118.584	06	32980				3	1	1				8	MSZC
BFCF029	35.363	118.532	07	32980				3	1	1				8	MSZC
BFCF030	35.373	118.558	07	32980				3	1	1				6	QTRN
BFCF031	35.363	118.552	06	32980				3	1	1				8	QTRN
BFCF032	35.315	118.554	06	32880				3	1	1				8	MSZC
BFCF033	35.316	118.516	06	32980				3	1	1				8	MSZC
BFCF034	35.298	118.694	06	32980				3	1	1				8	MSZC
BFCF035	35.321	118.707	06	32980				3	1	1				3	QTRN
BFCF036	35.331	118.736	07	32980				3	1	1			3	9	QTRN
BFCG001	35.464	118.257	07	52780				3	1	1				1	MSZC
BFCG002	35.476	118.271	07	52780				3	1	1				1	MSZC
BFCG003	35.449	118.287	06	52780				3	1	1				1	QTRN
BFCG004	35.426	118.289	07	52780				3	1	1				1	MSZC
BFCG005	35.455	118.313	07	52780				3	1	1				8	MSZC
BFCG006	35.427	118.314	06	52780				3	1	1				8	MSZC
BFCG007	35.407	118.314	05	52780	12.0	175.00	0.90	3	2	2	2			8	MSZC
BFCG008	35.414	118.343	07	52780				3	1	1				8	MSZC
BFCG009	35.384	118.295	07	52780				3	1	1				8	MSZC
BFCG010	35.374	118.278	07	52780				3	1	1				1	MSZC
BFCG011	35.365	118.259	07	52780				3	1	1				1	MSZC
BFCG012	35.473	118.347	07	52780				3	1	1				8	PMPS
BFCG013	35.487	118.354	07	52780				3	1	1				1	PMPS
BFCG014	35.456	118.356	07	52780				3	1	1				1	MSZC
BFCG015	35.326	118.353	06	52880				3	1	1				1	MSZC
BFCG016	35.334	118.329	07	52880				3	1	1				8	MSZC
BFCG017	35.315	118.335	06	52880				3	1	1				8	PLCN
BFCG018	35.306	118.354	07	52880				3	1	1				8	PLCN
BFCG019	35.406	118.489	07	52780				3	1	1				8	QTRN
BFCG020	35.401	118.472	06	52780				3	1	1				8	QTRN
BFCG021	35.396	118.437	06	52780				3	1	1				8	MSZC
BFCG022	35.381	118.402	06	52780				3	1	1				8	MSZC
BFCG023	35.394	118.410	07	52780				3	1	1				8	MSZC
BFCG024	35.423	118.420	06	52780				3	1	1				8	MSZC
BFCG025	35.433	118.398	07	52780				3	1	1				8	MSZC
BFCG026	35.460	118.384	07	52780				3	1	1				8	MSZC
BFCG027	35.480	118.391	07	52780				3	1	1				8	MSZC
BFCG028	35.481	118.421	06	52780				3	1	1				8	MSZC
BFCG029	35.479	118.460	07	52780				3	1	1				8	MSZC
BFCG030	35.453	118.462	06	52780				3	1	1				8	MSZC
BFCG031	35.433	118.473	07	52780				3	1	1				8	MSZC
BFCG032	35.431	118.495	06	52780				3	1	1				9	QTRN
BFCG033	35.350	118.384	06	52880				3	1	1				8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFCF014	10		30.00	04	1	1	4	4	2	N11101	3.76		<2	7.97
BFCF015	10		15.00	04	1	1	4	4	2	N11101	2.44		<2	8.09
BFCF016	10		30.00	10	1	1	1	4	2	N11101	2.92		<2	8.52
BFCF017	10		30.00	10	1	1	3	2	1	N11101	1.60		<2	9.20
BFCF018	10		15.00	10	1	1	2	2	3	N11101	2.89		<2	8.83
BFCF019	10		25.00	10	1	1	3	2	3	N11101	1.39		<2	8.10
BFCF020	10		20.00	10	1	1	1	4	2	N11101	2.03		<2	8.51
BFCF021	10		60.00	04	1	1	3	2	3	N11101	6.91		<2	9.68
BFCF022	10		30.00	10	1	1	3	2	3	N11101	2.53		<2	9.81
BFCF023	10		40.00	04	1	1	3	2	3	N11101	3.47		<2	9.86
BFCF025	10		30.00	10	1	1	3	4	2	N11101	2.67		<2	8.54
BFCF026	10		40.00	04	1	1	4	4	2	N11101	3.18		<2	8.25
BFCF027	10		25.00	10	1	1	3	4	2	N11101	1.72		<2	8.41
BFCF028	10		50.00	04	1	1	4	4	2	N11101	2.45		<2	8.23
BFCF029	10		25.00	04	1	1	4	4	2	N11101	2.14		<2	8.86
BFCF030	10		40.00	10	1	1	3	4	2	N11101	1.84		<2	9.62
BFCF031	10		20.00	10	1	1	2	4	2	N11101	2.66		<2	8.81
BFCF032	10		20.00	04	1	1	4	4	2	N11101	3.29		<2	8.40
BFCF033	10		45.00	04	1	1	4	4	2	N11101	2.90		<2	7.21
BFCF034	10		10.00	04	1	1	4	4	2	N11101	0.86		<2	10.48
BFCF035	10		25.00	10	1	1	2	4	2	N11101	1.73		<2	10.39
BFCF036	10		20.00	10	1	1	2	4	2	N11101	24.81		<2	4.42
BFCG001	10		30.00	04	1	1	3	2	2	N11101	2.66		<2	9.13
BFCG002	10		32.00	04	1	1	3	2	2	N11101	2.85		<2	8.21
BFCG003	10		52.00	10	1	1	3	2	2	N11101	3.34		<2	9.34
BFCG004	10		44.00	04	1	1	3	2	2	N11101	3.66		<2	9.67
BFCG005	10		49.00	04	1	1	3	2	2	N11101	5.47		<2	9.54
BFCG006	10		48.00	04	1	1	3	2	2	N11101	4.16		<2	9.63
BFCG007	10	8.0	50.00	04	3	2	3	2	2	N11101	4.91		<2	10.03
BFCG008	10		50.00	04	1	1	3	2	2	N11101	4.67		<2	9.48
BFCG009	10		49.00	04	1	1	3	2	2	N11101	2.60		<2	10.36
BFCG010	10		44.00	04	1	1	3	2	2	N11101	1.80		<2	10.40
BFCG011	10		40.00	04	1	1	3	2	2	N11101	1.49		<2	10.47
BFCG012	10		50.00	05	1	1	3	2	2	N11101	1.51		<2	8.47
BFCG013	10		52.00	05	1	1	3	2	2	N11101	3.24		<2	9.27
BFCG014	10		60.00	04	1	1	3	2	2	N11101	2.39		<2	10.06
BFCG015	10		48.00	04	1	1	2	4	2	N11101	2.54		<2	7.65
BFCG016	10		36.00	04	1	1	3	2	2	N11101	4.10		<2	7.63
BFCG017	10		44.00	03	1	1	3	2	2	N11101	5.40		<2	6.45
BFCG018	10		46.00	03	1	1	2	4	2	N11101	4.33		<2	7.69
BFCG019	10		20.00	10	1	1	1	3	2	N11101	2.14		<2	8.30
BFCG020	10		20.00	10	1	1	2	3	2	N11101	2.57		<2	8.43
BFCG021	10		22.00	04	1	1	2	3	2	N11101	1.71		<2	9.75
BFCG022	10		25.00	04	1	1	2	3	2	N11101	1.62		<2	8.23
BFCG023	10		22.00	04	1	1	3	3	2	N11101	1.49		<2	9.19
BFCG024	10		32.00	04	1	1	3	2	3	N11101	2.32		<2	9.85
BFCG025	10		30.00	04	1	1	3	4	3	N11101	2.77		<2	10.59
BFCG026	10		22.00	05	1	1	2	4	3	N11101	1.32		<2	9.80
BFCG027	10		15.00	04	1	1	3	2	3	N11101	1.25		<2	9.57
BFCG028	10		40.00	04	1	1	3	2	3	N11101	3.98		<2	9.94
BFCG029	10		40.00	04	1	1	3	2	3	N11101	6.71		<2	10.04
BFCG030	10		35.00	04	1	1	3	2	3	N11101	5.25		<2	10.01
BFCG031	10		40.00	04	1	1	2	3	2	N11101	2.08		<2	9.44
BFCG032	10		40.00	10	1	1	2	3	2	N11101	1.95		<2	8.83
BFCG033	10		40.00	10	1	1	3	3	2	N11101	2.51		<2	7.94

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFCF014	<10	433	<1	3.13	42	16	49	15	5.80	<15	0.91	22	23	1.82	864
BFCF015	<10	459	<1	3.63	37	16	57	26	5.21	<15	0.77	16	23	1.92	881
BFCF016	<10	487	<1	3.93	33	14	47	7	4.76	<15	1.08	12	21	1.71	938
BFCF017	<10	533	<1	4.12	45	17	38	13	5.76	<15	1.10	20	26	1.97	1084
BFCF018	<10	487	<1	3.99	61	16	20	7	6.37	<15	1.27	23	31	1.86	1266
BFCF019	<10	323	<1	4.87	27	17	85	6	5.55	<15	0.64	8	14	2.39	1126
BFCF020	<10	584	1	3.32	55	17	31	14	6.08	<15	1.46	23	32	1.71	1339
BFCF021	11	597	2	1.96	106	18	38	60	5.87	<15	2.02	60	72	1.34	1067
BFCF022	<10	503	1	4.04	42	16	45	13	5.20	<15	1.28	19	35	1.84	867
BFCF023	12	556	1	3.04	38	15	29	14	4.93	17	1.52	17	43	1.42	1096
BFCF025	12	665	1	3.63	62	11	36	14	4.45	<15	1.42	28	33	1.28	818
BFCF026	14	642	1	3.50	58	20	57	23	6.26	<15	1.34	24	31	1.77	1275
BFCF027	10	467	<1	3.14	41	17	39	23	5.84	<15	1.20	16	32	1.71	1154
BFCF028	<10	485	1	4.44	49	23	44	10	7.55	<15	1.36	18	27	2.41	1578
BFCF029	<10	548	1	2.87	56	21	44	19	7.88	<15	1.90	25	41	2.02	1331
BFCF030	<10	770	1	1.93	54	17	48	25	5.23	<15	1.74	25	47	1.21	1007
BFCF031	<10	610	1	3.07	45	19	51	18	7.00	<15	1.93	21	40	2.02	1253
BFCF032	15	528	1	4.85	51	20	49	19	6.37	<15	1.32	21	27	2.06	1358
BFCF033	40	844	1	7.55	41	14	50	56	5.02	<15	1.43	19	46	1.47	940
BFCF034	<10	470	1	3.60	24	5	16	6	2.76	<15	0.62	10	15	0.84	674
BFCF035	14	619	1	2.83	37	6	15	13	2.42	<15	1.07	16	24	0.65	445
BFCF036	16	358	1	14.65	30	6	93	19	2.09	<15	0.61	33	18	0.70	423
BFCG001	<10	503	2	4.12	84	14	12	10	6.58	<15	1.04	23	22	1.48	1309
BFCG002	<10	493	2	4.05	75	16	34	10	6.01	15	1.02	32	22	1.75	1202
BFCG003	<10	698	2	3.30	59	5	10	4	2.85	<15	1.07	28	20	0.69	494
BFCG004	<10	593	2	2.56	93	7	12	8	3.74	<15	1.20	53	30	0.75	776
BFCG005	<10	576	2	2.67	81	8	15	8	4.00	<15	1.43	40	45	0.98	596
BFCG006	<10	757	2	2.95	73	5	6	3	2.88	<15	1.14	40	37	0.58	494
BFCG007	<10	637	2	2.97	65	4	6	3	2.52	16	1.09	34	31	0.55	479
BFCG008	<10	682	2	2.81	68	4	7	4	2.81	<15	1.24	34	30	0.60	474
BFCG009	13	465	3	2.18	89	6	12	8	3.25	<15	1.36	48	33	0.62	749
BFCG010	<10	401	3	2.42	75	4	7	4	2.80	<15	1.19	41	28	0.53	449
BFCG011	<10	400	3	2.31	73	4	6	4	2.59	<15	1.30	39	31	0.48	407
BFCG012	12	873	2	0.74	57	6	38	17	3.88	<15	2.07	37	42	0.50	592
BFCG013	13	694	3	2.87	80	7	19	8	3.84	<15	1.43	40	40	1.03	679
BFCG014	15	598	3	2.20	72	7	16	5	3.24	<15	1.42	38	30	0.75	623
BFCG015	14	629	2	2.65	82	14	42	14	6.31	<15	1.51	33	59	1.52	879
BFCG016	28	663	2	3.50	78	11	42	14	4.69	<15	1.69	36	56	1.35	792
BFCG017	21	663	1	4.46	215	8	42	10	5.36	<15	1.21	101	23	0.93	1333
BFCG018	16	596	2	2.32	90	11	33	14	5.49	<15	1.50	47	63	1.27	781
BFCG019	10	511	1	3.44	58	9	23	9	3.91	<15	1.03	24	20	0.96	804
BFCG020	11	474	1	3.57	53	15	37	12	5.35	<15	1.19	23	35	1.63	1042
BFCG021	<10	482	1	4.34	57	10	11	11	4.96	<15	0.89	22	23	1.29	923
BFCG022	<10	546	1	4.07	58	10	10	5	4.91	<15	0.94	22	21	1.17	847
BFCG023	10	749	1	3.02	49	10	11	8	4.95	<15	1.06	22	28	1.13	674
BFCG024	<10	585	2	4.04	49	8	9	11	3.50	<15	0.69	23	20	0.86	590
BFCG025	13	660	2	2.62	66	7	12	7	3.40	<15	1.37	35	26	0.73	571
BFCG026	<10	410	1	2.36	55	16	50	23	5.93	<15	1.07	22	39	1.28	1167
BFCG027	<10	357	1	4.17	39	17	64	18	6.06	<15	0.64	15	28	1.98	1043
BFCG028	11	613	2	2.60	51	10	24	11	3.69	<15	1.26	26	44	1.06	654
BFCG029	21	603	2	2.54	50	8	11	10	3.74	<15	1.29	26	57	0.94	855
BFCG030	<10	567	2	3.20	50	8	22	7	3.47	<15	1.02	22	34	0.85	480
BFCG031	15	695	2	2.62	41	7	20	12	3.07	<15	1.39	21	28	0.76	749
BFCG032	18	579	2	2.37	53	10	30	14	3.62	<15	1.44	26	46	0.97	708
BFCG033	18	709	2	1.64	71	7	21	11	3.59	<15	1.83	37	49	0.71	646

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE EAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFCF014	<4	1.53	12	23	762	<10	14	319	15	5954	153	18	89	28
BFCF015	<4	1.64	9	24	1336	<10	16	329	8	6389	142	19	122	10
BFCF016	<4	1.91	10	13	661	<10	22	279	14	4980	128	28	91	24
BFCF017	<4	1.82	7	10	958	<10	24	275	10	5397	158	30	150	7
BFCF018	<4	1.75	13	9	747	<10	28	220	11	6130	173	47	134	31
BFCF019	<4	1.65	6	21	802	<10	26	283	4	5957	179	27	94	0
BFCF020	<4	1.74	9	11	771	12	21	211	5	5821	157	35	123	22
BFCF021	<4	1.39	15	35	1198	12	12	278	24	5808	113	22	151	21
BFCF022	<4	2.18	8	12	459	<10	20	273	6	5343	142	23	87	18
BFCF023	<4	2.41	7	9	594	<10	16	244	7	4578	127	25	93	20
BFCF025	<4	2.29	12	12	1076	10	15	312	8	5607	110	27	92	23
BFCF026	<4	1.96	10	15	999	65	22	248	7	6148	178	30	166	19
BFCF027	<4	2.10	7	15	1130	57	18	270	8	5505	153	25	123	13
BFCF028	<4	1.79	9	10	413	<10	32	197	3	6386	226	43	116	19
BFCF029	<4	1.22	9	12	799	<10	28	174	6	6962	229	35	133	21
BFCF030	<4	1.50	8	25	823	75	14	220	6	5601	139	15	117	18
BFCF031	<4	1.49	9	17	842	21	24	191	<2	6883	204	30	155	21
BFCF032	<4	1.86	9	11	796	<10	23	236	2	5537	178	31	106	18
BFCF033	<4	1.24	10	32	1141	<10	16	336	6	4689	134	22	148	11
BFCF034	<4	3.25	4	6	831	<10	9	471	3	5554	73	14	54	6
BFCF035	<4	3.18	7	7	921	10	6	465	6	2571	45	12	65	11
BFCG036	<4	1.25	11	16	46871	27	6	400	<2	2354	120	32	165	11
BFCG001	<4	2.03	25	6	1710	<10	20	429	6	9828	137	37	125	31
BFCG002	<4	1.82	21	8	1820	14	19	406	14	7685	137	34	116	27
BFCG003	<4	2.38	16	4	1072	26	7	596	9	4303	47	14	103	11
BFCG004	<4	2.05	17	6	1350	13	8	440	14	4644	54	16	136	20
BFCG005	<4	2.13	15	6	1266	14	9	463	11	5360	65	15	141	11
BFCG006	<4	2.47	14	4	1152	16	6	573	12	4182	25	11	106	14
BFCG007	<4	2.71	15	2	1010	13	6	591	14	4360	36	14	103	13
BFCG008	<4	2.62	14	5	1526	19	6	577	15	4183	40	13	106	17
BFCG009	<4	2.52	13	8	1114	19	7	390	21	3730	48	15	117	19
BFCG010	<4	2.63	11	4	777	12	6	409	17	3096	39	16	90	9
BFCG011	<4	2.99	10	2	682	15	6	408	22	2863	26	15	93	9
BFCG012	<4	1.52	15	17	566	17	12	346	5	4071	50	26	98	19
BFCG013	<4	1.95	22	9	1223	10	9	428	7	6030	75	30	122	29
BFCG014	<4	1.97	15	7	820	26	8	380	23	4228	53	18	106	13
BFCG015	<4	1.14	17	11	2046	<10	15	334	8	7969	134	27	167	14
BFCG016	<4	1.31	18	16	1735	13	12	317	7	6181	102	22	129	18
BFCG017	<4	1.22	32	12	2376	16	18	278	10	9760	85	64	86	32
BFCG018	<4	1.19	15	12	1819	12	12	306	14	6004	100	17	165	15
BFCG019	<4	1.89	15	10	1120	15	13	418	6	6133	92	21	95	17
BFCG020	<4	1.75	10	10	707	15	22	249	15	4749	139	30	103	15
BFCG021	<4	2.09	13	4	2265	17	15	519	3	6590	116	15	124	12
BFCG022	<4	1.81	10	5	2113	18	14	522	4	6354	113	19	127	12
BFCG023	<4	1.61	8	9	1246	20	10	462	5	5069	101	12	132	9
BFCG024	<4	2.27	9	7	1564	16	10	605	6	4328	78	12	96	8
BFCG025	<4	2.39	12	7	822	<10	8	447	10	4423	68	15	112	16
BFCG026	<4	1.07	11	21	1544	12	16	235	7	6090	102	24	118	11
BFCG027	<4	1.75	13	13	903	<10	21	331	<2	7403	147	23	101	13
BFCG028	<4	1.79	11	13	1052	15	9	389	5	5074	82	15	103	16
BFCG029	<4	1.98	8	5	1477	<10	8	444	10	4403	72	11	123	11
BFCG030	<4	2.26	10	6	1074	12	8	518	5	3760	68	9	107	8
BFCG031	<4	2.16	10	10	739	11	8	454	7	4139	63	12	107	17
BFCG032	<4	1.87	13	17	542	19	10	377	4	4981	82	14	100	15
BFCG033	<4	1.75	12	11	752	16	9	212	7	3484	61	23	115	24

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	ODCR	CON1	CON2	CON3	FORM
BFCG034	35.320	118.392	06	52880				3	1	1				8	QTRN
BFCG035	35.324	118.420	06	52880				3	1	1				9	QTRN
BFCG036	35.299	118.433	06	52880				3	1	1				8	TRTR
BFCG037	35.273	118.424	06	52880				3	1	1				8	QTRN
BFCG038	35.306	118.489	07	52880				3	1	1				8	MSZC
BFCG039	35.301	118.470	06	52880				3	1	1				8	MSZC
BFCH001	35.311	118.023	07	33180				3	1	1				1	QTRN
BFCH003	35.310	118.093	07	33180				3	1	1				1	QTRN
BFCH004	35.322	118.111	06	33180				3	1	1				2	QTRN
BFCH005	35.290	118.013	07	33180				3	1	1				1	QTRN
BFCH006	35.256	118.021	07	33180				3	1	1				7	QTRN
BFCH007	35.251	118.041	07	33180				3	1	1				1	QTRN
BFCH008	35.332	118.021	07	40180				3	1	1				2	QTRN
BFCH009	35.345	118.034	07	40180				3	1	1				2	QTRN
BFCH010	35.358	118.042	07	40180				3	1	1				2	QTRN
BFCH011	35.324	118.044	07	40180				3	1	1				2	QTRN
BFCH012	35.319	118.083	07	40180				3	1	1				2	QTRN
BFCH013	35.340	118.080	07	40180				3	1	1				2	QTRN
BFCH014	35.352	118.101	06	40180				3	1	1				2	QTRN
BFCH015	35.332	118.107	07	40180				3	1	1				2	QTRN
BFCH016	35.347	118.112	07	40180				3	1	1				2	QTRN
BFCH017	35.363	118.112	06	40180				3	1	1				2	QTRN
BFCH018	35.373	118.116	07	40180				3	1	1				2	QTRN
BFCH019	35.293	118.124	06	40180				2	1	1				8	QTRN
BFCH020	35.289	118.101	07	40180				3	1	1				5	QTRN
BFCH021	35.300	118.052	06	40180				3	1	1				2	QTRN
BFCH022	35.285	118.066	06	40180				3	1	1				2	QTRN
BFCH023	35.269	118.049	06	40180				3	1	1				2	QTRN
BFCH024	35.303	118.131	06	40280				3	1	1				2	QTRN
BFCH025	35.293	118.153	06	40280				3	1	1				2	QTRN
BFCH026	35.278	118.177	06	40280				3	1	1				2	QTRN
BFCH027	35.265	118.191	06	40280				3	1	1				2	QTRN
BFCH028	35.374	118.136	07	40280				3	1	1				2	QTRN
BFCH029	35.367	118.148	07	40280				3	1	1				2	QTRN
BFCH030	35.373	118.163	07	40280				3	1	1				2	QTRN
BFCH031	35.384	118.186	07	40280				3	1	1				2	QTRN
BFCH032	35.377	118.218	07	40280				3	1	1				2	QTRN
BFCH033	35.363	118.204	07	40280				3	1	1				2	QTRN
BFCH034	35.357	118.217	07	40280				3	1	1				8	QTRN
BFCH035	35.340	118.237	07	40280				3	1	1				8	QTRN
BFCH036	35.327	118.225	07	40280				3	1	1				8	QTRN
BFCH037	35.306	118.244	07	40280				3	1	1				8	QTRN
BFCH038	35.328	118.202	06	40280				3	1	1				8	QTRN
BFCH039	35.332	118.184	06	40280				3	1	1				8	QTRN
BFCH040	35.304	118.216	07	40280				3	1	1				8	QTRN
BFCH041	35.302	118.191	06	40280				3	1	1				8	QTRN
BFCH042	35.289	118.199	06	40280				3	1	1				8	QTRN
BFCH043	35.397	118.183	07	40380				3	1	1				8	QTRN
BFCH044	35.398	118.220	07	40380				3	1	1				2	QTRN
BFCH045	35.400	118.241	07	40380				3	1	1				8	QTRN
BFCH046	35.420	118.227	06	40380				3	1	1				2	QTRN
BFCH047	35.429	118.242	07	40380				3	1	1				8	QTRN
BFCH048	35.443	118.229	07	40380				3	1	1				2	QTRN
BFCH049	35.459	118.214	07	40380				3	1	1				1	QTRN
BFCH050	35.446	118.189	06	40380				3	1	1				2	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFCG034	10		40.00	10	1	1	1	3	2	N11101	3.45		<2	8.03
BFCG035	10		35.00	10	1	1	1	3	2	N11101	2.27		<2	8.11
BFCG036	10		40.00	02	1	1	2	3	2	N11101	2.10		<2	8.36
BFCG037	10		40.00	10	1	1	2	3	2	N11101	1.66		<2	7.71
BFCG038	10		25.00	04	1	1	4	2	2	N11101	2.60		<2	6.46
BFCG039	10		40.00	04	1	1	3	2	3	N11101	2.54		<2	8.53
BFCH001	10		40.00	10	1	1	3	3	2	N11101	2.59		<2	8.04
BFCH003	10		34.00	10	1	1	3	3	2	N11101	3.68		<2	7.59
BFCH004	10		40.00	10	1	1	3	3	1	N11101	2.25		<2	3.35
BFCH005	10		44.00	10	1	1	2	3	1	N11101	3.49		<2	7.34
BFCH006	10		40.00	10	1	1	1	3	1	N11101	2.66		<2	7.57
BFCH007	10		39.00	10	1	1	1	3	1	N11101	3.72		<2	7.60
BFCH008	10		42.00	10	1	1	2	3	1	N11101	2.64		<2	8.63
BFCH009	10		66.00	10	1	1	3	3	1	N11101	6.57		<2	7.92
BFCH010	10		42.00	10	1	1	2	3	1	N11101	13.33		<2	7.27
BFCH011	10		48.00	10	1	1	3	3	1	N11101	2.73		<2	8.10
BFCH012	10		46.00	10	1	1	3	3	1	N11101	3.26		<2	7.16
BFCH013	10		88.00	10	1	1	3	3	1	N11101	10.27		<2	3.20
BFCH014	10		54.00	10	1	1	3	2	1	N11101	5.86		<2	8.41
BFCH015	10		30.00	10	1	1	2	2	1	N11101	2.69		<2	7.44
BFCH016	10		32.00	10	1	1	3	3	1	N11101	2.32		<2	3.83
BFCH017	10		38.00	10	1	1	3	3	1	N11101	5.22		<2	8.51
BFCH018	10		46.00	10	1	1	3	3	1	N11101	4.53		<2	8.70
BFCH019	10		50.00	10	1	1	2	3	2	N11101	3.38		<2	7.85
BFCH020	10		44.00	10	1	1	3	3	1	N11101	2.39		<2	7.45
BFCH021	10		44.00	10	1	1	3	3	1	N11101	2.58		<2	8.23
BFCH022	10		44.00	10	1	1	3	3	1	N11101	4.00		<2	7.84
BFCH023	10		48.00	10	1	1	4	3	1	N11101	2.82		<2	8.09
BFCH024	10		44.00	10	1	1	3	3	1	N11101	1.84		<2	8.37
BFCH025	10		48.00	10	1	1	3	3	1	N11101	3.32		<2	8.27
BFCH026	10		40.00	10	1	1	3	3	1	N11101	2.24		<2	8.55
BFCH027	10		50.00	10	1	1	3	3	1	N11101	2.80		<2	7.86
BFCH028	10		30.00	10	1	1	3	3	1	N11101	3.09		<2	8.74
BFCH029	10		30.00	10	1	1	3	2	1	N11101	2.20		<2	9.12
BFCH030	10		34.00	10	1	1	3	3	1	N11101	1.81		<2	9.41
BFCH031	10		36.00	10	1	1	3	3	1	N11101	2.01		<2	9.20
BFCH032	10		39.00	10	1	1	3	3	1	N11101	3.32		<2	9.27
BFCH033	10		38.00	10	1	1	3	2	1	N11101	4.71		<2	7.05
BFCH034	10		34.00	10	1	1	3	3	1	N11101	3.00		<2	7.92
BFCH035	10		40.00	10	1	1	3	3	1	N11101	4.06		<2	3.70
BFCH036	10		34.00	10	1	1	3	3	1	N11101	2.68		<2	8.46
BFCH037	10		36.00	10	1	1	3	3	1	N11101	3.01		<2	8.18
BFCH038	10		30.00	10	1	1	3	3	1	N11101	2.39		<2	8.29
BFCH039	10		32.00	10	1	1	3	3	1	N11101	3.10		<2	8.27
BFCH040	10		40.00	10	1	1	3	3	1	N11101	2.57		<2	8.10
BFCH041	10		56.00	10	1	1	3	3	1	N11101	2.01		<2	8.44
BFCH042	10		60.00	10	1	1	3	2	1	N11101	1.69		<2	8.39
BFCH043	10		<0.0	10	1	1	3	3	1	N11101	2.12		<2	8.95
BFCH044	10		<0.0	10	1	1	3	3	1	N11101	2.17		<2	9.36
BFCH045	10		<0.0	10	1	1	3	3	1	N11101	5.90		<2	8.21
BFCH046	10		<0.0	10	1	1	3	3	1	N11101	3.33		<2	9.40
BFCH047	10		<0.0	10	1	1	3	3	1	N11101	3.59		<2	8.95
BFCH048	10		<0.0	10	1	1	3	3	1	N11101	3.38		<2	8.87
BFCH049	10		<0.0	10	1	1	3	3	1	N11101	3.42		<2	8.59
BFCH050	10		<0.0	10	1	1	3	3	1	N11101	2.76		<2	8.92

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFCG034	30	670	2	1.76	97	8	13	10	3.58	<15	1.63	45	47	0.59	623
BFCG035	10	587	1	3.21	65	14	25	11	5.32	<15	1.33	26	39	1.43	907
BFCG036	26	827	2	1.05	67	10	26	10	3.85	<15	1.65	34	36	0.75	554
BFCG037	19	810	1	2.18	74	12	37	12	4.69	<15	1.48	36	37	1.21	708
BFCG038	78	578	1	4.66	49	20	30	23	6.35	<15	1.17	18	41	2.60	985
BFCG039	36	611	2	1.31	103	10	19	8	4.73	<15	1.74	54	49	0.73	930
BFCM001	22	725	2	1.87	78	8	23	18	3.41	<15	1.66	35	32	0.78	611
BFCM003	21	682	2	2.23	79	9	26	11	3.74	<15	1.51	37	29	0.84	598
BFCM004	19	775	2	2.84	96	10	15	8	4.53	<15	1.50	46	39	1.18	791
BFCM005	50	954	2	1.44	61	5	10	7	2.36	<15	2.36	31	39	0.33	482
BFCM006	18	773	2	2.31	71	6	25	9	2.59	<15	1.73	32	25	0.61	407
BFCM007	16	767	2	2.26	79	7	31	12	3.63	<15	1.71	37	29	0.70	505
BFCM008	21	738	2	2.32	84	4	9	5	2.13	<15	1.39	45	18	0.32	425
BFCM009	13	914	3	1.03	70	5	15	10	2.55	<15	2.18	34	21	0.44	489
BFCM010	<10	613	2	2.47	310	<4	13	10	5.20	<15	1.50	135	13	0.37	524
BFCM011	24	813	3	1.48	127	6	11	9	3.51	<15	1.94	60	64	0.81	683
BFCM012	22	496	3	1.61	109	6	15	12	3.06	<15	1.82	51	25	0.62	585
BFCM013	<10	344	5	0.65	81	<4	6	8	1.66	<15	2.62	35	16	0.24	563
BFCM014	10	757	2	2.26	180	8	9	14	4.84	<15	1.77	82	37	0.89	745
BFCM015	15	666	2	1.75	70	7	20	11	3.13	<15	1.54	34	29	0.69	567
BFCM016	<10	682	2	3.43	111	13	25	10	5.62	<15	1.36	48	36	1.49	1004
BFCM017	<10	755	2	3.33	124	10	19	7	4.49	<15	1.37	52	21	0.93	791
BFCM018	<10	905	2	2.71	142	6	9	7	3.93	<15	1.39	63	15	0.55	532
BFCM019	24	606	2	1.85	97	8	21	7	4.54	<15	1.71	47	31	0.66	514
BFCM020	49	585	2	1.58	59	6	17	5	2.39	<15	2.13	30	37	0.34	439
BFCM021	29	1018	3	1.26	109	4	5	9	2.58	<15	2.17	52	45	0.47	502
BFCM022	22	1087	3	1.22	125	<4	6	6	2.86	<15	2.20	57	34	0.37	434
BFCM023	33	1080	2	2.10	89	4	5	20	2.16	<15	2.21	44	17	0.41	507
BFCM024	10	689	2	2.85	74	9	24	11	4.03	<15	1.42	36	31	1.05	683
BFCM025	19	723	2	2.02	124	9	22	10	4.63	<15	1.50	63	30	0.68	644
BFCM026	15	825	2	1.82	77	6	14	7	2.58	<15	1.78	38	27	0.50	397
BFCM027	14	807	2	1.73	162	5	18	7	3.07	<15	1.40	86	17	0.38	413
BFCM028	11	699	2	3.56	117	13	17	9	5.37	<15	1.04	53	19	1.12	998
BFCM029	13	1091	2	2.44	145	6	6	3	4.14	<15	1.31	69	31	0.64	612
BFCM030	<10	856	2	2.44	120	4	4	2	2.63	<15	1.66	65	11	0.47	528
BFCM031	<10	887	2	2.54	83	4	6	7	2.71	<15	1.49	39	17	0.47	575
BFCM032	11	644	2	3.31	86	9	10	7	4.49	<15	1.33	39	30	0.99	802
BFCM033	16	1562	2	2.55	111	15	78	59	5.14	<15	1.69	52	28	1.53	1080
BFCM034	10	570	2	3.24	90	19	149	27	5.61	<15	1.59	40	37	1.91	868
BFCM035	14	665	2	3.41	73	9	24	8	4.37	<15	1.27	32	32	1.15	713
BFCM036	<10	826	2	3.40	110	12	43	9	4.90	16	1.50	46	28	1.20	816
BFCM037	<10	813	2	3.37	119	13	43	9	4.66	<15	1.37	48	24	1.14	794
BFCM038	11	699	2	3.21	88	13	66	15	4.92	<15	1.38	39	30	1.34	848
BFCM039	<10	708	2	2.99	90	13	61	14	4.53	<15	1.29	40	30	1.29	772
BFCM040	23	626	2	2.35	112	14	64	25	5.40	<15	1.40	45	36	1.25	1026
BFCM041	<10	877	2	1.35	179	8	30	13	3.81	<15	1.70	90	18	0.51	958
BFCM042	<10	871	2	1.38	185	7	31	12	3.93	<15	1.65	98	17	0.52	992
BFCM043	15	801	2	3.41	89	<4	5	7	2.29	<15	1.01	41	12	0.49	537
BFCM044	<10	774	2	3.38	78	<4	6	6	2.36	<15	0.93	33	10	0.52	544
BFCM045	<10	608	1	3.84	107	4	8	6	5.48	<15	0.93	46	11	1.00	1597
BFCM046	<10	747	2	3.69	60	<4	4	4	2.18	<15	0.89	24	6	0.54	459
BFCM047	10	758	2	3.43	65	6	6	8	3.64	<15	1.17	30	25	0.85	647
BFCM048	<10	557	2	3.79	71	13	20	10	4.86	<15	0.96	28	19	1.29	934
BFCM049	<10	472	3	2.71	116	9	8	6	5.34	<15	1.19	47	32	0.85	974
BFCM050	<10	1032	2	3.77	107	7	8	7	4.59	<15	1.14	45	22	1.02	709

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PD	SC	SR	TH	TI	V	Y	ZN	ZR
BFCG034	<4	1.87	14	7	1350	12	6	343	18	3895	54	16	118	20
BFCG035	<4	1.65	12	8	1433	<10	17	319	11	5902	122	25	126	18
BFCG036	<4	1.49	10	10	815	17	8	248	2	4689	74	14	107	18
BFCG037	<4	1.36	14	14	1731	25	10	354	12	5833	94	17	147	9
BFCG038	<4	0.96	9	12	1141	11	25	284	4	5856	186	27	117	14
BFCG039	<4	1.79	11	9	1060	17	15	167	14	3654	82	22	123	15
BFCH001	<4	2.02	17	16	951	14	7	371	13	4468	67	17	98	28
BFCH003	<4	1.97	19	13	1139	32	8	354	27	5365	86	20	80	32
BFCH004	<4	2.10	22	6	1535	<10	10	457	9	5991	96	23	113	15
BFCH005	<4	1.48	15	6	568	30	4	301	11	2647	31	12	74	31
BFCH006	<4	2.20	15	7	841	23	6	390	13	3975	61	14	93	28
BFCH007	<4	2.10	17	12	858	118	7	358	15	4627	84	16	89	33
BFCH008	<4	2.57	15	5	814	<10	4	540	7	4459	39	15	43	27
BFCH009	<4	2.22	21	7	480	<10	6	156	14	3057	45	22	61	97
BFCH010	<4	2.12	68	5	1048	<10	6	400	72	12014	111	74	85	235
BFCH011	<4	1.97	22	5	832	28	7	256	22	3912	57	16	127	16
BFCH012	<4	1.75	25	8	665	48	5	235	13	3617	61	26	101	130
BFCH013	<4	2.82	36	3	295	19	4	96	40	1251	17	34	77	71
BFCH014	<4	2.14	38	3	1718	10	8	438	19	7280	52	33	134	25
BFCH015	<4	1.95	15	10	895	24	6	350	10	4041	62	14	85	26
BFCH016	<4	1.95	31	9	2019	18	16	499	11	8101	142	33	129	12
BFCH017	<4	2.27	34	7	1728	21	11	569	19	8638	112	35	87	21
BFCH018	<4	2.37	35	5	1611	12	8	622	19	7201	70	36	76	20
BFCH019	<4	2.39	19	7	1095	19	6	302	26	4545	95	15	34	20
BFCH020	<4	2.00	14	8	628	24	4	311	12	2743	36	10	75	23
BFCH021	<4	2.26	19	2	626	22	4	309	19	3247	38	13	110	11
BFCH022	<4	2.28	19	3	571	18	4	308	56	2727	42	14	75	16
BFCH023	5	1.91	14	3	555	64	4	329	16	2047	33	5	131	7
BFCH024	<4	2.24	16	1	1340	<10	10	425	6	5023	50	20	94	13
BFCH025	<4	2.10	24	8	1122	15	8	315	19	6546	111	21	91	33
BFCH026	<4	2.72	16	4	893	<10	5	364	10	3782	47	13	73	20
BFCH027	<4	2.22	25	3	778	14	5	354	22	5776	64	16	58	36
BFCH028	<4	2.46	31	9	1606	<10	13	623	3	9060	135	37	87	19
BFCH029	<4	2.53	31	4	2360	11	7	614	5	9128	52	28	156	16
BFCH030	<4	2.87	14	3	661	11	7	482	<2	3710	41	16	67	11
BFCH031	<4	2.68	23	2	1018	17	7	527	6	5177	40	24	90	19
BFCH032	<4	2.39	22	2	1762	13	11	520	10	6123	78	28	162	15
BFCH033	<4	0.98	32	67	2054	15	14	234	14	3785	183	35	140	24
BFCH034	<4	1.64	29	67	1350	14	14	485	5	9640	140	27	115	24
BFCH035	<4	2.08	21	8	1633	20	10	522	6	5198	82	23	133	17
BFCH036	<4	1.75	22	9	1420	15	15	544	5	7624	125	32	110	14
BFCH037	<4	1.63	24	9	1341	17	15	541	9	7469	122	34	104	15
BFCH038	<4	1.71	20	19	1955	10	15	386	3	6582	117	20	113	20
BFCH039	<4	1.69	19	20	1592	11	14	375	9	6001	109	27	104	17
BFCH040	<4	1.54	30	26	2013	24	15	377	14	7047	137	41	134	10
BFCH041	<4	2.35	22	1	733	21	14	292	11	5376	69	20	76	10
BFCH042	<4	2.28	22	3	743	<10	14	289	11	5533	70	22	78	10
BFCH043	<4	2.63	23	3	1514	<10	6	708	9	5780	42	25	83	16
BFCH044	<4	2.80	25	2	889	17	8	680	2	6950	50	26	62	21
BFCH045	<4	2.30	54	2	1026	<10	15	490	15	21247	107	43	121	125
BFCH046	<4	2.73	22	<2	691	<10	8	701	5	5415	51	24	59	16
BFCH047	<4	2.43	15	5	1813	19	8	616	7	5293	59	17	140	15
BFCH048	<4	2.17	26	6	1001	<10	15	519	11	7061	134	32	98	33
BFCH049	<4	1.97	45	4	2390	12	13	334	11	5979	77	75	125	24
BFCH050	<4	2.22	27	5	2269	<10	11	708	2	8146	79	22	138	15

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DEP	ODOR	CON1	CON2	CON3	FORM
BFCM051	35.440	118.175	07	40380				3	1	1				2	QTRN
BFCM052	35.421	118.153	07	40380				3	1	1				2	QTRN
BFCM053	35.403	118.135	06	40380				3	1	1				2	QTRN
BFCM054	35.479	118.212	06	40380				2	1	1				2	QTRN
BFCM055	35.496	118.203	07	40380				3	1	1				1	QTRN
BFCM056	35.478	118.183	07	40380				3	1	1				2	QTRN
BFCM057	35.468	118.159	07	40380				3	1	1				2	QTRN
BFCM058	35.481	118.144	07	40380				3	1	1				2	QTRN
BFCM059	35.458	118.132	07	40380				3	1	1				2	QTRN
BFCM060	35.457	118.118	07	40380				3	1	1				2	QTRN
BFCM061	35.453	118.098	06	40380				3	1	1				2	QTRN
BFCM062	35.479	118.118	07	40380				3	1	1				2	QTRN
BFCM063	35.438	118.094	07	40380				3	1	1				2	QTRN
BFCM064	35.428	118.080	07	40380				2	1	1				2	QTRN
BFCM065	35.415	118.069	07	40380				3	1	1				2	QTRN
BFCM066	35.402	118.079	07	40380				3	1	1				2	QTRN
BFCM067	35.398	118.056	07	40380				3	1	1				2	QTRN
BFCM068	35.415	118.025	07	40380				3	1	1				2	QTRN
BFCM069	35.397	118.023	07	40380				2	1	1				2	QTRN
BFCM070	35.430	118.025	06	40380				3	1	1				2	QTRN
BFCM071	35.458	118.056	07	40380				3	1	1				2	QTRN
BFCM072	35.494	118.095	06	40380				3	1	1				2	QTRN
BFCM073	35.495	118.051	06	40380				3	1	1				2	QTRN
BFCM074	35.483	118.022	07	40380				3	1	1				2	QTRN
BFCM075	35.462	118.008	07	40380				3	1	1				2	QTRN
BFCM076	35.437	118.044	06	40380				3	1	1				2	QTRN
BFDA001	35.037	119.879	07	40980				3	1	1				1	QTRN
BFDA002	35.049	119.903	07	40980				3	1	1				1	QTRN
BFDA003	35.058	119.919	07	40980				3	1	1				1	QTRN
BFDA004	35.060	119.953	07	40980				3	1	1				1	QTRN
BFDA005	35.062	119.972	07	40980				3	1	1				1	QTRN
BFDA006	35.085	119.984	07	40980				3	1	1				8	QTRN
BFDA007	35.057	119.935	07	40980				3	1	1				1	QTRN
BFDA008	35.102	119.986	07	40980				3	1	1				8	QTRN
BFDA009	35.137	119.975	07	40980				3	1	1				8	QTRN
BFDA010	35.158	119.950	07	40980				3	1	1				1	QTRN
BFDA011	35.169	119.912	07	40980				3	1	1				1	QTRN
BFDA012	35.153	119.906	07	40980				3	1	1				1	QTRN
BFDA013	35.174	119.950	07	40980				3	1	1				1	QTRN
BFDA014	35.175	119.965	07	40980				3	1	1				1	QTRN
BFDA015	35.202	119.951	07	40980				3	1	1				1	QTRN
BFDA016	35.200	119.973	07	40980				3	1	1				1	QTRN
BFDA017	35.236	119.951	07	40980				3	1	1				1	QTRN
BFDA018	35.232	119.979	07	40980				3	1	1				1	QTRN
BFDA019	35.238	119.904	07	40980				3	1	1				1	QTRN
BFDA020	35.216	119.913	07	40980				3	1	1				1	QTRN
BFDA021	35.211	119.881	07	40980				3	1	1				1	QTRN
BFDA022	35.182	119.887	07	40980				3	1	1				1	QTRN
BFDA023	35.032	119.869	07	40980				3	1	1				8	QTRN
BFDA024	35.011	119.846	06	40980				3	1	1				8	QTRN
BFDA025	35.027	119.830	06	40980				3	1	1			9	8	UNKN
BFDA026	35.054	119.840	07	40980				2	1	1			9	8	UNKN
BFDA027	35.072	119.851	07	40980				2	1	1			9	8	UNKN
BFDA028	35.100	119.863	07	40980				3	1	1				8	UNKN
BFDA030	35.093	119.817	07	40980				3	1	1				8	UNKN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-INT	AG	AL
BFCH051	10		<0.0	10	1	1	3	3	1	N11101	3.10		<2	9.05
BFCH052	10		<0.0	10	1	1	3	3	1	N11101	1.40		<2	10.14
BFCH053	10		<0.0	10	1	1	3	3	1	N11101	3.40		<2	9.23
BFCH054	10		<0.0	10	1	1	3	3	1	N11101	6.29		<2	7.84
BFCH055	10		<0.0	10	1	1	3	3	1	N11101	2.60		<2	8.71
BFCH056	10		<0.0	10	1	1	3	3	1	N11101	2.68		<2	9.73
BFCH057	10		<0.0	10	1	1	3	3	1	N11101	3.53		<2	8.82
BFCH058	10		<0.0	10	1	1	3	3	1	N11101	2.76		<2	9.13
BFCH059	10		<0.0	10	1	1	3	3	1	N11101	2.82		<2	9.27
BFCH060	10		<0.0	10	1	1	3	3	1	N11101	3.05		<2	9.15
BFCH061	10		<0.0	10	1	1	3	3	1	N11101	4.38		<2	8.63
BFCH062	10		<0.0	10	1	1	3	3	1	N11101	3.50		<2	8.20
BFCH063	10		<0.0	10	1	1	3	3	1	N11101	3.66		<2	9.13
BFCH064	10		<0.0	10	1	1	3	3	1	N11101	3.46		<2	8.63
BFCH065	10		<0.0	10	1	1	3	3	1	N11101	2.88		<2	9.11
BFCH066	10		<0.0	10	1	1	3	3	1	N11101	4.82		<2	8.44
BFCH067	10		<0.0	10	1	1	3	3	1	N11101	7.16		<2	7.62
BFCH068	10		<0.0	10	1	1	3	3	1	N11101	4.15		<2	8.08
BFCH069	10		<0.0	10	1	1	3	3	1	N11101	3.49		<2	8.42
BFCH070	10		<0.0	10	1	1	3	3	1	N11101	4.00		<2	8.70
BFCH071	10		<0.0	10	1	1	3	3	1	N11101	4.27		<2	8.74
BFCH072	10		<0.0	10	1	1	3	3	1	N11101	3.58		<2	8.52
BFCH073	10		<0.0	10	1	1	3	3	1	N11101	3.63		<2	8.32
BFCH074	10		<0.0	10	1	1	3	3	1	N11101	3.42		<2	8.67
BFCH075	10		<0.0	10	1	1	3	3	1	N11101	5.14		<2	7.51
BFCH076	10		<0.0	10	1	1	3	3	1	N11101	3.60		<2	8.40
BFDA001	10		38.00	10	1	1	2	4	2	N11101	4.34		<2	5.80
BFDA002	10		40.00	10	1	1	2	4	2	N11101	2.52		<2	6.97
BFDA003	10		34.00	10	1	1	2	4	2	N11101	2.79		<2	5.59
BFDA004	10		36.00	10	1	1	2	4	2	N11101	3.33		<2	6.40
BFDA005	10		34.00	10	1	1	2	4	2	N11101	4.24		<2	6.30
BFDA006	10		38.00	10	1	1	2	4	2	N11101	2.88		<2	5.35
BFDA007	10		36.00	10	1	1	2	4	2	N11101	3.09		<2	6.54
BFDA008	10		46.00	10	1	1	2	4	2	N11101	3.62		<2	6.62
BFDA009	10		50.00	10	1	1	2	4	2	N11101	2.93		<2	7.40
BFDA010	10		40.00	10	1	1	2	4	2	N11101	2.72		<2	7.37
BFDA011	10		30.00	10	1	1	2	4	2	N11101	3.47		<2	6.46
BFDA012	10		50.00	10	1	1	2	4	2	N11101	4.22		<2	8.32
BFDA013	10		30.00	10	1	1	2	4	2	N11101	3.03		<2	6.54
BFDA014	10		30.00	10	1	1	2	4	2	N11101	3.06		<2	6.29
BFDA015	10		26.00	10	1	1	2	4	2	N11101	3.73		<2	5.67
BFDA016	10		30.00	10	1	1	2	4	2	N11101	3.66		<2	5.78
BFDA017	10		28.00	10	1	1	2	4	2	N11101	2.70		<2	6.77
BFDA018	10		30.00	10	1	1	2	4	2	N11101	2.88		<2	7.04
BFDA019	10		30.00	10	1	1	2	4	2	N11101	3.68		<2	6.85
BFDA020	10		30.00	10	1	1	2	4	2	N11101	2.28		<2	7.19
BFDA021	10		30.00	10	1	1	2	4	2	N11101	1.76		<2	5.22
BFDA022	10		30.00	10	1	1	2	4	2	N11101	1.81		<2	8.57
BFDA023	10		34.00	10	1	1	4	3	3	N11101	2.52		<2	7.55
BFDA024	10		36.00	10	1	1	4	3	3	N11101	1.43		<2	1.35
BFDA025	10		40.00	09	1	1	3	4	1	N11101	5.24		<2	6.54
BFDA026	10		46.00	08	1	1	4	3	2	N11101	14.70		<2	3.63
BFDA027	10		22.00	08	1	1	4	4	2	N11101	3.03		<2	4.00
BFDA028	10		42.00	07	1	1	4	4	3	N11101	3.65		<2	6.16
BFDA030	10		38.00	07	1	1	4	2	2	N11101	3.01		<2	8.17

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CD	CR	CU	FE	HF	K	LA	LI	MG	MN
BFCH051	<10	1040	2	3.20	158	<4	6	5	2.71	<15	1.20	71	14	0.48	403
BFCH052	<10	968	2	3.46	92	<4	5	4	1.93	<15	0.99	45	11	0.43	351
BFCH053	<10	900	2	3.38	138	4	7	6	3.19	<15	1.16	63	17	0.62	509
BFCH054	<10	514	2	4.31	154	7	8	5	5.83	<15	0.92	63	18	1.11	1706
BFCH055	<10	868	2	2.79	95	8	12	9	3.95	<15	1.33	45	35	0.93	644
BFCH056	<10	791	2	2.43	139	5	6	7	3.79	<15	1.37	64	27	0.65	489
BFCH057	12	856	2	2.45	169	6	6	9	3.88	<15	1.32	72	29	0.72	517
BFCH058	<10	724	2	2.38	110	8	8	11	4.18	<15	1.66	52	42	1.04	704
BFCH059	11	832	2	2.49	129	5	8	7	2.99	<15	1.31	58	20	0.53	395
BFCH060	<10	850	2	2.48	119	4	6	7	3.01	<15	1.41	52	20	0.54	405
BFCH061	16	781	2	2.78	141	6	9	10	3.83	<15	1.45	66	33	0.78	509
BFCH062	14	736	2	2.94	154	7	9	9	4.07	<15	1.41	70	33	0.80	506
BFCH063	<10	833	2	2.18	130	7	9	7	3.21	<15	1.33	61	21	0.54	517
BFCH064	11	713	2	2.10	113	9	16	13	4.17	<15	1.71	55	43	1.00	737
BFCH065	<10	833	2	2.17	80	5	9	9	2.31	<15	1.43	37	18	0.55	448
BFCH066	<10	781	2	2.31	105	4	11	7	2.99	<15	1.32	46	17	0.45	467
BFCH067	<10	550	2	1.02	121	4	10	8	2.98	<15	2.10	61	25	0.44	752
BFCH068	14	797	2	1.78	119	6	12	11	2.51	<15	1.57	53	19	0.50	531
BFCH069	10	600	2	3.85	114	4	4	4	2.72	<15	1.06	54	18	0.56	316
BFCH070	<10	819	2	2.22	150	5	10	10	3.78	<15	1.55	66	23	0.54	422
BFCH071	11	745	2	2.59	165	4	9	4	4.72	<15	1.22	69	13	0.38	317
BFCH072	<10	799	2	2.32	126	5	6	5	3.07	<15	1.32	56	22	0.55	325
BFCH073	11	745	2	2.25	128	5	8	6	3.14	<15	1.27	59	24	0.61	350
BFCH074	<10	721	2	2.35	120	4	6	7	3.18	<15	1.24	54	14	0.38	288
BFCH075	<10	673	2	2.98	190	5	12	5	6.67	<15	1.19	84	17	0.51	426
BFCH076	10	791	2	2.17	134	5	9	6	3.51	<15	1.52	60	21	0.53	412
BFDA001	20	814	1	4.04	59	5	46	16	2.19	<15	1.35	30	20	0.61	250
BFDA002	15	761	2	0.68	65	5	22	12	2.09	<15	2.06	34	25	0.52	278
BFDA003	14	1012	1	0.44	60	<4	19	9	1.55	<15	2.09	26	13	0.21	198
BFDA004	22	777	2	1.17	60	5	33	14	2.13	<15	2.03	29	24	0.56	289
BFDA005	22	595	2	3.55	71	7	53	21	2.52	<15	1.40	35	21	0.67	304
BFDA006	11	770	1	1.12	45	<4	17	9	1.19	<15	1.97	22	14	0.39	201
BFDA007	18	759	2	1.11	66	6	41	16	2.30	<15	1.95	32	22	0.52	311
BFDA008	22	829	2	2.24	76	6	26	18	2.43	<15	1.98	36	28	0.77	398
BFDA009	25	706	2	1.79	73	8	33	22	2.85	<15	1.92	36	42	0.70	392
BFDA010	32	739	2	0.74	76	10	39	23	3.05	<15	2.01	35	27	0.49	503
BFDA011	22	631	1	1.45	42	6	20	11	2.18	<15	1.35	21	21	0.37	315
BFDA012	32	595	3	1.72	115	10	37	27	3.22	<15	1.87	53	59	0.63	354
BFDA013	17	645	2	4.10	67	6	50	18	2.15	<15	1.60	32	16	0.58	307
BFDA014	12	619	1	4.19	69	6	43	13	1.78	<15	1.49	31	16	0.75	304
BFDA015	<10	615	1	7.96	68	5	38	8	1.26	<15	1.13	30	8	0.35	258
BFDA016	10	619	1	8.37	66	5	40	8	1.33	<15	1.18	31	8	0.36	259
BFDA017	10	844	2	3.15	46	4	20	7	1.76	<15	1.59	24	17	0.37	209
BFDA018	10	852	2	3.20	55	4	20	8	1.01	<15	1.73	27	18	0.38	221
BFDA019	25	733	2	1.71	40	6	34	17	1.99	<15	1.76	20	23	0.57	334
BFDA020	19	670	2	1.23	54	6	27	12	2.10	<15	1.71	25	26	0.64	350
BFDA021	<10	542	1	1.46	70	4	17	6	1.34	<15	1.37	32	9	0.29	271
BFDA022	<10	897	2	1.84	51	4	19	6	1.16	<15	2.11	24	11	0.26	208
BFDA023	19	733	2	1.02	71	6	34	17	2.43	<15	2.05	36	26	0.65	359
BFDA024	<10	148	1	0.86	47	6	19	14	1.74	<15	0.30	24	10	0.50	339
BFDA025	36	578	2	2.25	73	12	83	29	3.30	17	1.79	35	26	1.19	396
BFDA026	<10	370	1	6.17	41	4	73	32	2.04	<15	0.86	22	16	0.59	118
BFDA027	15	330	1	12.51	41	5	69	26	1.66	<15	0.73	21	16	0.81	193
BFDA028	<10	763	1	3.17	104	<4	18	6	1.09	17	1.74	44	9	0.45	274
BFDA030	18	519	2	1.57	88	14	81	28	4.15	<15	1.59	42	27	1.11	476

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFCH051	<4	2.68	39	2	1542	<10	7	796	10	8325	56	25	74	18
BFCH052	<4	2.78	19	4	887	15	6	933	7	4685	39	14	60	10
BFCH053	<4	2.46	31	3	1782	<10	8	799	8	7511	64	24	92	16
BFCH054	<4	2.10	80	2	1601	13	24	436	26	12433	104	96	136	32
BFCH055	<4	2.09	22	5	1811	14	9	572	9	6423	68	17	134	13
BFCH056	<4	2.29	27	5	1260	15	5	641	11	6315	65	20	114	13
BFCH057	<4	2.17	34	4	1607	<10	6	622	9	7629	69	25	140	19
BFCH058	<4	2.39	21	5	1536	<10	8	604	5	6494	85	17	166	12
BFCH059	<4	2.56	27	4	938	<10	5	711	11	6128	63	20	38	14
BFCH060	<4	2.87	25	5	1039	15	5	709	9	5928	63	19	87	13
BFCH061	<4	2.10	26	6	1633	15	7	586	11	6649	77	22	122	15
BFCH062	<4	1.90	28	5	1752	<10	7	542	11	6882	80	23	123	18
BFCH063	<4	2.34	24	7	955	18	5	629	16	5103	57	18	98	14
BFCH064	<4	1.37	21	10	1945	13	8	441	14	5620	80	16	161	18
BFCH065	<4	2.38	16	6	1133	17	5	399	10	3935	48	15	31	13
BFCH066	<4	2.34	30	5	892	<10	5	514	13	5302	60	26	99	23
BFCH067	<4	2.45	32	6	899	18	6	199	19	3143	42	28	93	102
BFCH068	<4	2.36	24	8	930	10	5	413	14	4448	56	22	75	32
BFCH069	<4	1.31	26	<2	895	19	4	552	14	4622	53	19	65	19
BFCH070	<4	2.35	31	5	1187	10	5	556	14	6582	77	26	85	19
BFCH071	<4	2.43	35	2	994	16	2	654	13	7072	59	26	53	19
BFCH072	<4	2.13	26	5	1070	14	4	574	10	5334	62	21	78	15
BFCH073	4	1.97	25	4	1108	16	4	539	17	5189	61	20	74	16
BFCH074	<4	2.41	24	3	846	<10	3	648	8	5127	66	20	53	13
BFCH075	<4	1.88	44	3	1004	11	4	496	11	8719	132	33	65	24
BFCH076	<4	2.22	29	5	1081	<10	5	544	10	6283	71	24	82	19
BFDA001	9	1.17	11	25	1626	12	6	287	13	2442	69	16	79	29
BFDA002	<4	1.89	10	10	622	55	6	218	8	2429	54	14	70	26
BFDA003	<4	1.54	12	11	562	28	4	183	14	2453	40	13	38	30
BFDA004	5	1.47	9	23	884	26	6	190	9	2167	63	14	76	27
BFDA005	13	1.17	12	37	1423	12	7	257	12	2622	101	20	88	29
BFDA006	<4	1.44	8	12	838	13	3	211	9	1660	35	12	36	20
BFDA007	8	1.54	11	28	906	48	6	230	15	2501	79	16	82	30
BFDA008	5	1.60	13	15	1203	16	6	253	10	2555	67	18	61	25
BFDA009	<4	1.46	11	21	651	18	8	228	10	2689	70	17	74	28
BFDA010	<4	1.30	11	26	787	24	8	193	12	2621	79	15	98	30
BFDA011	4	2.01	8	14	898	<10	4	286	6	2054	50	10	51	12
BFDA012	<4	1.11	15	19	623	31	10	178	26	2835	72	21	30	29
BFDA013	15	1.43	13	39	1116	<10	6	252	12	2845	125	15	78	27
BFDA014	<4	1.47	16	24	1769	<10	5	349	6	3115	52	18	55	26
BFDA015	<4	1.50	19	19	2094	10	4	389	7	3749	48	22	26	24
BFDA016	<4	1.59	19	19	2078	<10	4	393	7	3891	50	21	27	26
BFDA017	<4	1.68	9	12	527	22	4	317	4	1939	47	5	32	17
BFDA018	<4	1.81	8	10	514	14	4	325	8	1817	47	10	33	19
BFDA019	<4	1.86	6	26	912	14	5	305	7	1957	54	11	71	19
BFDA020	<4	2.20	9	19	832	23	5	318	11	2166	54	11	53	17
BFDA021	<4	1.61	14	10	544	<10	3	265	3	2834	40	16	26	16
BFDA022	<4	2.57	9	11	416	16	3	439	9	2001	34	10	26	14
BFDA023	<4	1.82	12	20	900	36	7	269	8	2840	65	18	63	29
BFDA024	<4	<0.05	<4	20	1222	12	4	60	6	207	33	13	55	6
BFDA025	28	1.27	12	59	1479	17	9	240	11	2964	140	21	124	43
BFDA026	70	0.47	9	71	1058	<10	6	687	3	1725	237	17	142	20
BFDA027	12	0.53	12	53	2271	<10	6	320	11	1738	124	15	104	27
BFDA028	<4	1.63	22	8	1754	24	4	319	13	3984	37	27	31	21
BFDA030	5	1.12	14	47	737	12	13	159	11	3984	129	23	107	37

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDC	S-DP	ODCR	CON1	CON2	CON3	FORM
BFDA032	35.035	119.762	07	40980				3	1	1				8	UNKN
BFDA034	35.068	119.786	07	40980				3	1	1				8	UNKN
BFDA035	35.149	119.846	07	41080				3	1	1				1	QTRN
BFDA036	35.139	119.758	07	41080				3	1	1				8	QTRN
BFDA037	35.157	119.861	07	41080				3	1	1				1	QTRN
BFDA038	35.146	119.782	07	41080				3	1	1				8	QTRN
BFDA039	35.182	119.844	07	41080				3	1	1				1	QTRN
BFDA040	35.151	119.801	07	41080				3	1	1				8	QTRN
BFDA041	35.180	119.863	07	41080				3	1	1				7	QTRN
BFDA042	35.175	119.772	07	41080				3	1	1				8	QTRN
BFDA043	35.200	119.863	07	41080				3	1	1				7	QTRN
BFDA044	35.241	119.766	06	41080				3	1	1				8	QTRN
BFDA045	35.216	119.854	07	41080				3	1	1				1	QTRN
BFDA046	35.239	119.807	07	41080				3	1	1				8	QTRN
BFDA047	35.236	119.849	07	41080				3	1	1				1	QTRN
BFDA048	35.214	119.800	07	41080				3	1	1				8	QTRN
BFDA049	35.240	119.867	07	41080				3	1	1				1	QTRN
BFDA050	35.205	119.774	07	41080				3	1	1				8	QTRN
BFDA051	35.168	119.790	07	41080				3	1	1				8	QTRN
BFD8001	35.180	119.502	07	33180				3	1	1			6	9	QTRN
BFD8002	35.181	119.526	07	33180				3	1	1			6	9	QTRN
BFD8003	35.195	119.542	07	33180				3	1	1			6	9	QTRN
BFD8004	35.202	119.522	07	33180				3	1	1			8	9	QTRN
BFD8005	35.216	119.519	07	33180				3	1	1			8	9	QTRN
BFD8006	35.233	119.505	07	33180				3	1	1			8	9	QTRN
BFD8007	35.233	119.528	07	33180				3	1	1			8	9	QTRN
BFD8008	35.233	119.549	07	33180				3	1	1			8	9	QTRN
BFD8009	35.228	119.574	07	33180				3	1	1			6	9	QTRN
BFD8010	35.242	119.588	07	33180				3	1	1			6	9	QTRN
BFD8011	35.213	119.561	07	33180				3	1	1			6	9	QTRN
BFD8012	35.216	119.542	07	33180				3	1	1			9	9	QTRN
BFD8013	35.195	119.566	07	33180				3	1	1				9	QTRN
BFD8014	35.197	119.588	07	33180				3	1	1				9	QTRN
BFD8015	35.217	119.588	07	33180				3	1	1				9	QTRN
BFD8016	35.177	119.547	07	33180				3	1	1			6	9	QTRN
BFD8017	35.163	119.528	07	33180				3	1	1				9	QTRN
BFD8018	35.149	119.515	07	33180				3	1	1			6	9	QTRN
BFD8019	35.224	119.614	07	40180				3	1	1			6	9	QTRN
BFD8020	35.229	119.640	06	40180				3	1	1				8	QTRN
BFD8021	35.233	119.660	07	40180				3	1	1				8	QTRN
BFD8022	35.238	119.704	07	40180				3	1	1				8	UNKN
BFD8023	35.237	119.697	07	40180				2	1	1			8	5	UNKN
BFD8024	35.210	119.667	07	40180				3	1	1				8	QTRN
BFD8025	35.209	119.696	07	40180				3	1	1				8	UNKN
BFD8026	35.198	119.713	06	40180				3	1	1				8	QTRN
BFD8027	35.210	119.730	07	40180				3	1	1				8	QTRN
BFD8028	35.226	119.744	06	40180				3	1	1				8	QTRN
BFD8029	35.190	119.735	07	40180				2	1	1			7	8	QTRN
BFD8030	35.177	119.743	07	40180				3	1	1			7	8	QTRN
BFD8031	35.181	119.696	06	40180				4	1	1				8	QTRN
BFD8032	35.164	119.673	06	40180				3	1	1	2			8	QTRN
BFD8033	35.142	119.661	07	40180				3	1	1				8	QTRN
BFD8034	35.130	119.644	06	40180				3	1	1				8	QTRN
BFD8035	35.209	119.635	07	40280				4	1	1			8	9	QTRN
BFD8036	35.178	119.580	07	40280				3	1	1			8	9	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	S_VL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFDA032	10		30.00	07	1	1	4	2	2	N11101	2.52		<2	8.06
BFDA034	10		32.00	07	1	1	4	2	2	N11101	1.73		<2	7.46
BFDA035	10		38.00	10	1	1	2	4	2	N11101	1.81		<2	6.78
BFDA036	10		48.00	10	1	1	1	4	3	N11101	3.32		<2	7.93
BFDA037	10		38.00	10	1	1	1	4	2	N11101	2.43		<2	7.04
BFDA038	10		36.00	10	1	1	1	4	3	N11101	2.58		<2	7.96
BFDA039	10		40.00	10	1	1	1	4	2	N11101	2.56		<2	7.36
BFDA040	10		40.00	10	1	1	1	4	3	N11101	2.55		<2	3.13
BFDA041	10		24.00	10	1	1	1	4	2	N11101	1.55		<2	6.97
BFDA042	10		44.00	10	1	1	1	4	2	N11101	4.03		<2	7.25
BFDA043	10		32.00	10	1	1	1	4	2	N11101	1.87		<2	7.23
BFDA044	10		34.00	10	1	1	2	4	3	N11101	5.08		<2	6.19
BFDA045	10		38.00	10	1	1	1	4	2	N11101	4.05		<2	7.37
BFDA046	10		38.00	10	1	1	1	4	3	N11101	3.00		<2	7.31
BFDA047	10		42.00	10	1	1	1	4	2	N11101	3.62		<2	6.96
BFDA048	10		38.00	10	1	1	1	4	3	N11101	2.59		<2	7.55
BFDA049	10		40.00	10	1	1	1	4	2	N11101	2.83		<2	7.03
BFDA050	10		38.00	10	1	1	1	4	3	N11101	3.26		<2	7.13
BFDA051	10		42.00	10	1	1	1	4	2	N11101	3.06		<2	8.23
BFDB001	10		62.00	10	1	1	1	3	3	N11101	3.45		<2	6.71
BFDB002	10		60.00	10	1	1	1	4	3	N11101	5.20		<2	6.43
BFDB003	10		58.00	10	1	1	1	4	3	N11101	2.80		<2	7.15
BFDB004	10		68.00	10	1	1	1	4	3	N11101	3.18		<2	7.11
BFDB005	10		56.00	10	1	1	1	4	2	N11101	2.69		<2	6.61
BFDB006	10		60.00	10	1	1	2	4	3	N11101	2.81		<2	5.73
BFDB007	10		56.00	10	1	1	1	4	3	N11101	2.56		<2	7.20
BFDB008	10		58.00	10	1	1	1	4	3	N11101	3.29		<2	6.65
BFDB009	10		58.00	10	1	1	1	4	3	N11101	2.51		<2	6.48
BFDB010	10		52.00	10	1	1	1	4	3	N11101	2.54		<2	6.76
BFDB011	10		54.00	10	1	1	1	4	3	N11101	2.32		<2	6.74
BFDB012	10		59.00	10	1	1	1	4	3	N11101	3.40		<2	6.80
BFDB013	10		54.00	10	1	1	1	4	3	N11101	3.13		<2	6.43
BFDB014	10		54.00	10	1	1	2	4	3	N11101	3.83		<2	6.66
BFDB015	10		59.00	10	1	1	1	4	3	N11101	4.03		<2	6.79
BFDB016	10		62.00	10	1	1	1	4	3	N11101	3.40		<2	6.72
BFDB017	10		52.00	10	1	1	1	4	3	N11101	2.67		<2	6.76
BFDB018	10		50.00	10	1	1	2	4	3	N11101	4.19		<2	3.25
BFDB019	10		52.00	10	1	1	1	4	2	N11101	2.19		<2	6.83
BFDB020	10		56.00	10	1	1	2	4	3	N11101	6.54		<2	6.60
BFDB021	10		54.00	10	1	1	2	4	3	N11101	3.31		<2	6.43
BFDB022	10		65.00	10	1	1	3	4	3	N11101	8.05		<2	6.25
BFDB023	10		260.00	10	1	1	3	4	1	N11101	56.59		<2	3.85
BFDB024	10		58.00	10	1	1	2	4	3	N11101	3.59		<2	6.74
BFDB025	10		60.00	10	1	1	2	4	3	N11101	5.24		<2	5.30
BFDB026	10		65.00	10	1	1	2	4	3	N11101	2.62		<2	6.85
BFDB027	10		58.00	10	1	1	1	4	3	N11101	2.03		<2	7.02
BFDB028	10		52.00	10	1	1	1	4	3	N11101	3.56		<2	6.28
BFDB029	10		62.00	10	1	1	1	4	3	N11101	2.57		<2	7.19
BFDB030	10		64.00	10	1	1	1	4	3	N11101	3.82		<2	7.09
BFDB031	10		70.00	10	1	1	2	4	2	N11101	3.68		<2	7.22
BFDB032	10		60.00	10	1	1	2	4	3	N11101	3.04		<2	7.36
BFDB033	10		56.00	10	1	1	1	4	3	N11101	3.12		<2	6.78
BFDB034	10		54.00	10	1	1	1	4	1	N11101	3.04		<2	6.50
BFDB035	10		62.00	10	1	1	1	4	2	N11101	3.11		<2	6.26
BFDB036	10		56.00	10	1	1	2	4	3	N11101	3.57		<2	6.71

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFDA032	13	659	2	1.70	82	10	34	17	2.83	26	1.76	40	27	0.81	680
BFDA034	<10	732	2	0.53	47	4	23	8	1.51	24	2.00	24	17	0.53	211
BFDA035	<10	735	2	1.58	56	<4	14	5	0.74	<15	1.69	23	7	0.20	146
BFDA036	21	625	2	1.26	82	7	45	16	2.71	<15	1.85	39	27	0.91	340
BFDA037	<10	741	2	1.62	61	<4	15	4	0.60	<15	1.94	29	9	0.21	152
BFDA038	24	551	2	0.91	79	8	59	20	3.26	<15	1.85	40	27	1.02	365
BFDA039	35	522	2	1.71	88	10	76	25	3.48	<15	1.64	42	31	1.11	354
BFDA040	28	567	2	1.26	101	11	71	27	4.00	<15	1.99	49	34	1.13	390
BFDA041	10	753	2	1.19	43	<4	17	7	0.90	<15	1.84	19	9	0.15	135
BFDA042	72	583	2	2.74	65	9	77	27	3.20	<15	1.34	34	38	1.27	361
BFDA043	<10	696	2	1.23	37	<4	22	8	1.22	<15	1.73	19	12	0.25	194
BFDA044	28	838	1	2.77	37	<4	40	13	1.40	<15	1.60	17	19	0.64	179
BFDA045	39	598	2	1.47	64	12	82	30	3.58	<15	1.66	32	53	1.86	595
BFDA046	31	736	2	1.38	57	6	55	18	2.52	<15	1.73	28	32	1.12	321
BFDA047	46	774	1	1.44	55	10	64	22	2.68	<15	1.63	26	41	1.49	665
BFDA048	24	726	2	1.31	56	7	60	20	2.72	<15	1.83	28	37	1.27	357
BFDA049	39	744	1	1.25	49	10	63	22	2.64	<15	1.68	25	40	1.46	647
BFDA050	21	680	2	2.00	53	7	52	18	2.56	<15	1.68	26	33	0.90	264
BFDA051	14	763	1	1.97	51	10	55	29	3.13	<15	1.17	24	18	0.86	549
BFD8001	30	747	1	1.34	50	7	56	20	2.40	<15	1.70	24	27	0.80	361
BFD8002	55	777	1	2.48	40	6	74	28	2.37	<15	1.50	20	27	0.81	298
BFD8003	22	748	1	1.41	51	8	61	21	2.62	<15	1.65	25	26	0.90	416
BFD8004	31	687	1	1.81	51	9	66	23	2.77	<15	1.61	25	29	0.99	401
BFD8005	27	667	1	3.72	57	8	47	21	2.38	<15	1.47	27	30	1.00	347
BFD8006	20	1262	1	5.73	33	5	47	22	1.61	<15	1.39	16	20	0.60	317
BFD8007	42	749	1	1.34	43	7	73	23	2.75	31	1.74	22	31	0.91	376
BFD8008	50	820	1	1.93	43	6	75	25	2.53	<15	1.51	23	25	0.86	331
BFD8009	46	977	1	2.25	42	6	63	26	2.08	<15	1.70	22	25	0.70	275
BFD8010	31	835	1	2.07	37	6	67	27	2.36	<15	1.73	18	29	0.78	325
BFD8011	29	787	1	1.66	47	7	60	24	2.29	<15	1.65	23	24	0.75	355
BFD8012	30	750	1	1.98	48	8	71	24	2.64	<15	1.48	24	26	0.97	364
BFD8013	26	775	1	2.02	44	7	79	28	2.59	<15	1.45	22	26	0.98	319
BFD8014	20	869	1	2.45	39	5	41	15	1.71	<15	1.64	20	20	0.55	262
BFD8015	22	1028	1	2.19	25	<4	29	9	1.03	<15	1.85	14	15	0.35	165
BFD8016	21	704	1	1.51	41	6	46	17	2.07	<15	1.63	21	24	0.70	311
BFD8017	24	709	1	3.07	41	8	60	24	2.61	<15	1.36	21	32	1.08	361
BFD8018	32	1119	1	3.32	38	4	55	17	1.60	<15	1.26	20	15	0.52	214
BFD8019	37	794	1	1.54	42	7	69	24	2.41	<15	1.75	21	27	0.78	329
BFD8020	25	724	1	2.38	38	5	55	18	2.20	15	1.47	19	23	0.67	278
BFD8021	19	760	1	2.11	31	<4	28	9	1.25	<15	1.74	16	18	0.40	221
BFD8022	37	1058	1	1.17	31	4	119	44	2.45	<15	1.34	18	23	0.54	162
BFD8023	51	1851	1	1.92	34	6	118	35	3.27	<15	1.10	17	20	0.38	286
BFD8024	16	749	2	2.68	48	5	38	14	1.97	<15	1.65	24	28	0.71	305
BFD8025	46	699	1	7.91	38	4	75	32	2.14	25	0.98	21	30	0.73	182
BFD8026	17	856	1	2.39	33	<4	20	6	0.65	<15	1.77	16	14	0.31	141
BFD8027	17	679	2	1.24	47	6	47	15	2.17	<15	1.75	23	26	0.76	360
BFD8028	28	1098	1	2.93	48	5	57	23	2.18	<15	1.45	23	24	0.67	255
BFD8029	21	734	2	1.24	46	5	37	12	1.85	<15	1.85	23	22	0.50	310
BFD8030	32	738	2	1.97	54	5	52	16	2.08	<15	1.65	26	24	0.68	293
BFD8031	17	698	2	3.00	46	6	43	13	2.27	<15	1.46	23	29	0.82	334
BFD8032	14	673	2	2.34	53	6	31	9	2.06	<15	1.64	25	26	0.75	379
BFD8033	29	812	1	2.07	42	4	36	9	1.47	<15	1.70	21	19	0.53	236
BFD8034	18	781	1	2.27	33	<4	28	8	1.06	<15	1.59	16	16	0.44	162
BFD8035	28	688	1	1.90	44	6	55	18	2.19	<15	1.38	22	25	0.85	361
BFD8036	29	574	1	3.49	56	8	51	17	2.80	<15	1.65	29	33	1.31	394

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NR	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDA032	<4	1.98	11	21	899	48	8	261	6	2620	66	15	72	26
BFDA034	<4	2.20	8	12	694	19	5	180	<2	1877	37	12	38	19
BFDA035	<4	2.01	12	9	331	10	2	346	7	2139	35	15	19	12
BFDA036	5	1.91	16	26	976	28	8	256	16	3117	66	12	74	30
BFDA037	<4	2.29	13	9	423	13	2	347	4	2449	27	17	20	15
BFDA038	4	1.62	14	35	911	11	10	214	12	3352	81	20	91	31
BFDA039	11	1.18	15	47	1036	16	10	226	16	3454	136	21	110	33
BFDA040	4	1.41	16	39	925	20	12	212	17	3800	100	24	109	33
BFDA041	<4	2.09	8	9	250	20	3	229	6	1634	71	8	23	14
BFDA042	5	1.17	13	44	1046	25	10	274	17	3302	106	18	115	34
BFDA043	<4	2.11	7	11	374	<10	4	330	5	1983	37	10	31	16
BFDA044	4	1.59	8	22	925	13	4	333	8	1644	49	11	55	21
BFDA045	10	1.12	12	50	1084	15	10	259	12	3420	111	12	105	35
BFDA046	5	1.74	11	31	962	12	7	255	11	2974	75	15	96	29
BFDA047	9	1.92	10	41	1020	18	8	279	13	3021	85	14	76	32
BFDA048	<4	1.69	11	36	1063	14	8	248	7	2995	81	16	94	30
BFDA049	8	2.03	10	42	985	19	8	266	8	3110	84	14	74	34
BFDA050	<4	1.57	11	30	966	19	7	280	15	3003	71	14	80	26
BFDA051	<4	1.70	11	30	386	30	12	336	8	3611	100	16	416	40
BFD8001	<4	1.68	10	41	806	38	7	248	10	2987	79	14	84	32
BFD8002	7	1.49	10	48	998	<10	7	275	7	2757	93	14	90	28
BFD8003	4	1.57	10	35	917	17	8	263	10	3221	80	15	79	33
BFD8004	<4	1.62	12	45	673	19	8	260	7	3373	90	15	79	35
BFD8005	<4	1.62	13	33	988	18	7	330	10	2872	82	14	60	25
BFD8006	<4	1.45	9	32	773	27	5	275	12	2377	63	13	74	24
BFD8007	<4	1.51	8	48	1160	11	8	258	9	2907	91	14	98	33
BFD8008	5	1.29	10	48	1305	14	8	279	9	2678	56	14	99	32
BFD8009	<4	1.49	9	42	1122	34	6	293	11	2327	85	13	93	28
BFD8010	5	1.58	7	46	895	10	7	298	6	2565	85	12	85	30
BFD8011	<4	1.59	9	40	874	27	7	278	9	2809	80	13	92	29
BFD8012	4	1.38	11	46	1046	16	8	278	10	2959	91	14	83	32
BFD8013	4	1.29	9	53	915	14	8	272	12	2823	102	13	96	30
BFD8014	<4	1.80	8	33	703	30	5	318	6	2332	66	12	61	22
BFD8015	<4	1.93	5	23	752	<10	3	341	<2	1557	46	9	42	18
BFD8016	<4	1.67	8	37	762	22	6	263	9	2546	64	13	80	30
BFD8017	<4	1.46	9	42	762	<10	8	298	3	2845	85	13	74	32
BFD8018	12	1.25	7	33	1059	14	5	325	4	2078	76	12	73	21
BFD8019	<4	1.51	9	46	791	<10	7	271	11	2688	91	12	85	30
BFD8020	<4	1.45	10	36	824	19	6	250	21	2470	67	11	66	33
BFD8021	<4	1.84	8	16	886	20	4	271	4	1707	40	10	40	21
BFD8022	19	1.11	6	55	1236	<10	8	397	7	2423	127	12	99	32
BFD8023	61	0.81	7	63	3336	<10	9	265	8	2351	152	22	141	34
BFD8024	<4	1.60	12	27	895	13	6	271	15	2167	52	12	63	26
BFD8025	<4	0.87	11	50	950	12	6	455	9	2256	74	16	131	33
BFD8026	<4	2.09	7	11	555	19	3	380	9	1303	27	9	34	15
BFD8027	<4	1.65	11	34	626	21	6	243	11	2602	57	13	71	30
BFD8028	6	1.30	10	41	1621	16	6	315	9	2410	90	13	89	27
BFD8029	<4	1.89	10	22	480	17	5	271	5	2471	46	12	58	27
BFD8030	<4	1.56	12	27	949	19	6	299	10	2555	65	14	88	30
BFD8031	<4	1.61	12	25	641	14	6	311	9	2944	64	14	60	27
BFD8032	<4	1.96	13	17	720	12	6	323	8	3162	56	15	56	21
BFD8033	4	1.87	9	18	1013	<10	4	308	6	2213	48	12	58	21
BFD8034	<4	1.80	7	16	747	13	4	334	4	1704	42	10	43	19
BFD8035	<4	1.43	9	42	766	<10	7	261	6	2824	77	14	77	29
BFD8036	4	1.48	13	36	1443	<10	7	315	10	3477	83	16	95	24

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DEP	ODOR	CON1	CON2	CON3	FORM
BFDB037	35.157	119.607	07	40280				3	1	1			8	5	UNKN
BFDB038	35.166	119.613	07	40280				4	1	1				8	UNKN
BFDB039	35.146	119.598	07	40280				4	1	1				8	UNKN
BFDB040	35.127	119.582	07	40280				3	1	1				8	UNKN
BFDB041	35.120	119.563	07	40280				4	1	1				8	UNKN
BFDB042	35.105	119.546	07	40280				2	1	1				8	UNKN
BFDB043	35.088	119.535	07	40280				4	1	1				8	UNKN
BFDB044	35.072	119.551	07	40280				4	1	1				8	QTRN
BFDB045	35.082	119.584	07	40280				2	1	1				8	QTRN
BFDB046	35.100	119.598	07	40280				4	1	1				8	QTRN
BFDB047	35.116	119.615	06	40280				2	1	1				8	QTRN
BFDB048	35.112	119.647	07	40280				3	1	1				8	QTRN
BFDB049	35.076	119.621	07	40280				4	1	1			8	7	QTRN
BFDB050	35.062	119.600	07	40280				3	1	1			8	7	QTRN
BFDB051	35.049	119.585	07	40280				3	1	1			8	7	QTRN
BFDB052	35.041	119.559	07	40280				4	1	1			8	7	QTRN
BFDB053	35.048	119.513	07	40880				3	1	1			7	8	QTRN
BFDB054	35.087	119.712	07	40880				3	1	1			7	8	QTRN
BFDB055	35.112	119.738	07	40880				3	1	1				8	QTRN
BFDB056	35.145	119.723	07	40880				3	1	1				8	QTRN
BFDB057	35.116	119.707	07	40880				3	1	1			7	8	QTRN
BFDB058	35.063	119.700	07	40880				3	1	1				8	QTRN
BFDB059	35.055	119.671	07	40880				3	1	1				8	QTRN
BFDB060	35.072	119.658	07	40880				3	1	1				8	UNKN
BFDB061	35.088	119.681	07	40880				3	1	1				8	QTRN
BFDB062	35.026	119.542	06	40880				3	1	1				8	QTRN
BFDB063	35.013	119.518	07	40880				3	1	1				8	QTRN
BFDC001	35.054	119.272	07	32780				3	1	1				7	QTRN
BFDC002	35.018	119.270	07	32780				3	1	1				7	QTRN
BFDC003	35.021	119.294	07	32780				3	1	1				9	QTRN
BFDC004	35.047	119.303	07	32780				3	1	1				7	QTRN
BFDC005	35.050	119.331	07	32780				3	1	1				9	QTRN
BFDC006	35.019	119.339	07	32780				3	1	1				9	QTRN
BFDC007	35.022	119.357	07	32780				3	1	1				8	QTRN
BFDC008	35.047	119.366	07	32780				3	1	1				9	QTRN
BFDC009	35.041	119.384	07	32780				3	1	1				9	QTRN
BFDC010	35.047	119.417	07	32780				3	1	1				5	QTRN
BFDC011	35.015	119.406	07	32780				1	1	1				5	QTRN
BFDC012	35.035	119.437	07	32780				3	1	1				8	QTRN
BFDC013	35.015	119.452	07	32780				3	1	1				8	QTRN
BFDC014	35.023	119.474	07	32780				3	1	1				8	QTRN
BFDC015	35.012	119.487	06	32780				3	1	1				8	QTRN
BFDC016	35.035	119.490	07	32780				3	1	1				8	QTRN
BFDC017	35.073	119.410	07	32780				2	1	1				9	QTRN
BFDC018	35.078	119.379	07	32780				3	1	1				9	QTRN
BFDC019	35.103	119.416	07	32780				3	1	1				9	QTRN
BFDC020	35.125	119.439	07	32780				3	1	1				9	QTRN
BFDC021	35.220	119.390	07	32880				3	1	1				5	QTRN
BFDC022	35.232	119.406	07	32880				3	1	1				9	QTRN
BFDC023			07	32880				3	1	1				7	QTRN
BFDC024	35.210	119.411	07	32880				3	1	1				7	QTRN
BFDC025	35.209	119.444	07	32880				3	1	1				6	QTRN
BFDC026	35.238	119.446	07	32880				3	1	1				9	QTRN
BFDC027	35.234	119.483	07	32880				3	1	1				9	QTRN
BFDC028	35.180	119.411	07	32880				3	1	1				9	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFD8037	10		86.00	10	1	1	3	4	3	N11101	6.37		2	0.84
BFD8038	10		36.00	09	1	1	4	4	3	N11101	3.68		<2	2.24
BFD8039	10		49.00	10	1	1	4	4	3	N11101	4.17		<2	5.73
BFD8040	10		60.00	10	1	1	4	4	3	N11101	2.10		<2	7.18
BFD8041	10		45.00	10	1	1	3	4	3	N11101	2.34		<2	5.19
BFD8042	10		40.00	10	1	1	2	4	3	N11101	2.41		<2	4.51
BFD8043	10		53.00	10	1	1	2	4	3	N11101	2.72		<2	5.89
BFD8044	10		58.00	10	1	1	1	4	2	N11101	3.36		<2	5.86
BFD8045	10		52.00	10	1	1	1	4	3	N11101	2.86		<2	6.37
BFD8046	10		66.00	10	1	1	1	4	3	N11101	2.88		<2	6.11
BFD8047	10		60.00	10	1	1	1	4	3	N11101	3.07		<2	6.53
BFD8048	10		50.00	10	1	1	1	4	3	N11101	1.85		<2	6.42
BFD8049	10		60.00	10	1	1	1	1	3	N11101	1.38		<2	9.03
BFD8050	10		62.00	10	1	1	1	1	3	N11101	2.49		<2	7.19
BFD8051	10		56.00	10	1	1	1	4	2	N11101	1.76		<2	7.30
BFD8052	10		54.00	10	1	1	1	4	3	N11101	2.70		<2	7.53
BFD8053	10		28.00	10	1	1	1	4	2	N11101	3.58		<2	5.79
BFD8054	10		38.00	10	1	1	1	4	2	N11101	2.26		<2	7.12
BFD8055	10		40.00	10	1	1	1	4	2	N11101	3.67		<2	9.20
BFD8056	10		45.00	10	1	1	1	4	2	N11101	2.39		<2	7.63
BFD8057	10		32.00	10	1	1	1	4	3	N11101	2.72		<2	7.40
BFD8058	10		36.00	10	1	1	2	4	3	N11101	2.06		<2	7.88
BFD8059	10		32.00	09	1	1	2	4	2	N11101	2.08		<2	7.59
BFD8060	10		30.00	09	1	1	2	4	3	N11101	2.25		<2	4.18
BFD8061	10		36.00	10	1	1	1	4	3	N11101	3.30		<2	7.97
BFD8062	10		30.00	10	1	1	1	4	3	N11101	2.57		<2	7.28
BFD8063	10		38.00	10	1	1	2	4	3	N11101	2.55		<2	7.36
BFDC001	10		188.00	10	1	1	1	1	1	N11101	2.52		<2	7.44
BFDC002	10		190.00	10	1	1	1	1	1	N11101	3.41		<2	7.46
BFDC003	10		209.00	10	1	1	1	4	2	N11101	4.45		<2	6.93
BFDC004	10		188.00	10	1	1	1	1	1	N11101	4.03		<2	7.20
BFDC005	10		182.00	10	1	1	1	4	2	N11101	2.54		<2	7.22
BFDC006	10		160.00	10	1	1	2	4	2	N11101	2.57		<2	6.68
BFDC007	10		146.00	10	1	1	1	4	3	N11101	2.12		<2	6.25
BFDC008	10		152.00	10	1	1	1	4	3	N11101	3.84		<2	6.17
BFDC009	10		178.00	10	1	1	1	4	2	N11101	3.81		<2	6.26
BFDC010	10		152.00	10	1	1	2	4	3	N11101	1.59		<2	6.13
BFDC011	10		210.00	10	1	1	2	4	2	N11101	5.15		<2	3.29
BFDC012	10		166.00	10	1	1	1	4	3	N11101	2.50		<2	6.39
BFDC013	10		170.00	10	1	1	1	4	2	N11101	4.56		<2	6.43
BFDC014	10		154.00	10	1	1	3	4	3	N11101	2.66		<2	6.26
BFDC015	10		188.00	10	1	1	3	4	3	N11101	2.91		<2	6.49
BFDC016	10		146.00	10	1	1	1	4	2	N11101	3.09		<2	5.33
BFDC017	10		180.00	10	1	1	1	4	1	N11101	2.02		<2	6.49
BFDC018	10		163.00	10	1	1	1	4	2	N11101	2.50		<2	6.24
BFDC019	10		166.00	10	1	1	1	3	2	N11101	4.33		<2	7.08
BFDC020	10		173.00	10	1	1	2	4	2	N11101	2.66		<2	7.23
BFDC021	10		162.00	10	1	1	1	4	2	N11101	3.20		<2	7.51
BFDC022	10		159.00	10	1	1	1	4	2	N11101	2.88		<2	7.36
BFDC023	10		186.00	10	1	1	1	4	2	N11101	3.13		<2	6.47
BFDC024	10		174.00	10	1	1	1	1	1	N11101	2.69		<2	6.60
BFDC025	10		184.00	10	1	1	1	4	2	N11101	2.25		<2	7.09
BFDC026	10		184.00	10	1	1	1	4	3	N11101	2.28		<2	7.21
BFDC027	10		169.00	10	1	1	1	4	3	N11101	3.29		<2	7.87
BFDC028	10		190.00	10	1	1	2	4	2	N11101	2.62		<2	7.67

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFDB037	<10	830	<1	5.44	19	<4	37	42	0.45	<15	0.21	11	4	0.05	21
BFDB038	10	413	<1	14.05	21	<4	50	31	0.96	<15	0.38	9	11	0.26	85
BFDB039	45	764	1	4.48	44	5	63	27	2.02	<15	1.34	20	23	0.65	239
BFDB040	32	672	2	1.38	63	9	59	23	3.12	<15	1.56	31	33	0.97	526
BFDB041	58	544	1	5.61	32	5	68	25	2.00	<15	1.09	18	25	0.76	237
BFDB042	53	575	1	5.70	37	6	85	36	1.67	<15	0.96	17	21	0.76	222
BFDB043	71	868	1	2.87	41	6	102	47	2.60	<15	1.32	21	26	0.98	306
BFDB044	54	692	1	1.68	42	7	95	32	2.45	<15	1.44	22	25	0.81	335
BFDB045	30	744	1	1.14	43	<4	32	10	1.67	<15	1.02	23	18	0.43	328
BFDB046	25	622	1	0.97	39	5	33	11	1.72	<15	1.53	20	21	0.46	288
BFDB047	26	698	1	1.81	32	4	32	10	1.49	<15	1.76	17	23	0.58	246
BFDB048	37	673	1	1.26	31	<4	36	10	1.65	<15	1.75	16	20	0.53	246
BFDB049	16	805	2	1.50	33	<4	17	6	1.28	<15	1.82	18	17	0.36	250
BFDB050	13	710	2	1.93	89	4	20	7	1.69	<15	1.36	39	11	0.37	328
BFDB051	25	809	2	1.68	59	4	28	10	1.54	<15	1.71	26	16	0.44	262
BFDB052	24	831	2	2.68	63	4	28	11	1.71	<15	1.75	30	21	0.55	300
BFDB053	31	930	1	3.89	31	5	93	34	2.18	<15	1.51	18	26	0.76	274
BFDB054	16	750	2	1.63	70	<4	24	8	1.68	<15	1.74	33	13	0.48	266
BFDB055	22	661	2	1.09	81	6	46	17	3.08	<15	1.97	42	29	0.37	320
BFDB056	24	640	2	0.83	74	6	43	15	2.68	<15	1.95	37	23	0.75	320
BFDB057	18	673	2	1.09	66	6	32	13	2.42	<15	1.92	33	21	0.67	290
BFDB058	15	728	2	1.42	57	5	29	11	2.14	<15	1.85	25	23	0.68	346
BFDB059	18	689	2	1.96	61	6	35	14	2.41	<15	1.60	30	25	0.82	430
BFDB060	16	740	2	1.54	53	4	34	14	2.44	<15	1.83	25	26	0.76	429
BFDB061	17	741	2	1.88	77	6	32	11	2.33	<15	1.87	41	20	0.72	376
BFDB062	19	803	2	1.78	70	4	21	8	1.68	<15	1.83	34	18	0.44	371
BFDB063	39	691	2	1.42	61	6	43	18	2.60	<15	1.73	31	29	0.81	391
BFDC001	30	789	2	2.09	94	9	46	18	3.10	<15	1.79	47	26	0.98	518
BFDC002	37	777	2	2.05	72	9	49	18	3.06	<15	1.77	34	32	1.06	466
BFDC003	32	808	1	2.45	87	8	39	16	2.61	<15	1.68	43	24	0.85	475
BFDC004	28	768	2	1.94	79	8	44	17	2.97	<15	1.72	40	26	0.88	497
BFDC005	47	804	2	1.83	44	5	28	10	1.78	<15	2.00	21	26	0.52	300
BFDC006	42	951	1	2.08	61	8	63	19	2.51	<15	1.40	25	29	0.94	366
BFDC007	35	700	1	1.12	44	6	48	18	2.05	<15	1.52	22	20	0.62	289
BFDC008	41	723	1	1.65	44	5	50	21	1.97	<15	1.57	22	21	0.52	291
BFDC009	37	1004	1	2.70	36	<4	54	20	1.65	<15	1.48	20	23	0.56	264
BFDC010	24	775	1	1.23	27	<4	33	10	1.27	<15	1.65	15	13	0.37	180
BFDC011	22	440	1	15.06	17	4	48	30	1.42	<15	0.53	5	23	0.62	126
BFDC012	34	656	1	1.11	43	6	49	18	2.05	<15	1.66	20	23	0.57	271
BFDC013	42	584	1	0.95	49	6	53	23	2.42	<15	1.56	25	23	0.59	248
BFDC014	34	735	1	4.11	31	4	36	12	1.43	<15	1.51	16	19	0.46	214
BFDC015	34	673	1	1.65	46	6	41	14	2.00	18	1.55	23	19	0.50	301
BFDC016	25	590	1	3.77	33	5	71	23	1.93	<15	1.30	19	20	0.70	264
BFDC017	47	671	1	2.82	50	8	56	26	2.54	<15	1.41	25	30	1.09	354
BFDC018	41	854	1	1.51	46	5	49	21	1.90	<15	1.66	24	21	0.54	279
BFDC019	29	1039	1	2.90	61	8	48	27	2.64	<15	1.57	29	31	0.95	396
BFDC020	43	731	1	2.11	65	9	59	27	2.94	<15	1.48	32	30	1.11	459
BFDC021	34	789	1	2.70	50	7	47	18	2.32	<15	1.74	25	26	0.91	397
BFDC022	35	889	2	2.41	69	7	42	16	2.27	<15	1.56	31	21	0.82	441
BFDC023	44	836	1	2.94	37	5	56	18	1.98	<15	1.60	19	24	0.68	286
BFDC024	37	889	1	2.22	44	5	45	15	1.61	<15	1.68	21	19	0.55	251
BFDC025	33	728	1	1.72	55	8	47	18	2.46	<15	1.63	26	25	0.85	439
BFDC026	27	726	1	1.54	59	9	54	19	2.65	<15	1.48	29	25	1.01	520
BFDC027	32	786	1	1.62	56	9	56	21	2.96	<15	1.70	25	28	1.10	547
BFDC028	24	724	1	1.43	66	9	54	18	2.03	<15	1.56	32	24	0.78	461

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDB037	36	0.11	9	18	734	<10	2	319	5	1775	44	2	16	20
BFDB038	6	0.32	11	29	1310	<10	4	321	9	1139	96	8	50	14
BFDB039	13	1.19	10	45	1602	11	6	315	10	2304	120	12	97	25
BFDB040	<4	1.47	12	40	665	20	9	225	15	3642	77	17	89	34
BFDB041	4	1.04	9	39	1119	<10	7	245	7	2260	89	12	80	23
BFDB042	9	0.88	9	52	1227	<10	6	287	6	1922	118	11	92	21
BFDB043	12	1.15	8	65	1476	12	8	220	9	2622	129	15	123	30
BFDB044	11	1.13	10	61	1776	<10	7	224	6	2556	110	15	118	27
BFDB045	<4	1.63	8	18	768	<10	4	239	<2	2945	50	13	49	28
BFDB046	<4	1.60	9	17	463	11	5	216	4	2539	47	11	50	29
BFDB047	<4	1.77	7	16	695	<10	4	254	<2	2171	47	11	50	21
BFDB048	<4	1.69	6	18	958	12	5	246	2	2172	51	11	58	23
BFDB049	<4	2.43	8	9	433	13	3	409	4	2097	31	5	33	16
BFDB050	<4	2.13	21	11	1193	20	4	430	12	4298	61	21	37	22
BFDB051	<4	2.02	12	15	875	14	4	374	15	2542	50	13	44	21
BFDB052	5	2.16	13	15	1106	16	4	443	14	2633	54	14	54	21
BFDB053	12	1.22	8	67	3073	11	6	420	7	2423	137	13	119	31
BFDB054	4	1.86	13	13	980	16	5	322	7	3012	43	19	74	23
BFDB055	5	1.94	13	26	1116	<10	9	232	9	3087	66	21	87	29
BFDB056	<4	1.83	13	22	959	14	8	225	10	2796	60	16	111	27
BFDB057	5	1.99	12	18	1083	14	6	233	9	2492	49	17	72	23
BFDB058	<4	2.09	12	17	698	15	6	332	8	3248	53	16	58	23
BFDB059	<4	1.73	12	25	765	11	6	325	7	3037	57	16	63	25
BFDB060	<4	2.03	11	23	783	<10	6	328	3	3182	57	16	63	25
BFDB061	<4	2.10	15	16	1139	<10	7	325	7	3662	56	22	50	31
BFDB062	6	2.16	14	12	896	14	4	359	13	3277	47	17	42	23
BFDB063	8	1.60	13	26	857	19	7	280	6	2986	77	15	80	29
BFDC001	6	1.66	14	25	1144	17	6	267	13	3304	77	20	81	18
BFDC002	4	1.57	14	28	708	<10	8	258	8	3218	83	17	85	24
BFDC003	7	1.58	13	21	915	16	7	291	18	3105	74	18	71	16
BFDC004	5	1.59	14	23	2016	13	8	263	6	3188	77	19	79	18
BFDC005	<4	1.90	9	14	855	11	5	310	10	2181	52	12	53	23
BFDC006	4	1.43	10	46	694	17	8	283	15	2911	75	14	68	30
BFDC007	4	1.43	9	32	644	15	6	245	6	2315	66	11	72	25
BFDC008	6	1.42	8	30	1140	15	5	272	6	2124	69	14	83	24
BFDC009	13	1.57	9	36	1282	13	5	448	5	2295	80	14	92	27
BFDC010	4	1.66	6	20	653	29	3	276	2	1630	46	8	49	18
BFDC011	6	0.62	9	38	839	<10	4	527	5	1460	87	5	68	20
BFDC012	6	1.53	8	28	668	23	6	260	11	2259	67	11	69	25
BFDC013	5	1.35	10	37	566	12	7	238	6	2491	73	12	77	28
BFDC014	6	1.50	6	20	710	12	4	388	7	1806	58	10	60	20
BFDC015	5	1.55	10	22	884	<10	5	294	5	2524	62	14	56	24
BFDC016	8	1.13	7	47	1904	11	5	295	6	2129	101	12	90	22
BFDC017	<4	1.43	11	44	934	16	7	292	10	2746	90	13	78	30
BFDC018	6	1.67	9	30	966	84	5	291	5	2282	67	12	158	23
BFDC019	5	1.74	12	33	1000	615	7	328	9	2836	85	15	112	24
BFDC020	<4	1.51	13	42	931	61	8	294	8	3005	97	16	92	30
BFDC021	4	1.89	10	30	1116	15	7	335	8	2747	70	14	74	24
BFDC022	<4	1.91	15	29	1091	15	7	342	23	3269	66	17	60	25
BFDC023	7	1.63	8	37	1184	<10	6	335	5	2171	75	12	77	24
BFDC024	6	1.78	8	29	1062	19	5	328	5	1998	61	12	68	23
BFDC025	<4	1.80	12	32	670	34	7	287	3	3042	72	15	80	27
BFDC026	<4	1.58	11	38	911	45	9	275	5	3253	77	15	83	29
BFDC027	<4	1.77	11	38	1060	<10	9	288	5	3372	80	16	78	30
BFDC028	<4	1.91	11	33	355	12	8	310	14	3461	77	16	66	30

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDC	S-DE	ODOR	CON1	CON2	CON3	FORM
BFDC029	35.179	119.386	07	32880				3	1	1				9	QTRN
BFDC030	35.147	119.386	07	32880				3	1	1				9	QTRN
BFDC031	35.157	119.414	07	32880				3	1	1				9	QTRN
BFDC032	35.181	119.453	07	32880				3	1	1				9	QTRN
BFDC033	35.181	119.481	07	32880				3	1	1				9	QTRN
BFDC034	35.208	119.489	07	32880				3	1	1				9	QTRN
BFDC035	35.152	119.447	07	32880				3	1	1				5	QTRN
BFDC036	35.154	119.482	07	32880				3	1	1				9	QTRN
BFDC037	35.139	119.486	07	32880				3	1	1				9	QTRN
BFDC038	35.127	119.472	07	32880				3	1	1				9	QTRN
BFDC039	35.110	119.473	07	32880				3	1	1				9	QTRN
BFDC040	35.087	119.475	07	32880				3	1	1				9	QTRN
BFDC041	35.115	119.454	07	32880				3	1	1				9	QTRN
BFDC042	35.085	119.434	07	32880				3	1	1				9	QTRN
BFDC043	35.239	119.260	07	32980				4	1	1			1	9	QTRN
BFDC044	35.208	119.269	07	32980				4	1	1				7	QTRN
BFDC045	35.209	119.302	07	32980				4	1	1				7	QTRN
BFDC046	35.208	119.343	07	32980				4	1	1				7	QTRN
BFDC047	35.180	119.303	07	32980				4	1	1				7	QTRN
BFDC048	35.152	119.303	07	32980				4	1	1				7	QTRN
BFDC049	35.151	119.268	07	32980				4	1	1				7	QTRN
BFDC050	35.180	119.269	07	32980				4	1	1				7	QTRN
BFDC051	35.120	119.269	07	32980				4	1	1				7	QTRN
BFDC052	35.108	119.304	07	32980				4	1	1				7	QTRN
BFDC053	35.108	119.339	07	32980				4	1	1				7	QTRN
BFDC054	35.103	119.368	07	32980				4	1	1			1	7	QTRN
BFDC055	35.076	119.313	07	32980				4	1	1				7	QTRN
BFDC056	35.076	119.277	07	32980				4	1	1				7	QTRN
BFDC057	35.076	119.340	07	32980				4	1	1				7	QTRN
BFDC058	35.067	119.375	07	32980				3	1	1			1	9	QTRN
BFDC059	35.137	119.345	06	32780				3	1	1				5	QTRN
BFDC060	35.157	119.335	06	32780				3	1	1				5	QTRN
BFDC061	35.146	119.370	07	32780				4	1	1				5	QTRN
BFDC062	35.165	119.367	06	32780				4	1	1				5	QTRN
BFDC063	35.182	119.358	06	32780				3	1	1				5	QTRN
BFDC064	35.203	119.361	06	32780				4	1	1				5	QTRN
BFDC065	35.233	119.366	06	32780				3	1	1				2	QTRN
BFDC066	35.234	119.340	06	32780				3	1	1				2	QTRN
BFDC067	35.239	119.314	06	32780				3	1	1				2	QTRN
BFDD001	35.237	119.021	07	31880				4	1	1			1	7	QTRN
BFDD002	35.239	119.056	07	31880				4	1	1			1	7	QTRN
BFDD003	35.238	119.090	07	31880				4	1	1			1	7	QTRN
BFDD004	35.238	119.118	07	31880				4	1	1			1	7	QTRN
BFDD005	35.209	119.117	07	31880				4	1	1			1	7	QTRN
BFDD006	35.208	119.091	07	31880				4	1	1		1	7	8	QTRN
BFDD007	35.208	119.054	07	31880				4	1	1			1	7	QTRN
BFDD008	35.209	119.017	07	31880				4	1	1			1	7	QTRN
BFDD009	35.179	119.021	07	31880				4	1	1			1	7	QTRN
BFDD010	35.179	119.053	07	31880				4	1	1			1	7	QTRN
BFDD011	35.179	119.090	07	31880				4	1	1				7	QTRN
BFDD012	35.181	119.119	07	31880				4	1	1			1	7	QTRN
BFDD013	35.151	119.116	07	31880				4	1	1				7	QTRN
BFDD014	35.152	119.083	07	31880				4	1	1			1	7	QTRN
BFDD015	35.152	119.051	07	31880				4	1	1			1	7	QTRN
BFDD016	35.152	119.018	07	31880				4	1	1			1	7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFDC029	10		180.00	10	1	1	2	4	2	N11101	2.04		<2	7.30
BFDC030	10		180.00	10	1	1	2	4	2	N11101	5.24		<2	6.07
BFDC031	10		170.00	10	1	1	1	4	2	N11101	1.73		<2	7.15
BFDC032	10		168.00	10	1	1	1	4	1	N11101	2.11		<2	6.77
BFDC033	10		165.00	10	1	1	1	4	2	N11101	2.61		<2	6.68
BFDC034	10		152.00	10	1	1	2	4	2	N11101	5.04		<2	6.43
BFDC035	10		176.00	10	1	1	1	4	2	N11101	3.57		<2	6.05
BFDC036	10		180.00	10	1	1	1	4	2	N11101	3.12		<2	7.06
BFDC037	10		168.00	10	1	1	1	4	3	N11101	2.39		<2	7.31
BFDC038	10		176.00	10	1	1	2	4	3	N11101	2.35		<2	7.33
BFDC039	10		172.00	10	1	1	1	4	2	N11101	2.14		<2	6.84
BFDC040	10		182.00	10	1	1	2	4	2	N11101	5.39		<2	7.83
BFDC041	10		178.00	10	1	1	2	4	3	N11101	3.12		<2	6.59
BFDC042	10		168.00	10	1	1	2	4	3	N11101	3.29		<2	6.44
BFDC043	10		44.00	10	1	1	1	4	2	N11101	3.40		<2	7.60
BFDC044	10		42.00	10	1	1	1	1	2	N11101	7.43		<2	8.11
BFDC045	10		44.00	10	1	1	1	1	2	N11101	12.91		<2	8.00
BFDC046	10		44.00	10	1	1	1	1	2	N11101	12.19		<2	7.91
BFDC047	10		46.00	10	1	1	1	1	2	N11101	8.81		<2	8.09
BFDC048	10		40.00	10	1	1	1	1	2	N11101	4.67		<2	7.44
BFDC049	10		40.00	10	1	1	1	1	2	N11101	5.38		<2	7.71
BFDC050	10		42.00	10	1	1	1	1	2	N11101	13.56		<2	8.03
BFDC051	10		40.00	10	1	1	1	1	2	N11101	2.40		<2	6.82
BFDC052	10		38.00	10	1	1	1	1	2	N11101	2.55		<2	7.03
BFDC053	10		40.00	10	1	1	1	1	2	N11101	2.90		<2	7.27
BFDC054	10		30.00	10	1	1	1	4	2	N11101	3.44		<2	5.91
BFDC055	10		40.00	10	1	1	1	1	2	N11101	2.58		<2	6.78
BFDC056	10		40.00	10	1	1	1	1	2	N11101	2.26		<2	7.47
BFDC057	10		38.00	10	1	1	1	1	2	N11101	3.26		<2	6.94
BFDC058	10		28.00	10	1	1	1	4	2	N11101	2.27		<2	6.07
BFDC059	15		48.00	10	1	1	2	4	1	N11101	1.71		<2	7.65
BFDC060	5		48.00	10	1	1	2	4	1	N11101	2.16		<2	7.74
BFDC061	15		42.00	10	1	1	2	4	1	N11101	1.63		<2	7.30
BFDC062	15		38.00	10	1	1	2	4	1	N11101	2.23		<2	7.35
BFDC063	15		35.00	10	1	1	2	4	1	N11101	2.71		<2	7.60
BFDC064	15		49.00	10	1	1	2	4	1	N11101	4.26		<2	6.49
BFDC065	15		41.00	10	1	1	2	4	1	N11101	2.87		<2	7.47
BFDC066	15		41.00	10	1	1	2	4	1	N11101	3.66		<2	7.14
BFDC067	15		38.00	10	1	1	2	4	1	N11101	4.57		<2	6.95
BFDD001	10		45.00	10	1	1	1	1	1	N11101	4.29		<2	8.93
BFDD002	10		40.00	10	1	1	1	1	1	N11101	4.80		<2	8.40
BFDD003	10		42.00	10	1	1	1	1	1	N11101	11.37		<2	8.65
BFDD004	10		45.00	10	1	1	1	1	1	N11101	6.10		<2	8.97
BFDD005	10		50.00	10	1	1	1	1	2	N11101	7.82		<2	8.80
BFDD006	10		52.00	10	1	1	1	1	2	N11101	3.76		<2	9.44
BFDD007	10		52.00	10	1	1	1	1	2	N11101	5.38		<2	8.37
BFDD008	10		46.00	10	1	1	1	1	2	N11101	4.41		<2	8.36
BFDD009	10		55.00	10	1	1	1	1	2	N11101	11.66		<2	8.20
BFDD010	10		52.00	10	1	1	1	1	2	N11101	10.12		<2	9.03
BFDD011	10		50.00	10	1	1	1	1	2	N11101	16.46		<2	7.55
BFDD012	10		50.00	10	1	1	1	1	2	N11101	32.12		<2	7.35
BFDD013	10		50.00	10	1	1	1	1	2	N11101	20.58		<2	7.19
BFDD014	10		46.00	10	1	1	1	1	2	N11101	3.34		<2	6.37
BFDD015	10		42.00	10	1	1	1	1	2	N11101	16.75		<2	8.40
BFDD016	10		46.00	10	1	1	1	1	2	N11101	27.15		<2	7.80

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFDC029	29	722	1	1.59	58	7	50	18	2.58	<15	1.61	28	27	0.99	455
BFDC030	16	535	1	5.39	52	6	40	17	2.18	<15	1.24	25	26	0.84	299
BFDC031	36	668	1	4.08	50	9	56	29	2.98	<15	1.44	34	34	1.30	391
BFDC032	44	783	1	2.79	46	8	55	22	2.54	<15	1.49	22	33	1.03	417
BFDC033	48	687	1	2.30	44	8	66	26	2.75	<15	1.40	22	29	1.15	374
BFDC034	30	591	1	5.46	48	8	54	24	2.64	<15	1.39	24	31	0.90	444
BFDC035	40	946	1	2.44	40	5	54	24	1.91	<15	1.40	20	18	0.57	308
BFDC036	40	733	1	1.88	50	8	71	27	2.99	<15	1.61	25	30	1.19	443
BFDC037	34	749	1	1.76	56	8	57	28	2.71	<15	1.62	25	29	0.97	386
BFDC038	31	720	2	1.40	57	7	48	20	2.68	<15	1.58	26	23	0.81	387
BFDC039	39	729	1	2.03	56	8	51	22	2.55	<15	1.52	28	27	0.93	391
BFDC040	30	1033	2	1.89	64	4	29	13	2.00	<15	1.63	22	17	0.41	253
BFDC041	37	689	1	2.07	62	7	47	23	2.63	<15	1.45	30	27	0.90	442
BFDC042	37	633	1	4.88	50	6	50	25	2.51	<15	1.38	24	35	1.02	404
BFDC043	41	739	2	2.87	60	5	25	7	2.28	<15	1.51	30	23	0.88	495
BFDC044	32	810	2	2.56	62	6	29	17	2.80	<15	1.63	35	36	0.78	523
BFDC045	57	649	2	1.49	76	11	61	35	4.26	<15	1.37	40	55	1.03	550
BFDC046	69	587	2	1.36	73	12	66	36	3.85	<15	1.47	37	57	1.01	377
BFDC047	47	685	2	1.77	91	11	58	31	3.79	<15	1.60	41	54	1.02	554
BFDC048	56	733	2	1.84	60	8	50	22	2.61	<15	1.66	30	35	0.77	296
BFDC049	62	820	2	2.21	76	11	57	26	3.16	<15	1.65	35	44	1.10	436
BFDC050	70	572	2	1.39	77	11	54	34	3.60	<15	1.50	40	61	0.97	419
BFDC051	32	849	1	2.36	94	8	39	15	2.87	<15	1.66	48	21	0.76	518
BFDC052	39	749	2	2.11	67	8	47	19	2.61	<15	1.75	25	28	0.94	440
BFDC053	59	706	2	2.35	79	8	47	20	3.07	<15	1.75	40	34	1.06	477
BFDC054	48	927	1	2.48	40	6	58	20	2.05	<15	1.39	22	26	0.72	284
BFDC055	37	840	2	2.06	84	6	35	13	2.43	<15	1.74	42	23	0.66	437
BFDC056	35	870	2	2.45	85	8	42	18	2.92	<15	1.81	43	26	0.91	497
BFDC057	52	875	2	1.68	60	5	32	13	1.90	<15	1.80	30	28	0.55	316
BFDC058	23	764	1	1.09	41	4	36	12	1.43	<15	1.71	20	17	0.36	199
BFDC059	31	794	1	1.53	60	6	41	13	2.27	<15	1.82	30	22	0.74	374
BFDC060	30	807	1	1.88	71	5	34	12	2.10	<15	1.77	34	19	0.65	442
BFDC061	44	739	2	2.26	66	8	41	16	2.29	<15	1.55	32	25	0.79	489
BFDC062	43	666	1	1.76	57	8	52	20	2.71	<15	1.73	29	32	1.00	461
BFDC063	31	790	1	1.98	70	5	34	14	2.03	<15	1.93	33	25	0.66	407
BFDC064	56	753	1	2.94	50	7	75	30	2.67	<15	1.47	25	34	0.93	371
BFDC065	33	761	1	2.48	60	6	39	16	2.25	<15	1.79	29	23	0.81	414
BFDC066	26	778	1	2.34	78	5	36	11	2.52	<15	1.60	40	18	0.66	469
BFDC067	36	705	1	3.40	60	6	43	34	3.12	<15	1.61	31	21	0.80	640
BFDD001	26	649	2	3.08	60	8	28	11	3.51	<15	1.54	29	33	1.13	694
BFDD002	25	626	2	2.96	68	10	28	16	3.76	<15	1.45	33	39	1.27	795
BFDD003	30	644	2	2.66	66	11	33	22	3.86	<15	1.55	33	52	1.27	732
BFDD004	19	724	2	2.86	54	9	28	12	3.36	<15	1.53	25	35	1.11	675
BFDD005	29	659	2	2.60	75	11	32	17	3.65	<15	1.53	37	42	1.19	668
BFDD006	21	628	2	3.58	71	8	25	8	3.45	<15	1.28	33	22	1.11	759
BFDD007	28	617	2	2.82	53	9	29	16	3.45	<15	1.40	26	33	1.12	574
BFDD008	22	633	2	2.81	54	10	30	16	3.62	<15	1.39	25	36	1.21	737
BFDD009	28	596	2	2.21	61	11	34	21	3.76	<15	1.51	31	53	1.13	592
BFDD010	30	603	2	2.34	56	11	33	19	3.71	<15	1.42	29	49	1.14	618
BFDD011	36	609	2	2.75	77	11	40	25	3.61	<15	1.54	37	51	1.17	580
BFDD012	33	545	1	1.64	63	11	39	34	3.65	<15	1.34	34	75	1.03	391
BFDD013	51	567	2	1.46	64	11	53	34	3.71	<15	1.40	23	60	1.04	357
BFDD014	32	925	1	3.12	52	4	41	25	1.58	<15	1.53	25	22	0.62	306
BFDD015	38	570	2	1.81	84	14	55	38	5.02	<15	1.36	42	70	1.23	462
BFDD016	45	587	2	2.09	61	13	47	29	4.76	<15	1.54	32	59	1.20	614

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDC029	<4	1.73	9	30	837	25	8	286	11	2894	68	14	77	25
BFDC030	<4	1.39	12	28	983	12	6	593	11	2588	67	13	59	20
BFDC031	<4	1.72	11	41	972	18	8	327	9	3020	81	15	80	30
BFDC032	<4	1.79	10	38	936	25	7	302	4	2823	81	13	78	28
BFDC033	<4	1.40	9	46	790	10	8	269	6	2796	84	12	80	29
BFDC034	<4	1.47	12	39	1174	27	7	313	7	2700	116	14	75	24
BFDC035	10	1.58	9	30	1007	350	5	333	5	2287	70	13	140	21
BFDC036	4	1.50	9	49	1107	14	9	266	10	3082	50	14	72	32
BFDC037	<4	1.70	10	46	788	92	8	284	12	2936	78	14	169	30
BFDC038	<4	1.72	12	34	763	22	7	301	7	3166	78	15	70	27
BFDC039	<4	1.59	10	40	743	30	7	289	9	2908	75	14	83	29
BFDC040	19	2.22	12	15	731	<10	4	619	5	3001	68	13	45	19
BFDC041	<4	1.58	13	39	991	33	7	312	10	2919	90	16	80	25
BFDC042	<4	1.46	10	38	1186	<10	7	403	10	2726	58	15	67	27
BFDC043	<4	2.66	13	11	1105	<10	8	417	6	3174	58	17	55	20
BFDC044	9	2.16	12	14	768	<10	8	393	8	3341	71	16	79	22
BFDC045	15	1.09	12	31	1071	21	11	283	17	3473	107	17	128	27
BFDC046	9	1.18	12	37	960	20	10	267	13	3271	106	17	113	27
BFDC047	8	1.48	12	30	954	18	10	304	13	3410	100	17	99	24
BFDC048	4	1.75	10	26	940	17	7	325	12	2709	81	16	79	25
BFDC049	6	1.54	13	30	1107	23	9	300	16	3091	83	17	92	21
BFDC050	16	1.25	11	28	861	23	11	324	15	3382	101	18	108	25
BFDC051	5	1.79	12	19	1037	15	7	327	8	3259	70	21	62	15
BFDC052	5	1.56	11	26	938	19	8	278	7	2875	75	16	87	18
BFDC053	<4	1.68	12	24	937	16	8	316	8	3252	79	18	87	20
BFDC054	8	1.37	9	35	1161	12	6	374	7	2393	79	13	75	25
BFDC055	<4	1.83	12	19	1050	12	6	298	15	2977	64	15	62	21
BFDC056	5	1.81	12	21	1019	11	8	306	5	3325	73	20	76	17
BFDC057	<4	1.94	12	17	904	18	5	299	16	2348	57	14	65	25
BFDC058	4	1.64	7	22	853	33	4	273	14	1775	51	10	55	23
BFDC059	<4	2.05	11	24	811	16	6	322	10	2999	64	16	57	24
BFDC060	<4	2.19	15	18	1031	13	6	368	7	3844	62	20	49	24
BFDC061	<4	2.03	13	31	786	16	7	329	4	3319	68	17	53	26
BFDC062	<4	1.77	11	32	947	14	8	277	11	3051	78	15	79	27
BFDC063	<4	2.42	14	21	974	11	6	346	7	3543	61	18	60	26
BFDC064	10	1.76	9	47	1346	19	8	304	13	2721	101	15	102	28
BFDC065	<4	2.16	12	26	980	20	6	348	7	3156	65	17	59	23
BFDC066	<4	2.09	17	20	1062	17	6	350	13	4264	72	21	45	22
BFDC067	<4	1.96	15	22	3332	19	7	360	3	4384	84	20	78	26
BFDD001	<4	2.53	15	11	922	10	12	420	11	4624	87	20	97	21
BFDD002	<4	2.16	16	13	1260	25	13	408	5	4750	57	21	94	19
BFDD003	<4	1.98	13	17	1119	20	11	372	16	4196	92	17	103	20
BFDD004	<4	2.50	12	12	904	12	11	409	11	4310	85	15	78	20
BFDD005	<4	2.02	15	15	972	<10	12	377	14	4430	97	21	91	25
BFDD006	<4	2.42	18	9	1032	11	13	490	12	5151	90	26	65	21
BFDD007	<4	2.14	13	12	990	30	11	379	7	4290	84	15	88	23
BFDD008	<4	2.13	13	12	981	<10	12	385	<2	4489	94	15	91	19
BFDD009	<4	1.91	12	17	950	10	10	332	10	3990	91	17	95	22
BFDD010	<4	1.88	12	16	860	17	10	347	9	3977	89	16	92	22
BFDD011	<4	1.72	13	21	1399	29	10	326	16	3672	87	17	97	20
BFDD012	<4	1.24	9	22	706	15	9	236	13	3363	53	16	101	21
BFDD013	7	1.10	10	29	879	16	10	262	14	3142	101	16	103	22
BFDD014	<4	1.59	11	19	1005	18	5	349	10	2471	45	14	60	27
BFDD015	16	0.93	12	24	880	17	13	252	16	4258	120	20	120	24
BFDD016	14	1.54	11	27	1032	18	11	302	<2	3826	100	15	114	23

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CDCR	CON1	CON2	CON3	FORM
BFDD017	35.053	119.019	07	31980				4	1	1				7	QTRN
BFDD018	35.036	119.023	06	31980				4	1	1				9	QTRN
BFDD019	35.036	119.045	06	31980				4	1	1				9	QTRN
BFDD020	35.054	119.054	07	31980				4	1	1				7	QTRN
BFDD021	35.022	119.064	06	31980				4	1	1				9	QTRN
BFDD022	35.023	119.091	06	31980				4	1	1				9	QTRN
BFDD023	35.019	119.116	06	31980				4	1	1		7	8	9	QTRN
BFDD024	35.051	119.117	07	31980				4	1	1				7	QTRN
BFDD025	35.049	119.090	07	31980				4	1	1				7	QTRN
BFDD026	35.041	119.072	07	31980				4	1	1				7	QTRN
BFDD027	35.076	119.020	07	31980				4	1	1			1	7	QTRN
BFDD028	35.076	119.056	07	31980				4	1	1			1	7	QTRN
BFDD029	35.076	119.091	07	31980				4	1	1			1	7	QTRN
BFDD030	35.077	119.123	07	31980				4	1	1				7	QTRN
BFDD031	35.108	119.117	07	31980				4	1	1				7	QTRN
BFDD032	35.108	119.090	07	31980				4	1	1				7	QTRN
BFDD033	35.101	119.055	07	31980				4	1	1				7	QTRN
BFDD034	35.102	119.019	07	31980				4	1	1				7	QTRN
BFDD035	35.137	119.029	07	31980				4	1	1				7	QTRN
BFDD036	35.131	119.056	07	31980				4	1	1				7	QTRN
BFDD037	35.133	119.092	07	31980				4	1	1				7	QTRN
BFDD038	35.136	119.116	07	31980				4	1	1				2	QTRN
BFDD039	35.042	119.134	07	32180				4	1	1				7	QTRN
BFDD040	35.020	119.134	07	32180				4	1	1				7	QTRN
BFDD041	35.021	119.165	06	32180				3	1	1			1	8	QTRN
BFDD042	35.044	119.165	07	32180				4	1	1				7	QTRN
BFDD043	35.075	119.171	07	32180				4	1	1				7	QTRN
BFDD044	35.074	119.205	07	32180				3	1	1				7	QTRN
BFDD045	35.069	119.233	07	32180				4	1	1		1	9	7	QTRN
BFDD046	35.018	119.240	06	32180				4	1	1			9	8	QTRN
BFDD047	35.018	119.211	06	32180				3	1	1			9	8	QTRN
BFDD048	35.039	119.233	07	32180				4	1	1				7	QTRN
BFDD049	35.041	119.205	06	32180				1	1	1				9	QTRN
BFDD050	35.094	119.235	07	32180				4	1	1			1	7	QTRN
BFDD051	35.116	119.234	07	32180				4	1	1				7	QTRN
BFDD052	35.116	119.202	07	32180				4	1	1				7	QTRN
BFDD053	35.094	119.204	07	32180				4	1	1			1	7	QTRN
BFDD054	35.095	119.171	07	32180				4	1	1			1	7	QTRN
BFDD055	35.117	119.171	07	32180				4	1	1				7	QTRN
BFDD056	35.116	119.136	07	32180				4	1	1				7	QTRN
BFDD057	35.096	119.135	07	32180				4	1	1				7	QTRN
BFDD058	35.076	119.134	07	31980				4	1	1	2			7	QTRN
BFDD059	35.181	119.137	07	32380				4	1	1			1	7	QTRN
BFDD060	35.156	119.162	07	32180				4	1	1				7	QTRN
BFDD061	35.137	119.139	07	32380				4	1	1				7	QTRN
BFDD062	35.137	119.162	07	32380				4	1	1				7	QTRN
BFDD063	35.136	119.190	07	32380				4	1	1				7	QTRN
BFDD064	35.180	119.160	07	32380				4	1	1		1	9	7	QTRN
BFDD065	35.181	119.185	07	32380				4	1	1		1	7	9	QTRN
BFDD066	35.181	119.211	07	32380				4	1	1			7	9	QTRN
BFDD067	35.156	119.189	07	32380				4	1	1				7	QTRN
BFDD068	35.155	119.217	07	32380				4	1	1				7	QTRN
BFDD069	35.138	119.245	07	32380				4	1	1				2	QTRN
BFDD070			07	32380				4	1	1				7	QTRN
BFDD071	35.179	119.233	07	32380				4	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	S_VL	RELF	TVEG	OVEG	MAP	U-FL	U-IIT	AG	AL
BFDD017	10		40.00	10	1	1	1	1	2	N11101	3.27		<2	7.00
BFDD018	10		36.00	10	1	1	1	4	2	N11101	4.84		<2	7.00
BFDD019	10		35.00	10	1	1	1	4	2	N11101	3.20		<2	5.99
BFDD020	10		38.00	10	1	1	1	1	2	N11101	3.96		<2	6.65
BFDD021	10		39.00	10	1	1	2	4	1	N11101	3.49		<2	6.04
BFDD022	10		40.00	10	1	1	1	4	3	N11101	2.09		<2	6.26
BFDD023	10		40.00	10	1	1	1	4	3	N11101	13.13		<2	7.65
BFDD024	10		39.00	10	1	1	1	1	2	N11101	2.72		<2	6.99
BFDD025	10		42.00	10	1	1	1	1	2	N11101	2.76		<2	6.68
BFDD026	10		35.00	10	1	1	1	1	2	N11101	2.89		<2	6.04
BFDD027	10		36.00	10	1	1	1	1	2	N11101	2.22		<2	6.16
BFDD028	10		36.00	10	1	1	1	1	2	N11101	2.96		<2	7.10
BFDD029	10		34.00	10	1	1	1	1	2	N11101	2.06		<2	6.86
BFDD030	10		38.00	10	1	1	1	1	2	N11101	3.01		<2	6.64
BFDD031	10		42.00	10	1	1	1	1	2	N11101	2.64		<2	6.80
BFDD032	10		39.00	10	1	1	1	1	2	N11101	3.14		<2	6.81
BFDD033	10		40.00	10	1	1	1	1	2	N11101	3.39		<2	6.57
BFDD034	10		36.00	10	1	1	1	1	2	N11101	2.42		<2	6.84
BFDD035	10		40.00	10	1	1	1	1	2	N11101	16.95		<2	7.45
BFDD036	10		40.00	10	1	1	1	1	2	N11101	14.52		<2	3.11
BFDD037	10		35.00	10	1	1	1	1	2	N11101	2.27		<2	5.97
BFDD038	10		38.00	10	1	1	1	1	2	N11101	4.50		<2	7.84
BFDD039	10		46.00	10	1	1	1	1	2	N11101	2.47		<2	6.77
BFDD040	10		32.00	10	1	1	1	1	2	N11101	3.00		<2	6.43
BFDD041	10		40.00	10	1	1	1	4	3	N11101	3.59		<2	7.22
BFDD042	10		36.00	10	1	1	1	1	2	N11101	2.75		<2	6.46
BFDD043	10		38.00	10	1	1	1	1	2	N11101	3.60		<2	7.03
BFDD044	10		36.00	10	1	1	1	1	2	N11101	2.70		<2	6.82
BFDD045	10		36.00	10	1	1	1	1	2	N11101	3.55		<2	7.40
BFDD046	10		36.00	10	1	1	2	4	2	N11101	1.69		<2	6.29
BFDD047	10		38.00	10	1	1	1	4	3	N11101	2.43		<2	6.92
BFDD048	10		39.00	10	1	1	1	1	2	N11101	2.77		<2	6.95
BFDD049	10		42.00	04	1	1	1	4	3	N11101	3.96		<2	6.68
BFDD050	10		42.00	10	1	1	1	1	2	N11101	3.12		<2	7.25
BFDD051	10		44.00	10	1	1	1	1	2	N11101	3.42		<2	7.11
BFDD052	10		44.00	10	1	1	1	1	2	N11101	2.72		<2	7.43
BFDD053	10		44.00	10	1	1	1	1	2	N11101	2.96		<2	7.16
BFDD054	10		42.00	10	1	1	1	1	2	N11101	3.24		<2	7.47
BFDD055	10		44.00	10	1	1	1	1	2	N11101	3.51		<2	7.30
BFDD056	10		44.00	10	1	1	1	1	2	N11101	3.78		<2	7.77
BFDD057	10		42.00	10	1	1	1	1	2	N11101	3.18		<2	7.42
BFDD058	10		40.00	10	1	1	1	1	2	N11101	3.14		<2	6.95
BFDD059	10		40.00	10	1	1	1	1	2	N11101	29.54		<2	7.35
BFDD060	10		38.00	10	1	1	1	1	2	N11101	3.92		<2	7.03
BFDD061	10		40.00	10	1	1	1	1	2	N11101	2.52		<2	7.48
BFDD062	10		42.00	10	1	1	1	1	2	N11101	2.52		<2	7.74
BFDD063	10		42.00	10	1	1	1	1	2	N11101	2.69		<2	6.76
BFDD064	10		38.00	10	1	1	1	1	2	N11101	19.74		<2	7.30
BFDD065	10		40.00	10	1	1	1	1	2	N11101	8.70		<2	7.39
BFDD066	10		40.00	10	1	1	1	1	2	N11101	12.49		<2	6.98
BFDD067	10		42.00	10	1	1	1	1	2	N11101	4.22		<2	6.29
BFDD068	10		38.00	10	1	1	1	1	2	N11101	5.79		<2	7.80
BFDD069	10		38.00	10	1	1	1	4	3	N11101	2.19		<2	6.64
BFDD070	10		40.00	10	1	1	1	1	2	N11101	3.42		<2	6.83
BFDD071	10		40.00	10	1	1	1	1	2	N11101	4.81		<2	6.73

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	NG	MN
BFDD0017	30	662	2	2.76	53	9	49	19	2.01	<15	1.65	27	35	1.07	453
BFDD0018	23	1086	2	3.47	63	7	35	12	2.39	<15	1.39	30	28	0.76	441
BFDD0019	10	916	1	3.09	31	<4	26	7	1.24	<15	1.66	16	19	0.56	249
BFDD0020	39	685	1	2.65	50	6	50	17	2.43	<15	1.62	25	29	0.94	352
BFDD0021	29	828	2	3.20	49	4	38	11	1.74	<15	1.59	24	26	0.79	259
BFDD0022	28	834	1	3.17	42	<4	28	7	1.08	<15	1.65	20	17	0.42	231
BFDD0023	39	599	2	1.49	65	12	51	30	4.10	<15	1.40	34	52	1.04	494
BFDD0024	38	791	1	2.52	53	7	50	18	2.46	<15	1.70	26	30	0.91	379
BFDD0025	36	681	1	2.27	52	6	49	17	2.39	<15	1.57	26	25	0.86	341
BFDD0026	20	926	2	3.57	52	4	34	11	1.67	<15	1.61	27	21	0.66	295
BFDD0027	20	714	1	2.66	48	5	34	13	1.97	<15	1.61	23	19	0.67	366
BFDD0028	41	806	2	3.29	59	7	47	16	2.54	<15	1.64	25	34	0.97	391
BFDD0029	41	731	1	2.05	47	6	40	15	2.06	<15	1.71	22	23	0.79	316
BFDD0030	38	2502	2	2.41	53	6	66	15	2.22	<15	1.69	26	29	0.98	340
BFDD0031	50	744	2	2.20	60	7	50	17	2.46	<15	1.77	29	27	0.97	386
BFDD0032	84	703	2	2.28	54	8	59	20	2.87	<15	1.63	26	32	1.24	440
BFDD0033	39	666	1	2.67	49	7	49	17	2.72	<15	1.69	25	32	1.23	445
BFDD0034	39	759	1	2.38	55	7	45	15	2.56	<15	1.81	26	28	0.91	429
BFDD0035	52	541	2	2.81	71	14	54	35	4.65	<15	1.37	35	67	1.28	532
BFDD0036	53	550	2	2.02	76	14	56	39	5.04	<15	1.34	42	69	1.26	506
BFDD0037	18	850	1	2.15	54	<4	26	9	1.21	<15	1.74	26	15	0.43	270
BFDD0038	59	743	2	2.03	76	10	52	23	3.13	<15	1.89	37	43	1.21	526
BFDD0039	26	713	1	2.03	49	7	51	17	2.70	<15	1.71	24	30	1.05	433
BFDD0040	40	734	1	3.20	48	6	41	14	1.97	<15	1.61	24	26	0.83	320
BFDD0041	31	868	1	1.13	63	8	45	17	2.72	<15	1.89	31	27	0.78	453
BFDD0042	18	741	1	1.43	66	6	35	12	2.09	<15	1.81	31	22	0.65	366
BFDD0043	33	764	2	2.14	91	8	46	17	2.82	<15	1.79	46	32	0.88	442
BFDD0044	21	766	2	2.09	80	8	50	17	2.92	<15	1.63	37	28	0.95	469
BFDD0045	51	794	2	1.83	63	9	64	28	3.19	<15	1.80	31	38	1.12	431
BFDD0046	22	857	1	1.70	35	4	26	11	1.63	<15	1.79	17	15	0.44	252
BFDD0047	26	1271	1	1.59	54	7	48	16	2.70	<15	1.97	29	27	0.93	465
BFDD0048	26	766	1	1.74	52	8	50	24	2.63	<15	1.71	26	26	0.85	376
BFDD0049	33	790	2	2.12	73	9	48	19	2.92	<15	1.65	36	33	0.93	444
BFDD0050	26	789	1	1.86	56	8	51	18	2.63	<15	1.83	28	29	0.95	399
BFDD0051	26	753	2	2.15	72	9	53	20	2.67	<15	1.64	34	29	1.07	443
BFDD0052	25	740	2	2.04	75	12	66	25	3.49	<15	1.74	35	37	1.24	512
BFDD0053	27	753	2	2.16	81	10	57	21	3.18	<15	1.77	38	35	1.07	480
BFDD0054	33	752	2	2.38	79	9	56	23	3.22	<15	1.97	36	40	1.09	475
BFDD0055	37	690	2	2.43	75	11	60	23	3.40	<15	1.74	34	38	1.25	519
BFDD0056	55	697	2	1.98	77	12	68	28	3.63	<15	1.89	36	41	1.35	558
BFDD0057	41	712	2	2.22	76	10	61	23	3.24	<15	1.66	35	34	1.13	471
BFDD0058	32	760	2	2.27	69	9	60	23	2.89	<15	1.65	32	31	1.10	433
BFDD0059	50	551	2	1.42	72	11	41	37	3.83	<15	1.15	26	74	1.02	333
BFDD0060	60	775	2	2.01	68	9	54	19	2.02	<15	1.73	32	30	1.09	670
BFDD0061	62	732	2	2.10	72	12	72	27	3.71	<15	1.73	34	38	1.70	586
BFDD0062	65	711	2	2.18	76	11	68	27	3.67	<15	1.73	35	39	1.47	564
BFDD0063	29	748	1	2.21	64	5	37	12	2.29	<15	1.79	34	25	0.80	384
BFDD0064	46	652	2	2.13	66	9	37	27	3.23	<15	1.40	34	54	0.96	375
BFDD0065	39	619	2	2.14	78	9	34	24	3.32	<15	1.52	40	46	0.87	401
BFDD0066	34	722	2	2.61	64	8	37	25	2.57	<15	1.35	34	48	0.86	330
BFDD0067	56	797	1	1.86	47	6	50	18	2.36	<15	1.61	25	28	1.13	391
BFDD0068	78	714	2	2.00	56	11	68	28	3.65	<15	2.02	32	48	1.98	571
BFDD0069	23	761	1	2.33	55	6	40	14	2.21	<15	1.65	26	21	0.69	356
BFDD0070	21	902	2	2.93	77	8	41	16	2.89	<15	1.63	37	30	0.86	528
BFDD0071	28	1472	2	3.21	62	5	24	11	2.21	<15	1.49	32	23	0.65	459

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDD017	<4	1.39	13	23	895	<10	8	272	8	3419	77	16	78	39
BFDD018	<4	1.79	14	18	751	18	6	347	16	3543	61	16	65	19
BFDD019	<4	1.70	7	14	605	11	3	381	2	2196	35	10	41	21
BFDD020	<4	1.44	11	24	1143	10	7	271	7	2856	74	14	76	32
BFDD021	<4	1.58	12	22	959	12	5	336	8	2481	60	12	60	28
BFDD022	<4	1.90	9	12	918	11	3	348	5	1782	31	11	34	22
BFDD023	7	1.23	10	24	660	13	11	262	13	2662	100	16	127	26
BFDD024	<4	1.65	11	22	913	16	8	286	7	3003	72	15	76	32
BFDD025	<4	1.49	12	19	1037	10	7	262	17	2968	70	14	68	33
BFDD026	<4	1.52	12	18	893	11	5	345	11	2517	50	12	56	26
BFDD027	<4	1.57	11	13	660	21	6	285	5	2789	50	13	51	24
BFDD028	<4	1.62	13	23	982	14	7	314	12	3267	63	15	78	29
BFDD029	<4	1.68	10	19	724	28	6	276	9	2475	58	12	60	27
BFDD030	<4	1.53	12	22	1061	16	7	291	8	2708	65	14	69	30
BFDD031	<4	1.56	13	22	1052	21	7	291	13	2665	68	14	87	29
BFDD032	5	1.63	11	25	1228	35	8	283	10	3021	80	15	95	32
BFDD033	<4	1.96	10	23	1269	<10	9	287	9	3102	72	14	79	35
BFDD034	<4	1.58	9	19	733	15	7	275	6	3066	62	14	66	31
BFDD035	14	1.33	11	27	884	17	12	354	16	3706	106	15	115	23
BFDD036	18	0.34	10	27	1029	15	13	381	14	4024	118	20	123	26
BFDD037	<4	1.76	13	10	706	12	4	279	5	2890	37	15	35	25
BFDD038	5	1.75	12	26	862	13	9	315	10	3203	79	18	85	23
BFDD039	<4	1.38	11	26	1025	19	8	263	5	3021	72	15	87	28
BFDD040	<4	1.50	11	19	824	<10	6	317	7	2650	56	13	341	31
BFDD041	<4	1.79	10	21	471	11	8	238	10	3195	69	16	65	25
BFDD042	<4	1.77	10	16	698	25	6	249	15	2634	53	13	67	23
BFDD043	<4	1.57	13	23	777	11	8	272	16	3227	66	17	70	24
BFDD044	<4	1.58	14	24	809	52	8	264	13	3300	70	16	78	18
BFDD045	<4	1.46	12	29	1232	11	10	238	6	3141	95	17	99	31
BFDD046	<4	1.75	7	14	603	18	6	283	6	1849	50	11	48	20
BFDD047	<4	1.38	10	26	843	11	8	262	4	3026	66	15	75	16
BFDD048	4	1.52	11	24	801	15	9	242	9	2759	81	14	78	28
BFDD049	<4	1.44	13	25	736	15	8	233	10	3222	70	15	81	20
BFDD050	<4	1.58	10	24	715	<10	8	265	7	2770	68	15	69	20
BFDD051	<4	1.47	13	26	884	10	9	288	13	3130	76	16	79	24
BFDD052	<4	1.33	15	36	770	24	10	252	14	3446	87	15	94	15
BFDD053	<4	1.55	15	30	875	28	9	262	11	3328	77	16	93	16
BFDD054	<4	1.73	14	27	921	20	9	287	10	3523	79	16	86	21
BFDD055	<4	1.41	15	31	904	10	9	288	11	3493	85	16	95	22
BFDD056	<4	1.51	13	33	982	22	10	257	12	3647	93	17	104	23
BFDD057	<4	1.38	15	33	913	16	9	268	14	3360	81	16	87	22
BFDD058	<4	1.36	14	28	968	17	8	272	6	3131	78	16	81	31
BFDD059	<4	1.03	9	23	581	19	9	217	14	3151	102	16	99	22
BFDD060	4	1.70	13	29	2482	21	8	340	10	3242	77	16	75	23
BFDD061	<4	1.34	14	36	939	13	10	277	11	3689	93	16	101	19
BFDD062	<4	1.65	14	35	815	19	10	277	18	3671	91	16	99	18
BFDD063	<4	1.96	10	17	755	<10	7	295	6	2798	55	15	53	17
BFDD064	<4	1.46	11	20	686	27	9	288	11	3085	89	16	82	23
BFDD065	5	1.65	13	18	779	19	8	334	15	3362	89	17	82	26
BFDD066	6	1.46	11	18	680	36	8	325	11	3029	78	15	81	22
BFDD067	4	4.21	9	27	1066	35	7	314	<2	2773	71	14	76	23
BFDD068	<4	1.50	13	36	1006	10	10	290	8	3711	94	16	98	20
BFDD069	<4	1.76	11	24	840	35	6	313	8	2872	64	14	57	25
BFDD070	<4	1.69	14	18	734	13	8	311	13	3725	66	17	77	25
BFDD071	4	1.82	11	11	685	<10	6	387	8	2963	55	15	52	20

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	QOCR	CON1	CON2	CON3	FORM
BFDD072	35.235	119.233	07	32390				4	1	1				1	QTRN
BFDD073	35.212	119.232	07	32380				4	1	1				1	QTRN
BFDD074	35.232	119.196	07	32380				4	1	1				7	QTRN
BFDD075	35.210	119.198	07	32380				4	1	1				7	QTRN
BFDD076	35.208	119.165	07	32380				4	1	1			1	7	QTRN
BFDD077	35.234	119.158	07	32380				4	1	1				7	QTRN
BFDD078	35.208	119.136	07	32380				4	1	1			1	7	QTRN
BFDD079	35.230	119.136	07	32380				4	1	1				7	QTRN
BFDE001	35.225	118.859	07	31880				4	1	1				7	QTRN
BFDE002	35.246	118.824	07	31890				4	1	1				7	QTRN
BFDE003	35.239	118.779	07	31880				4	1	1				7	QTRN
BFDE005	35.216	118.787	07	31880				4	1	1				7	QTRN
BFDE006	35.190	118.773	07	31880				4	1	1				7	QTRN
BFDE007	35.178	118.787	06	31880				3	1	1				7	QTRN
BFDE008	35.163	118.823	07	31880				4	1	1				7	QTRN
BFDE010	35.143	118.856	07	31880				4	1	1				7	QTRN
BFDE011	35.180	118.851	07	31880				4	1	1				7	QTRN
BFDE012	35.195	118.868	07	31880				4	1	1				7	QTRN
BFDE014	35.231	118.824	07	31880				4	1	1				7	QTRN
BFDE015	35.208	118.886	07	32180				4	1	1				7	QTRN
BFDE016	35.233	118.896	07	32180				4	1	1				7	QTRN
BFDE017	35.237	118.934	07	32180				4	1	1				7	QTRN
BFDE018	35.237	118.966	07	32180				4	1	1				7	QTRN
BFDE019	35.237	118.989	07	32180				4	1	1				7	QTRN
BFDE020	35.207	118.968	07	32180				4	1	1				7	QTRN
BFDE022	35.178	118.959	07	32180				4	1	1			3	7	QTRN
BFDE023	35.151	118.976	07	32180				4	1	1				7	QTRN
BFDE024	35.151	118.952	07	32180				4	1	1				7	QTRN
BFDE025	35.136	118.991	07	32180				4	1	1				7	QTRN
BFDE026	35.122	118.953	07	32180				4	1	1				7	QTRN
BFDE027	35.137	118.927	07	32180				4	1	1				7	QTRN
BFDE028	35.152	118.923	07	32180				4	1	1				7	QTRN
BFDE029	35.150	118.888	07	32180				4	1	1				7	QTRN
BFDE030	35.165	118.896	07	32180				4	1	1				7	QTRN
BFDE031	35.180	118.914	07	32180				4	1	1				7	QTRN
BFDE032	35.209	118.932	07	32180				4	1	1				7	QTRN
BFDE033	35.113	118.914	07	32280				4	1	1				7	QTRN
BFDE034	35.092	118.897	07	32280				4	1	1				7	QTRN
BFDE035	35.053	118.895	07	32280				4	1	1				7	QTRN
BFDE036			07	32280				4	1	1				7	QTRN
BFDE037	35.011	118.881	07	32280				4	1	1				7	QTRN
BFDE039	35.007	118.942	07	32280				4	1	1				7	QTRN
BFDE040	35.035	118.952	07	32280				4	1	1				7	QTRN
BFDE041	35.045	118.918	07	32280				4	1	1				7	QTRN
BFDE042	35.074	118.917	07	32280				4	1	1				7	QTRN
BFDE043	35.074	118.956	07	32280				4	1	1				7	QTRN
BFDE044	35.094	118.966	07	32280				4	1	1				7	QTRN
BFDE045	35.095	118.992	07	32280				4	1	1				7	QTRN
BFDE046	35.059	118.988	07	32280				3	1	1				7	QTRN
BFDE047	35.023	118.975	07	32280				4	1	1				7	QTRN
BFDE049	35.107	118.850	07	32380				4	1	1				7	QTRN
BFDE052	35.024	118.850	07	32380				4	1	1				7	QTRN
BFDE053	35.001	118.846	07	32380				4	1	1				7	QTRN
BFDE054	35.011	118.819	07	32380				3	1	1		7	8	5	QTRN
BFDE055	35.046	118.829	07	32380				4	1	1				7	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	S-VL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFDD072	10		38.00	10	1	1	1	4	2	N11101	4.87		<2	3.64
BFDD073	10		42.00	10	1	1	1	4	2	N11101	4.80		<2	7.62
BFDD074	10		40.00	10	1	1	1	1	2	N11101	6.47		<2	8.06
BFDD075	10		38.00	10	1	1	1	1	2	N11101	9.86		<2	8.13
BFDD076	10		40.00	10	1	1	1	1	2	N11101	6.20		<2	7.61
BFDD077	10		44.00	10	1	1	1	1	2	N11101	6.29		<2	7.64
BFDD078	10		40.00	10	1	1	1	1	2	N11101	6.43		<2	7.91
BFDD079	10		33.00	10	1	1	1	1	2	N11101	4.19		<2	7.67
BFDE001	10		40.00	10	1	1	1	4	2	N11101	1.92		<2	7.95
BFDE002	15		40.00	10	1	1	1	1	1	N11101	1.94		<2	9.14
BFDE003	15		38.00	10	1	1	1	1	1	N11101	1.98		<2	8.55
BFDE005	15		32.00	10	1	1	1	4	1	N11101	1.94		<2	7.58
BFDE006	15		19.00	10	1	1	3	4	1	N11101	1.52		<2	7.72
BFDE007	5		18.00	04	1	1	3	4	1	N11101	1.79		<2	7.20
BFDE008	15		29.00	10	1	1	1	4	1	N11101	2.18		<2	7.65
BFDE010	15		22.00	10	1	1	1	4	1	N11101	1.67		<2	7.72
BFDE011	15		27.00	10	1	1	1	4	1	N11101	1.85		<2	7.90
BFDE012	15		29.00	10	1	1	1	1	1	N11101	2.22		<2	7.89
BFDE014	15		30.00	10	1	1	1	4	1	N11101	2.14		<2	9.13
BFDE015	15		41.00	10	1	1	1	4	1	N11101	2.67		<2	8.18
BFDE016	15		40.00	10	1	1	1	1	1	N11101	2.66		<2	8.39
BFDE017	15		34.00	10	1	1	1	1	1	N11101	2.25		<2	7.90
BFDE018	15		37.00	10	1	1	1	3	1	N11101	3.55		<2	7.62
BFDE019	15		35.00	10	1	1	1	4	1	N11101	5.79		<2	9.79
BFDE020	15		34.00	10	1	1	1	4	1	N11101	3.52		<2	6.92
BFDE022	15		35.00	10	1	1	1	4	1	N11101	2.72		<2	7.80
BFDE023	15		36.00	10	1	1	1	4	1	N11101	2.70		<2	7.38
BFDE024	15		38.00	10	1	1	1	4	2	N11101	2.51		<2	7.34
BFDE025	15		38.00	10	1	1	1	4	1	N11101	1.44		<2	6.63
BFDE026	15		32.00	10	1	1	1	1	1	N11101	1.67		<2	7.09
BFDE027	15		39.00	10	1	1	1	1	1	N11101	1.48		<2	7.84
BFDE028	15		36.00	10	1	1	1	1	1	N11101	2.17		<2	7.90
BFDE029	15		28.00	10	1	1	1	1	1	N11101	1.25		<2	7.84
BFDE030	15		29.00	10	1	1	1	1	1	N11101	1.41		<2	7.87
BFDE031	15		36.00	10	1	1	1	4	1	N11101	2.02		<2	7.49
BFDE032	15		39.00	10	1	1	1	1	1	N11101	2.17		<2	7.63
BFDE033	15		28.00	10	1	1	1	1	1	N11101	1.76		<2	7.27
BFDE034	15		29.00	10	1	1	1	1	1	N11101	2.19		<2	8.49
BFDE035	15		38.00	10	1	1	1	4	1	N11101	2.57		<2	8.23
BFDE036	15		42.00	10	1	1	1	1	1	N11101	2.59		<2	8.62
BFDE037	15		38.00	10	1	1	1	1	1	N11101	2.68		<2	7.99
BFDE039	15		40.00	10	1	1	1	1	1	N11101	3.04		<2	7.95
BFDE040	15		42.00	10	1	1	1	1	1	N11101	2.39		<2	7.71
BFDE041	15		35.00	10	1	1	1	1	1	N11101	1.55		<2	7.56
BFDE042	15		31.00	10	1	1	1	4	1	N11101	2.12		<2	9.43
BFDE043	15		38.00	10	1	1	1	1	1	N11101	2.50		<2	8.00
BFDE044	15		30.00	10	1	1	1	1	1	N11101	3.01		<2	8.26
BFDE045	15		36.00	10	1	1	1	1	1	N11101	3.32		<2	7.71
BFDE046	15		30.00	10	1	1	1	4	1	N11101	2.83		<2	7.39
BFDE047	15		42.00	10	1	1	2	4	1	N11101	3.23		<2	6.79
BFDE049	15		22.00	10	1	1	1	1	1	N11101	1.46		<2	8.90
BFDE052	15		20.00	10	1	1	1	1	1	N11101	1.54		<2	9.19
BFDE053	15		22.00	10	1	1	1	1	1	N11101	1.82		<2	9.21
BFDE054	15		14.00	10	1	1	1	4	1	N11101	1.22		<2	9.14
BFDE055	15		19.00	10	1	1	1	4	1	N11101	1.57		<2	8.75

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	RE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFDD072	41	735	2	2.55	59	11	44	20	4.12	<15	1.86	21	67	1.46	760
BFDD073	31	781	2	2.40	47	5	23	10	1.68	<15	1.59	22	24	0.68	388
BFDD074	32	667	2	2.34	59	10	30	20	3.46	<15	1.57	31	43	1.06	628
BFDD075	29	664	2	2.32	63	10	29	20	3.41	<15	1.62	32	43	1.04	620
BFDD076	26	630	2	2.28	72	8	27	13	2.62	<15	1.48	34	29	0.88	507
BFDD077	26	625	2	2.22	74	8	28	14	2.66	<15	1.54	35	31	0.89	495
BFDD078	21	577	2	3.23	80	9	30	8	3.74	<15	1.32	34	21	1.12	795
BFDD079	18	557	2	3.10	81	9	28	7	3.40	<15	1.24	35	20	1.08	726
BFDE001	19	574	1	3.03	47	12	38	14	4.16	<15	1.08	19	23	1.28	757
BFDE002	15	596	1	3.21	45	10	33	12	3.55	<15	1.02	19	20	1.16	662
BFDE003	13	565	1	3.42	42	12	42	15	4.39	<15	1.05	19	25	1.40	805
BFDE005	<10	382	1	4.04	38	15	47	18	5.49	<15	0.77	15	16	1.39	1069
BFDE006	<10	494	1	3.47	40	15	39	19	4.80	<15	0.63	16	22	1.68	909
BFDE007	<10	326	1	4.52	51	16	47	10	5.92	<15	0.60	19	13	1.98	1380
BFDE008	11	497	1	3.52	46	11	39	12	4.19	<15	0.99	21	17	1.42	881
BFDE010	17	493	1	4.06	46	16	45	17	5.16	<15	1.12	18	25	1.36	971
BFDE011	26	580	1	3.11	45	14	40	17	4.50	<15	1.26	21	27	1.45	811
BFDE012	29	606	1	3.12	47	14	42	19	4.50	<15	1.23	21	31	1.40	818
BFDE014	12	587	1	2.87	38	10	34	12	3.88	<15	1.21	17	27	1.21	714
BFDE015	13	595	1	3.18	45	11	38	16	4.13	<15	1.01	19	22	1.30	774
BFDE016	19	603	1	2.99	39	12	39	14	4.34	<15	1.13	18	28	1.24	750
BFDE017	17	593	1	3.03	44	11	37	13	3.99	<15	1.13	19	25	1.28	738
BFDE018	88	599	1	3.98	46	12	39	17	4.17	<15	1.24	22	32	1.63	793
BFDE019	18	734	2	3.41	74	13	39	23	4.52	<15	1.40	35	38	1.48	915
BFDE020	74	616	1	4.86	51	12	38	24	3.61	<15	1.26	24	35	1.85	711
BFDE022	47	640	1	4.05	51	16	46	25	4.92	<15	1.27	22	33	1.92	865
BFDE023	58	678	1	3.11	44	11	55	27	3.65	<15	1.61	24	36	1.92	672
BFDE024	37	683	1	3.27	44	13	56	25	3.61	<15	1.30	22	29	1.37	685
BFDE025	25	763	1	1.50	47	8	50	13	2.52	<15	1.62	22	22	1.06	442
BFDE026	15	797	1	1.53	59	6	34	26	2.41	<15	1.71	29	20	0.75	416
BFDE027	12	676	1	2.31	45	10	43	15	3.58	<15	1.49	21	21	1.16	563
BFDE028	27	595	1	2.96	46	14	58	24	4.61	<15	1.26	20	25	1.67	809
BFDE029	<10	514	1	3.59	47	17	48	16	5.14	<15	1.04	20	22	1.85	955
BFDE030	13	535	1	3.62	42	15	46	13	4.96	<15	1.13	17	22	1.79	901
BFDE031	82	627	1	3.78	50	13	42	18	4.36	<15	1.18	22	28	1.52	810
BFDE032	37	610	1	3.16	49	12	41	18	4.13	<15	1.24	21	28	1.35	768
BFDE033	17	679	1	2.36	55	10	46	18	3.33	<15	1.41	26	25	1.12	572
BFDE034	<10	544	1	3.01	45	13	46	17	4.32	<15	1.11	22	20	1.37	716
BFDE035	19	693	1	2.19	59	9	37	20	3.17	21	1.72	31	25	0.94	503
BFDE036	15	708	1	2.11	48	8	38	19	3.25	<15	1.71	26	27	0.98	496
BFDE037	14	683	1	2.17	56	8	37	17	3.02	<15	1.58	31	18	0.89	524
BFDE039	24	694	2	2.74	51	8	53	20	3.16	<15	1.59	29	31	1.09	537
BFDE040	25	650	1	2.40	50	9	59	18	3.13	21	1.59	26	31	1.14	505
BFDE041	13	731	1	1.82	44	5	28	14	2.58	<15	1.73	25	21	0.72	444
BFDE042	15	771	1	2.10	57	7	31	13	3.74	<15	1.87	31	26	0.31	437
BFDE043	22	689	1	2.50	53	10	66	18	3.22	25	1.62	28	31	1.17	526
BFDE044	23	706	1	2.55	47	10	76	19	3.22	16	1.72	26	33	1.26	525
BFDE045	20	699	1	2.49	71	8	42	14	2.78	<15	1.52	37	25	0.90	476
BFDE046	22	717	1	2.82	54	6	33	11	2.21	<15	1.66	27	20	0.74	430
BFDE047	24	782	1	3.82	38	4	28	9	1.48	<15	1.58	19	19	0.57	235
BFDE049	13	548	1	3.42	47	15	51	20	4.72	<15	1.13	22	22	1.61	795
BFDE052	<10	478	1	3.10	48	15	46	21	5.31	18	1.05	22	23	1.46	897
BFDE053	12	467	1	2.91	37	14	48	20	5.00	32	1.10	19	23	1.45	878
BFDE054	<10	300	1	4.08	35	19	63	21	6.70	<15	0.61	13	13	2.12	1133
BFDE055	<10	443	1	3.59	42	17	65	25	5.59	<15	0.86	18	20	1.90	1014

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDD072	<4	1.71	11	23	1274	10	10	368	11	3988	87	15	106	22
BFDD073	<4	2.20	9	12	666	19	7	386	6	2676	54	14	49	18
BFDD074	<4	1.96	12	14	893	13	9	365	6	3771	96	17	83	23
BFDD075	<4	2.00	13	15	891	15	9	361	10	3691	84	17	81	23
BFDD076	<4	1.84	16	12	810	23	9	368	20	3514	75	17	95	21
BFDD077	<4	1.87	14	12	777	19	9	360	16	3408	76	16	71	24
BFDD078	<4	2.11	20	11	1013	<10	14	395	11	5839	104	25	67	35
BFDD079	<4	1.99	17	10	949	16	13	387	23	5123	56	23	63	30
BFDE001	<4	1.71	10	12	785	11	15	294	7	4179	106	22	99	16
BFDE002	<4	1.99	10	11	854	14	14	326	<2	3912	54	21	108	13
BFDE003	<4	1.80	10	15	1110	13	16	320	<2	4251	111	22	119	14
BFDE005	<4	1.68	9	10	1053	<10	24	261	<2	6148	155	33	106	15
BFDE006	<4	1.64	8	13	779	<10	18	249	3	4559	126	19	102	12
BFDE007	<4	1.76	15	14	912	<10	28	260	<2	8854	168	38	111	21
BFDE008	<4	1.80	11	13	771	10	17	289	4	5298	130	27	87	18
BFDE010	<4	1.57	9	14	1031	14	20	263	<2	4950	150	26	131	17
BFDE011	<4	1.78	10	15	981	19	16	230	6	4477	118	23	111	16
BFDE012	<4	1.48	10	18	791	11	14	281	8	4362	113	21	106	15
BFDE014	<4	2.03	9	10	866	<10	14	294	<2	4084	98	21	98	15
BFDE015	<4	1.84	11	12	897	<10	15	316	4	4659	109	24	93	18
BFDE016	<4	1.77	10	14	926	10	15	303	5	4628	108	24	100	17
BFDE017	<4	1.88	11	13	1135	<10	14	303	<2	4437	103	22	98	15
BFDE018	<4	1.85	11	16	1110	22	13	397	7	4497	109	20	104	19
BFDE019	<4	2.02	18	18	1162	23	14	445	14	5329	112	23	133	29
BFDE020	<4	1.62	12	19	1601	30	11	535	9	3719	88	17	140	16
BFDE022	4	1.46	11	17	1248	<10	16	502	3	4720	131	22	115	15
BFDE023	<4	1.60	10	30	1447	11	10	775	3	3519	92	16	110	17
BFDE024	5	1.48	9	29	1335	13	12	754	10	3625	101	17	101	16
BFDE025	<4	1.57	10	25	964	18	7	299	5	2640	61	12	75	15
BFDE026	<4	1.91	10	16	698	18	7	321	4	3002	58	13	82	13
BFDE027	<4	1.98	9	17	873	<10	11	328	7	3584	94	15	94	12
BFDE028	<4	1.56	9	26	1212	10	15	308	7	4245	128	20	115	13
BFDE029	<4	1.58	8	12	968	10	20	258	5	4843	148	26	112	14
BFDE030	<4	1.73	8	10	1045	<10	20	264	<2	4615	143	25	110	14
BFDE031	25	1.82	11	15	1191	31	14	373	6	4397	115	21	112	16
BFDE032	<4	1.60	10	15	1105	<10	13	297	9	4317	105	21	99	19
BFDE033	<4	1.63	10	21	927	16	10	309	10	3633	83	17	88	15
BFDE034	<4	1.48	9	22	884	<10	14	282	6	4777	122	20	94	12
BFDE035	<4	1.44	10	19	808	12	9	267	15	3678	85	17	74	21
BFDE036	<4	1.63	9	17	812	<10	9	277	9	3657	86	15	78	15
BFDE037	<4	1.48	11	18	926	15	9	268	4	4111	84	17	70	20
BFDE039	<4	1.26	11	32	725	19	8	258	4	3552	76	17	84	31
BFDE040	<4	1.28	10	40	1028	10	8	258	3	3401	77	15	93	23
BFDE041	<4	1.60	8	16	702	<10	7	269	6	3459	63	14	116	19
BFDE042	<4	1.86	9	15	808	<10	7	308	11	3348	66	14	71	14
BFDE043	<4	1.44	12	41	828	<10	8	259	6	3628	78	16	79	20
BFDE044	<4	1.54	10	50	840	14	9	267	3	3660	79	16	84	22
BFDE045	<4	1.46	11	24	928	15	7	281	17	3642	68	17	68	22
BFDE046	<4	1.53	10	15	654	16	6	263	8	3341	56	16	50	36
BFDE047	4	1.43	8	18	973	16	4	318	11	2021	58	11	50	23
BFDE049	<4	1.54	8	23	712	<10	17	263	9	4813	135	22	92	16
BFDE052	<4	1.54	9	21	1284	13	18	250	9	5423	149	26	124	15
BFDE053	<4	1.60	9	20	807	14	17	250	3	5209	142	23	140	15
BFDE054	<4	1.43	9	23	1034	<10	21	278	<2	9504	202	22	121	12
BFDE055	<4	1.39	7	29	954	27	19	255	2	6121	173	24	119	13

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	QDCR	CON1	CUN2	CON3	FORM
BFDE057	35.041	118.769	07	32380				4	1	1			5	8	QTRN
BFDE060	35.081	118.820	07	32580				4	1	1				7	QTRN
BFDE062	35.101	118.827	06	32580				3	1	1				8	QTRN
BFDF001	35.239	118.606	07	50980				3	1	1				8	MSZC
BFDF002	35.211	118.552	07	50980				3	1	1				8	MSZC
BFDF003	35.193	118.535	06	50980				3	1	1				8	MSZC
BFDF004	35.174	118.511	06	50980				3	1	1				8	MSZC
BFDF005	35.142	118.517	06	50980				3	1	1				8	MSZC
BFDF006	35.113	118.521	07	50980				3	1	1				8	MSZC
BFDF007	35.098	118.537	07	50980				4	1	1				8	PRCR
BFDF008	35.095	118.592	07	50980				4	1	1				8	QTRN
BFDF009	35.095	118.619	07	50980				4	1	1				8	QTRN
BFDF010	35.111	118.601	07	50980				4	1	1				8	QTRN
BFDF011	35.130	118.587	07	50980				4	1	1				7	QTRN
BFDF012	35.146	118.575	07	50980				4	1	1				8	MSZC
BFDF013	35.133	118.555	06	50980				4	1	1				8	PRCR
BFDF014	35.223	118.567	07	51080				4	1	1				8	MSZC
BFDF015	35.201	118.520	07	51080				4	1	1				8	MSZC
BFDF016	35.093	118.648	07	51080				4	1	1				8	MSZC
BFDF017	35.110	118.670	06	51080				3	1	1				8	MSZC
BFDF018	35.117	118.693	06	51080				3	1	1				8	MSZC
BFDF019	35.104	118.707	06	51080				3	1	1				8	MSZC
BFDF020	35.242	118.679	07	51280				3	1	1				8	MSZC
BFDF021	35.234	118.699	06	51280				3	1	1				8	MSZC
BFDF022	35.220	118.713	06	51280				3	1	1				9	MSZC
BFDF023	35.210	118.740	07	51280				3	1	1				8	MSZC
BFDF024	35.075	118.620	06	51280				3	1	1				2	MSZC
BFDF025	35.124	118.737	06	51280				3	1	1				8	MSZC
BFDF026	35.110	118.725	06	51280				3	1	1				8	MSZC
BFDF027	35.137	118.723	07	51280				3	1	1				8	MSZC
BFDF028	35.084	118.677	06	51280				3	1	1				2	MSZC
BFDF029	35.073	118.527	06	51280				3	1	1				2	MSZC
BFDF030	35.054	118.527	06	51280				3	1	1				8	MSZC
BFDF031	35.048	118.546	07	51280				3	1	1				2	MSZC
BFDF032	35.074	118.550	06	51280				3	1	1				8	MSZC
BFDG001	35.105	118.270	06	40380				2	1	1				2	QTRN
BFDG002	35.099	118.293	06	40380				3	1	1				2	UNKN
BFDG003	35.101	118.449	07	40380				3	1	1				2	QTRN
BFDG004			07	40380				3	1	1				2	QTRN
BFDG005	35.067	118.480	06	40380				3	1	1				2	UNKN
BFDG006	35.084	118.493	07	40380				3	1	1				2	UNKN
BFDG007	35.109	118.414	07	40380				3	1	1				2	QTRN
BFDG008	35.050	118.442	07	40380				3	1	1				2	UNKN
BFDG009	35.056	118.426	06	40380				3	1	1				2	QTRN
BFDG010	35.078	118.414	06	40380				3	1	1				2	UNKN
BFDG011	35.060	118.387	07	40380				3	1	1				2	UNKN
BFDG012	35.014	118.345	07	40380				3	1	1				2	UNKN
BFDG013	35.030	118.351	06	40380				3	1	1				2	UNKN
BFDG014	35.053	118.358	07	40380				3	1	1				2	UNKN
BFDG015	35.073	118.341	07	40380				3	1	1				8	UNKN
BFDG016	35.113	118.323	07	40480				3	1	1				2	UNKN
BFDG017	35.138	118.378	07	40480				3	1	1				5	QTRN
BFDG018	35.144	118.312	07	40480				3	1	1				2	UNKN
BFDG019	35.140	118.398	07	40480				3	1	1				5	QTRN
BFDG021	35.142	118.449	07	40480				3	1	1				1	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCEN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFDE057	15		30.00	10	1	1	2	4	2	N11101	1.87		<2	8.93
BFDE060	15		31.00	10	1	1	2	4	1	N11101	2.00		<2	8.32
BFDE062	5		27.00	04	1	1	2	4	1	N11101	1.74		<2	8.75
BFDF001	10		22.00	04	1	1	3	2	2	N11101	1.46		<2	7.92
BFDF002	10		20.00	04	1	1	3	4	3	N11101	3.50		<2	9.95
BFDF003	10		14.00	04	1	1	4	2	2	N11101	1.55		3	7.92
BFDF004	10		20.00	04	1	1	3	2	2	N11101	1.60		<2	8.96
BFDF005	10		24.00	04	1	1	4	2	2	N11101	2.06		<2	9.18
BFDF006	10		28.00	04	1	1	3	4	2	N11101	2.19		<2	3.41
BFDF007	10		30.00	05	1	1	3	4	2	N11101	1.87		<2	8.75
BFDF008	10		10.00	10	1	1	1	4	3	N11101	1.15		<2	10.43
BFDF009	10		12.00	10	1	1	1	4	3	N11101	1.53		<2	9.29
BFDF010	10		12.00	10	1	1	1	4	3	N11101	1.66		<2	9.35
BFDF011	10		16.00	10	1	1	1	4	3	N11101	1.89		<2	8.23
BFDF012	10		24.00	04	1	1	3	4	2	N11101	2.47		<2	8.61
BFDF013	10		28.00	05	1	1	3	2	2	N11101	2.28		<2	7.58
BFDF014	10		24.00	04	1	1	3	4	3	N11101	1.30		<2	8.48
BFDF015	10		12.00	04	1	1	3	4	3	N11101	1.23		<2	9.00
BFDF016	10		28.00	04	1	1	3	2	2	N11101	1.56		<2	9.62
BFDF017	10		24.00	04	1	1	3	2	2	N11101	2.16		<2	8.28
BFDF018	10		34.00	04	1	1	3	2	2	N11101	3.44		<2	8.79
BFDF019	10		22.00	04	1	1	3	4	3	N11101	2.08		<2	9.25
BFDF020	10		24.00	04	1	1	2	4	3	N11101	2.57		<2	8.42
BFDF021	10		32.00	04	1	1	3	4	3	N11101	3.59		<2	7.05
BFDF022	10		24.00	04	1	1	3	4	3	N11101	2.57		<2	8.38
BFDF023	10		26.00	04	1	1	2	4	3	N11101	3.24		<2	7.96
BFDF024	10		24.00	04	1	1	3	2	2	N11101	1.62		<2	9.02
BFDF025	10		28.00	04	1	1	3	2	2	N11101	2.89		<2	8.13
BFDF026	10		22.00	04	1	1	4	4	3	N11101	1.14		<2	8.74
BFDF027	10		20.00	04	1	1	3	2	2	N11101	1.58		<2	8.45
BFDF028	10		18.00	04	1	1	3	2	2	N11101	1.65		<2	8.62
BFDF029	10		22.00	04	1	1	3	2	2	N11101	0.88		<2	8.67
BFDF030	10		18.00	04	1	1	4	2	3	N11101	0.73		<2	10.37
BFDF031	10		16.00	04	1	1	4	2	2	N11101	2.52		<2	8.62
BFDF032	10		22.00	04	1	1	4	2	2	N11101	1.15		<2	9.65
BFDG001	10		28.00	10	1	1	2	3	2	N11101	3.44		<2	8.41
BFDG002	10		32.00	04	1	1	3	3	2	N11101	2.23		<2	8.54
BFDG003	10		15.00	10	1	1	2	4	3	N11101	2.12		<2	7.77
BFDG004	10		18.00	10	1	1	2	2	2	N11101	1.15		<2	9.33
BFDG005	10		20.00	04	1	1	4	2	3	N11101	1.28		<2	9.67
BFDG006	10		28.00	04	1	1	4	2	2	N11101	1.73		<2	9.01
BFDG007	10		30.00	10	1	1	1	4	2	N11101	2.18		<2	9.32
BFDG008	10		20.00	04	1	1	4	2	2	N11101	1.50		<2	9.54
BFDG009	10		29.00	04	1	1	2	2	2	N11101	5.21		<2	8.03
BFDG010	10		34.00	04	1	1	2	2	1	N11101	2.49		<2	9.73
BFDG011	10		26.00	04	1	1	2	3	2	N11101	4.05		<2	9.11
BFDG012	10		38.00	04	1	1	2	3	2	N11101	1.77		<2	9.20
BFDG013	10		38.00	04	1	1	2	3	2	N11101	3.57		<2	8.55
BFDG014	10		29.00	04	1	1	2	4	2	N11101	2.83		<2	8.81
BFDG015	10		32.00	04	1	1	3	4	1	N11101	2.45		<2	9.31
BFDG016	10		42.00	02	1	1	2	3	2	N11101	1.82		<2	5.88
BFDG017	10		34.00	10	1	1	2	3	1	N11101	2.50		<2	8.17
BFDG018	10		40.00	02	1	1	3	3	2	N11101	1.65		<2	8.06
BFDG019	10		30.00	10	1	1	3	3	1	N11101	2.03		<2	4.04
BFDG021	10		21.00	10	1	1	1	4	1	N11101	2.09		<2	7.80

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFDE057	15	539	1	2.92	34	13	53	22	4.63	18	1.33	17	23	1.50	829
BFDE060	12	556	1	2.73	52	11	34	15	3.75	<15	1.16	24	22	1.27	657
BFDE062	10	487	1	3.48	39	15	40	14	5.16	<15	1.13	17	22	1.67	926
BFDF001	<10	496	1	2.24	53	13	18	13	4.79	<15	1.16	24	19	1.08	805
BFDF002	13	646	1	1.59	70	9	20	15	4.52	<15	1.50	34	34	0.68	638
BFDF003	14	683	1	3.39	65	17	44	21	6.09	<15	0.93	25	25	1.55	1095
BFDF004	14	817	1	2.42	49	11	28	20	4.51	<15	1.25	21	27	1.01	777
BFDF005	<10	814	1	1.78	61	9	24	9	4.19	<15	1.30	26	24	0.78	662
BFDF006	10	733	1	2.32	65	12	40	15	4.89	<15	1.25	27	25	1.25	760
BFDF007	<10	1629	1	1.65	51	21	77	107	6.14	<15	1.45	20	27	1.69	940
BFDF008	<10	413	<1	3.60	50	18	47	14	7.03	<15	0.54	15	19	1.84	1085
BFDF009	<10	564	1	3.66	58	15	56	12	4.98	<15	1.06	19	20	1.78	884
BFDF010	<10	461	<1	4.05	55	19	53	14	6.75	<15	0.82	16	20	2.27	1116
BFDF011	<10	723	1	3.34	62	14	56	16	4.68	<15	0.99	21	14	1.59	871
BFDF012	<10	873	1	2.44	68	15	78	29	5.03	<15	1.28	26	21	1.56	916
BFDF013	<10	912	1	2.50	73	12	52	21	3.93	<15	1.00	29	18	1.22	932
BFDF014	<10	419	<1	3.45	53	24	90	35	7.58	<15	0.79	15	30	2.30	1109
BFDF015	21	655	1	4.43	42	15	32	22	5.47	<15	1.00	13	25	1.31	762
BFDF016	11	695	1	3.21	61	17	34	18	6.38	<15	1.22	19	29	1.77	1130
BFDF017	19	573	1	4.30	68	16	29	15	6.02	<15	1.18	22	33	1.77	1067
BFDF018	13	573	1	3.19	63	11	15	10	5.01	<15	1.01	20	24	1.07	1058
BFDF019	<10	678	1	2.54	59	14	34	16	5.13	<15	1.21	24	27	1.21	900
BFDF020	<10	464	1	4.55	66	19	45	12	6.77	<15	0.83	18	17	2.22	1316
BFDF021	<10	399	1	5.13	68	24	64	9	8.18	<15	0.78	12	13	2.83	1572
BFDF022	<10	493	1	3.84	63	20	45	16	6.99	<15	1.09	17	30	2.18	1245
BFDF023	<10	486	<1	3.78	66	20	64	20	6.45	<15	1.00	16	23	2.23	1145
BFDF024	<10	529	1	4.21	69	21	57	14	7.01	<15	1.07	19	30	2.40	1240
BFDF025	<10	440	<1	3.85	79	18	47	20	6.30	<15	1.06	21	22	2.13	1162
BFDF026	<10	430	<1	3.82	49	17	30	12	6.41	<15	0.83	16	15	2.03	1115
BFDF027	10	628	1	2.99	51	16	56	20	5.25	<15	1.24	19	26	1.67	1038
BFDF028	<10	868	1	2.30	49	9	17	16	3.92	<15	1.07	17	18	0.82	796
BFDF029	<10	452	<1	3.92	44	23	52	18	8.45	<15	0.38	8	11	2.50	1630
BFDF030	<10	245	<1	4.30	41	17	37	19	7.15	31	0.22	10	12	1.76	1196
BFDF031	<10	639	<1	3.44	68	23	76	26	7.35	<15	1.11	21	41	2.40	1123
BFDF032	<10	572	1	3.15	52	19	42	22	6.48	<15	0.93	13	24	2.03	1108
BFDG001	38	895	2	2.77	94	8	27	10	3.51	<15	1.45	42	41	0.90	541
BFDG002	43	803	2	4.15	101	16	65	14	4.73	<15	1.16	48	53	1.55	698
BFDG003	<10	806	<1	3.96	84	20	68	18	9.00	<15	0.52	28	14	1.94	2121
BFDG004	<10	462	1	3.13	47	19	62	24	6.03	<15	0.73	13	19	2.00	989
BFDG005	<10	676	1	2.74	54	22	67	32	6.47	<15	0.97	14	27	1.84	1149
BFDG006	11	834	1	2.20	66	18	78	38	6.32	<15	1.29	28	25	1.41	1239
BFDG007	13	1001	1	1.79	83	6	16	12	3.27	<15	1.67	39	30	0.75	507
BFDG008	11	862	1	2.48	76	19	53	29	6.31	<15	1.09	31	33	1.39	943
BFDG009	10	982	1	1.88	167	6	9	8	2.97	<15	1.27	82	24	0.36	547
BFDG010	<10	1019	2	1.84	131	<4	4	3	1.68	<15	1.69	68	20	0.27	342
BFDG011	10	615	2	1.65	90	11	12	10	6.03	<15	1.53	39	44	1.00	1054
BFDG012	<10	871	2	1.35	126	4	10	7	2.99	<15	1.80	60	51	0.60	515
BFDG013	14	972	2	2.11	83	12	67	18	4.41	<15	1.71	34	43	1.14	757
BFDG014	13	981	1	1.40	82	7	13	8	3.60	<15	1.51	40	31	0.59	538
BFDG015	17	941	2	1.65	96	10	20	9	4.66	<15	1.46	40	38	0.76	585
BFDG016	27	513	1	13.53	77	7	29	40	2.65	<15	1.16	36	34	0.60	496
BFDG017	12	711	1	4.04	53	13	89	35	4.35	<15	1.29	22	26	1.24	647
BFDG018	73	779	2	2.53	67	8	30	18	2.37	<15	1.77	25	53	0.90	559
BFDG019	15	346	1	21.49	62	4	5	3	1.31	<15	0.47	30	13	0.26	89
BFDG021	19	873	2	2.58	68	14	52	28	3.77	<15	1.41	31	31	1.08	650

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDE057	4	1.54	9	22	989	15	16	250	<2	4831	134	22	129	15
BFDE060	<4	1.33	10	18	606	22	12	247	11	4497	103	19	83	20
BFDE062	<4	1.51	10	16	702	<10	19	227	<2	4925	149	26	104	18
BFDF001	<4	1.27	10	8	567	12	15	165	3	5220	117	28	128	17
BFDF002	<4	2.53	11	16	559	33	12	198	8	3748	70	30	167	19
BFDF003	4	1.77	11	13	1343	50	19	262	5	6102	133	30	156	13
BFDF004	<4	2.10	8	14	900	156	12	257	7	4446	86	18	324	14
BFDF005	<4	2.22	10	11	305	18	14	232	6	4761	73	29	98	16
BFDF006	<4	1.64	10	15	871	33	16	245	11	5160	115	21	119	15
BFDF007	5	1.26	9	42	1452	15	19	191	4	5640	180	28	170	8
BFDF008	<4	1.71	9	15	1174	26	21	345	2	8514	160	22	162	14
BFDF009	<4	2.10	10	14	572	24	17	323	<2	4864	137	22	101	14
BFDF010	<4	1.76	8	13	1074	18	20	335	<2	7548	175	22	140	12
BFDF011	<4	1.96	9	15	491	23	18	270	4	5151	138	26	112	17
BFDF012	<4	1.78	13	34	374	21	15	249	8	6421	145	23	104	16
BFDF013	<4	1.80	11	18	667	112	13	270	<2	5334	111	20	150	18
BFDF014	<4	1.50	9	30	603	18	20	243	<2	7703	194	19	139	17
BFDF015	<4	1.14	7	13	1039	28	15	198	<2	4813	133	16	110	13
BFDF016	<4	1.94	9	16	714	31	21	245	5	5455	159	29	133	17
BFDF017	4	1.70	9	15	1103	23	19	260	5	5199	146	29	115	19
BFDF018	<4	2.45	11	9	1024	16	20	249	<2	4600	101	45	110	26
BFDF019	<4	2.16	11	13	399	17	17	339	7	4995	111	35	109	21
BFDF020	<4	1.92	11	10	783	48	27	353	10	5522	189	35	124	23
BFDF021	<4	1.56	13	13	471	155	37	199	<2	6413	243	45	166	33
BFDF022	<4	1.75	11	10	894	57	23	215	<2	6064	189	30	148	15
BFDF023	<4	1.86	9	18	1215	<10	24	225	<2	6504	182	33	122	12
BFDF024	<4	1.64	8	17	874	22	25	242	4	6208	127	29	135	12
BFDF025	<4	1.95	13	15	1285	18	26	226	8	7154	208	51	113	15
BFDF026	<4	2.05	7	18	737	28	21	296	6	5509	175	25	111	11
BFDF027	<4	1.80	8	23	783	19	18	262	<2	5324	139	27	108	15
BFDF028	<4	2.16	8	12	639	24	14	220	<2	3807	97	33	87	21
BFDF029	<4	1.45	13	13	913	17	24	266	<2	19147	249	15	134	10
BFDF030	<4	2.02	11	9	2435	12	17	526	<2	15553	153	14	157	10
BFDF031	<4	1.33	11	21	1939	22	19	246	<2	7691	209	24	159	12
BFDF032	<4	1.70	7	17	935	14	18	266	<2	5877	160	20	135	10
BFDG001	<4	2.59	14	7	1481	18	6	447	10	4253	50	15	104	20
BFDG002	<4	2.01	16	17	1195	22	9	360	10	4794	87	16	126	8
BFDG003	<4	1.52	23	13	1190	<10	23	309	<2	26931	207	32	133	29
BFDG004	<4	1.41	9	20	940	41	18	283	<2	6229	161	16	133	12
BFDG005	<4	1.62	8	28	1074	<10	18	273	<2	6117	156	21	146	10
BFDG006	<4	1.61	12	39	1387	37	13	291	10	6233	123	21	164	10
BFDG007	<4	2.73	15	5	1031	14	7	385	5	5174	62	16	100	11
BFDG008	<4	1.76	10	28	1209	17	15	337	6	6321	132	24	134	9
BFDG009	4	2.82	32	10	1308	19	5	375	30	10212	54	27	78	18
BFDG010	<4	3.09	23	2	316	18	3	511	2	6078	32	16	52	12
BFDG011	<4	2.36	12	7	1945	36	13	298	25	6674	95	33	139	28
BFDG012	<4	2.55	19	5	674	36	6	346	17	3921	45	19	109	12
BFDG013	<4	2.39	19	28	1437	24	12	323	17	6514	115	26	103	19
BFDG014	<4	2.66	16	7	1067	26	7	350	15	5755	57	20	114	18
BFDG015	<4	2.27	18	11	1485	32	8	363	7	6711	70	18	147	17
BFDG016	<4	1.32	13	17	864	41	6	479	6	2630	43	12	201	25
BFDG017	<4	1.46	12	27	1106	36	12	282	4	5515	103	15	115	22
BFDG018	<4	1.89	13	16	826	29	6	296	13	2660	51	16	102	48
BFDG019	<4	0.72	14	<2	270	<10	2	237	12	1934	25	8	47	4
BFDG021	4	1.36	12	27	770	27	9	261	12	4121	84	15	111	18

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LONG	NT,YP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-PP	ODOR	CON1	CON2	CON3	FORM
BFDG022	35.175	118.365	07	40480				3	1	1				2	UNKN
BFDG023	35.147	118.487	07	40480				3	1	1				1	QTRN
BFDG024	35.173	118.335	06	40480				3	1	1				2	QTRN
BFDG025	35.171	118.495	07	40480				3	1	1				1	QTRN
BFDG026	35.197	118.334	07	40480				3	1	1				2	UNKN
BFDG027			07	40480				3	1	1				1	QTRN
BFDG028	35.195	118.322	07	40480				2	1	1				5	UNKN
BFDG029			07	40490				3	1	1				1	QTRN
BFDG030	35.160	118.324	07	40480				3	1	1				2	UNKN
BFDG031	35.010	118.282	07	40480				3	1	1				2	QTRN
BFDG032	35.112	118.353	07	40480				3	1	1				8	QTRN
BFDG033	35.018	118.256	07	40480				3	1	1				2	QTRN
BFDG034	35.084	118.322	07	40480				3	1	1				2	UNKN
BFDG035	35.039	118.266	07	40490				3	1	1				2	QTRN
BFDG036	35.048	118.317	06	40480				3	1	1				2	UNKN
BFDG037	35.071	118.298	06	40480				3	1	1				2	UNKN
BFDG038	35.038	118.290	06	40480				3	1	1				2	QTRN
BFDG039	35.062	118.272	06	40480				3	1	1				2	QTRN
BFDG040	35.009	118.309	07	40480				3	1	1				2	QTRN
BFDG041	35.079	118.256	06	40480				3	1	1				2	QTRN
BFDH001	35.018	118.134	07	33180				3	1	1				2	QTRN
BFDH003	35.005	118.161	07	33180				3	1	1				5	QTRN
BFDH004	35.010	118.185	07	33180				3	1	1				5	QTRN
BFDH005	35.009	118.210	07	33180				3	1	1				2	QTRN
BFDH006	35.012	118.239	07	33180				3	1	1				2	QTRN
BFDH007	35.031	118.214	07	33180				3	1	1				2	QTRN
BFDH008	35.111	118.134	07	40180				3	1	1				2	QTRN
BFDH009	35.079	118.164	07	40180				3	1	1				2	QTRN
BFDH010	35.068	118.200	07	40180				3	1	1				2	QTRN
BFDH011	35.050	118.201	07	40180				3	1	1				2	QTRN
BFDH012	35.043	118.232	06	40180				3	1	1				2	QTRN
BFDH013	35.069	118.237	07	40180				3	1	1				2	QTRN
BFDH014	35.110	118.241	07	40180				3	1	1				2	QTRN
BFDH015	35.109	118.187	07	40180				3	1	1				2	QTRN
BFDH016	35.119	118.165	07	40180				3	1	1				2	QTRN
BFDH017	35.043	118.151	07	40180				3	1	1				2	QTRN
BFDH019	35.078	118.130	07	40180				3	1	1				2	QTRN
BFDH020	35.019	118.114	07	40180				3	1	1				2	QTRN
BFDH022	35.013	118.060	07	40180				3	1	1				2	UNKN
BFDH023	35.020	118.017	07	40180				3	1	1				2	UNKN
BFDH024	35.044	118.011	07	40180				3	1	1				2	UNKN
BFDH025	35.071	118.023	07	40180				3	1	1				2	QTRN
BFDH026	35.071	118.059	07	40180				3	1	1				2	QTRN
BFDH027	35.070	118.094	07	40180				3	1	1				2	QTRN
BFDH028	35.070	118.114	07	40180				3	1	1				2	QTRN
BFDH029	35.048	118.113	07	40180				3	1	1				2	QTRN
BFDH031	35.042	118.060	07	40180				3	1	1				2	QTRN
BFDH032	35.096	118.113	07	40180				3	1	1				2	QTRN
BFDH034	35.110	118.055	07	40180				3	1	1				2	QTRN
BFDH035	35.107	118.020	07	40180				3	1	1				8	QTRN
BFDH036	35.139	118.021	07	40180				3	1	1				2	QTRN
BFDH037	35.139	118.057	07	40180				3	1	1				2	QTRN
BFDH038	35.171	118.056	07	40180				3	1	1				2	QTRN
BFDH039	35.198	118.054	07	40180				3	1	1				2	QTRN
BFDH040	35.176	118.083	07	40180				3	1	1				2	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	PTYP	FLOW	SLVL	RELF	TVEG	DVEG	NAP	U-FL	U-NT	AG	AL
BFDG022	10		38.00	04	1	1	2	2	1	NI:101	3.01		<2	3.61
BFDG023	10		30.00	10	1	1	2	3	2	NI:101	2.00		<2	8.23
BFDG024	10		26.00	10	1	1	2	3	2	NI:101	1.52		<2	3.77
BFDG025	10		28.00	10	1	1	2	3	1	NI:101	2.36		<2	3.97
BFDG026	10		48.00	02	1	1	3	2	1	NI:101	1.63		<2	8.81
BFDG027	10		29.00	10	1	1	1	3	1		4.04		<2	3.23
BFDG028	10		22.00	92	1	1	3	2	1	NI:101	2.35		<2	8.03
BFDG029	10		34.00	10	1	1	1	3	1		1.21		<2	8.89
BFDG030	10		28.00	02	1	1	2	2	1	NI:101	0.70		<2	3.77
BFDG031	10		38.00	10	1	1	1	3	2	NI:101	5.37		<2	7.99
BFDG032	10		28.00	10	1	1	1	4	2	NI:101	2.52		<2	7.77
BFDG033	10		32.00	10	1	1	1	3	2	NI:101	2.56		<2	8.44
BFDG034	10		30.00	04	1	1	3	2	1	NI:101	4.35		<2	8.19
BFDG035	10		32.00	10	1	1	1	3	2	NI:101	3.63		<2	8.47
BFDG036	10		30.00	04	1	1	2	3	1	NI:101	2.77		<2	3.70
BFDG037	10		34.00	04	1	1	3	3	2	NI:101	2.60		<2	8.52
BFDG038	10		26.00	10	1	1	1	3	2	NI:101	6.40		<2	7.06
BFDG039	10		30.00	10	1	1	2	3	2	NI:101	3.82		<2	9.38
BFDG040	10		36.00	10	1	1	1	3	2	NI:101	1.66		<2	8.60
BFDG041	10		38.00	10	1	1	2	3	2	NI:101	3.38		<2	3.53
BFDH001	10		38.00	10	1	1	1	5	2	NI:101	2.82		<2	9.18
BFDH003	10		36.00	10	1	1	1	5	2	NI:101	2.39		<2	8.26
BFDH004	10		32.00	10	1	1	1	5	2	NI:101	2.21		<2	8.17
BFDH005	10		36.00	10	1	1	1	3	2	NI:101	3.76		<2	9.18
BFDH006	10		32.00	10	1	1	1	3	2	NI:101	2.08		<2	8.38
BFDH007	10		34.00	10	1	1	1	3	2	NI:101	2.31		<2	8.63
BFDH008	10		46.00	10	1	1	1	2	2	NI:101	2.71		<2	8.83
BFDH009	10		40.00	10	1	1	1	3	2	NI:101	2.53		<2	7.74
BFDH010	10		38.00	10	1	1	1	3	2	NI:101	3.15		<2	7.38
BFDH011	10		42.00	10	1	1	1	3	2	NI:101	2.87		<2	7.74
BFDH012	10		42.00	10	1	1	1	3	2	NI:101	3.63		<2	7.42
BFDH013	10		44.00	10	1	1	2	3	2	NI:101	5.74		<2	7.30
BFDH014	10		34.00	10	1	1	2	3	2	NI:101	2.40		<2	7.61
BFDH015	10		36.00	10	1	1	1	3	2	NI:101	3.07		<2	7.66
BFDH016	10		48.00	10	1	1	1	3	2	NI:101	3.87		<2	3.01
BFDH017	10		30.00	10	1	1	1	3	2	NI:101	2.60		<2	8.12
BFDH019	10		42.00	10	1	1	1	3	2	NI:101	2.35		<2	6.82
BFDH020	10		40.00	10	1	1	1	3	2	NI:101	1.81		<2	8.33
BFDH022	10		32.00	04	1	1	1	3	2	NI:101	2.21		<2	7.24
BFDH023	10		40.00	04	1	1	1	3	2	NI:101	2.81		<2	8.27
BFDH024	10		36.00	04	1	1	2	3	2	NI:101	2.89		<2	7.64
BFDH025	10		28.00	10	1	1	1	3	2	NI:101	3.22		<2	6.42
BFDH026	10		33.00	10	1	1	1	3	2	NI:101	2.39		<2	7.31
BFDH027	10		35.00	10	1	1	1	3	2	NI:101	2.63		<2	7.64
BFDH028	10		35.00	10	1	1	1	3	2	NI:101	2.24		<2	7.50
BFDH029	10		38.00	10	1	1	1	3	2	NI:101	1.58		<2	7.94
BFDH031	10		30.00	10	1	1	1	3	2	NI:101	2.44		<2	7.93
BFDH032	10		48.00	10	1	1	1	3	2	NI:101	3.37		<2	7.59
BFDH034	10		34.00	10	1	1	1	3	2	NI:101	2.70		<2	7.87
BFDH035	10		42.00	10	1	1	1	3	2	NI:101	3.07		<2	8.31
BFDH036	10		40.00	10	1	1	1	3	2	NI:101	2.93		<2	7.66
BFDH037	10		36.00	10	1	1	1	3	2	NI:101	2.45		<2	8.23
BFDH038	10		38.00	10	1	1	1	3	2	NI:101	3.62		<2	8.36
BFDH039	10		30.00	10	1	1	1	3	2	NI:101	3.37		<2	8.37
BFDH040	10		36.00	10	1	1	1	3	2	NI:101	3.70		<2	7.98

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN
BFDG022	24	827	1	1.32	86	16	64	74	5.44	<15	1.74	36	32	1.19	844
BFDG023	<10	931	1	1.47	78	9	38	33	4.01	<15	1.18	34	25	1.00	614
BFDG024	16	611	1	2.93	50	17	87	25	4.17	26	1.16	19	31	1.39	662
BFDG025	<10	524	1	2.31	57	15	53	17	4.95	<15	1.01	18	17	1.29	761
BFDG026	10	547	1	1.92	68	19	63	21	4.65	<15	1.25	27	43	1.09	793
BFDG027	11	772	1	2.17	53	11	45	13	3.92	<15	1.13	21	14	0.99	714
BFDG028	<10	648	2	1.76	39	14	65	25	2.86	<15	1.14	19	36	1.08	566
BFDG029	10	1035	1	1.97	73	6	15	11	2.67	<15	1.54	36	23	0.61	415
BFDG030	12	260	1	3.45	30	31	169	51	6.49	<15	0.62	7	86	2.81	885
BFDG031	15	735	1	3.97	76	10	34	18	4.26	<15	1.38	31	36	1.15	710
BFDG032	19	673	2	4.70	71	8	14	13	3.94	<15	1.48	31	36	0.71	670
BFDG033	15	853	1	1.90	79	9	28	14	3.92	<15	1.46	35	33	0.95	605
BFDG034	<10	954	1	3.98	145	6	2	5	3.14	<15	1.01	65	25	0.65	472
BFDG035	16	702	2	1.85	106	9	13	10	5.52	<15	1.51	45	44	0.83	789
BFDG036	11	711	1	2.72	92	14	46	15	5.30	<15	1.16	35	32	1.28	941
BFDG037	14	862	2	1.59	77	7	17	12	3.42	<15	1.64	37	33	0.62	523
BFDG038	11	793	<1	1.83	180	9	24	12	5.12	<15	1.30	88	18	0.46	1475
BFDG039	15	698	2	2.98	102	8	10	9	4.05	16	1.55	46	34	0.72	678
BFDG040	13	913	2	1.85	68	5	21	11	2.65	<15	1.87	33	32	0.60	535
BFDG041	21	717	2	2.16	93	8	13	8	4.01	<15	1.45	42	36	0.69	692
BFDH001	29	656	2	1.82	96	10	21	13	4.44	39	1.43	46	50	1.12	697
BFDH003	17	803	2	1.74	77	8	26	19	3.75	<15	1.50	36	30	0.89	649
BFDH004	19	856	2	1.44	70	6	19	11	3.16	<15	1.59	32	31	0.70	492
BFDH005	14	884	1	1.74	89	7	25	10	3.30	<15	1.56	43	26	0.81	556
BFDH006	15	843	1	1.88	87	9	28	15	3.92	<15	1.53	35	33	0.94	636
BFDH007	14	857	2	1.55	71	6	13	14	2.62	<15	1.69	32	25	0.53	520
BFDH008	28	895	2	1.33	80	9	40	15	3.79	<15	1.86	38	45	0.73	552
BFDH009	19	793	1	1.85	67	7	27	13	3.07	<15	1.64	34	37	0.68	563
BFDH010	11	666	1	1.53	76	<4	8	2	2.79	<15	1.52	35	24	0.44	618
BFDH011	12	667	2	1.93	68	5	9	5	2.97	<15	1.60	34	32	0.56	556
BFDH012	<10	648	1	3.60	73	4	6	6	3.24	<15	1.54	36	31	0.58	585
BFDH013	<10	676	2	1.41	62	<4	6	<2	2.62	<15	1.47	33	25	0.43	447
BFDH014	39	622	2	3.67	91	14	58	14	3.87	<15	1.18	36	59	1.25	667
BFDH015	24	841	1	2.33	66	10	32	97	3.78	<15	1.58	36	47	0.92	587
BFDH016	25	807	2	1.87	67	7	18	7	3.14	<15	1.79	37	44	0.73	533
BFDH017	21	646	2	1.42	75	7	19	8	3.26	<15	1.57	40	38	0.81	574
BFDH019	14	712	1	4.03	54	5	27	6	2.40	<15	1.63	28	43	1.28	413
BFDH020	17	720	2	1.48	63	5	16	5	2.80	<15	1.77	35	38	0.70	470
BFDH022	16	682	1	3.00	51	4	23	7	2.25	<15	1.63	26	53	1.29	421
BFDH023	17	702	1	1.64	62	6	22	10	2.01	<15	1.79	37	41	0.79	476
BFDH024	17	703	1	1.99	69	5	20	7	2.66	<15	1.59	38	32	0.67	445
BFDH025	20	699	1	5.19	35	4	27	6	1.98	<15	1.59	17	44	1.49	347
BFDH026	15	782	1	1.38	74	4	23	5	2.50	<15	1.68	37	28	0.45	386
BFDH027	11	800	1	1.32	64	5	24	5	2.25	<15	1.83	33	28	0.40	363
BFDH028	18	739	1	1.38	58	5	22	7	2.50	<15	1.63	31	30	0.52	402
BFDH029	23	713	1	1.44	61	7	27	9	3.01	<15	1.73	31	41	0.70	503
BFDH031	15	813	1	1.49	61	4	22	6	2.50	<15	1.88	34	30	0.51	435
BFDH032	32	774	1	1.89	65	7	25	8	3.22	<15	1.80	35	52	0.88	559
BFDH034	16	810	1	1.42	48	6	28	5	2.60	<15	1.81	26	36	0.64	403
BFDH035	22	822	1	1.50	69	7	27	9	3.19	<15	2.00	37	45	0.74	570
BFDH036	18	787	1	1.44	72	6	25	7	2.86	<15	1.65	37	34	0.68	511
BFDH037	20	806	1	1.35	63	5	26	6	3.04	<15	1.78	35	36	0.73	510
BFDH038	21	776	1	1.57	73	7	30	8	3.21	<15	1.83	35	45	0.83	543
BFDH039	15	823	1	1.40	89	7	24	7	3.35	<15	1.87	45	41	0.80	573
BFDH040	21	837	1	1.82	73	6	17	6	3.70	<15	1.80	39	42	0.77	509

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDG022	<4	1.16	20	33	1052	21	12	223	5	5841	112	22	135	15
BFDG023	<4	1.53	11	31	826	15	8	260	5	4558	101	17	114	13
BFDG024	<4	1.86	10	37	614	27	11	299	7	5349	96	15	112	47
BFDG025	<4	1.95	9	23	423	<10	13	308	<2	4403	109	16	92	10
BFDG026	<4	1.65	15	26	296	32	11	298	12	7097	93	19	81	62
BFDG027	<4	1.77	10	16	392	35	12	292	7	5425	107	16	108	15
BFDG028	<4	1.64	7	27	121	30	7	269	3	3418	54	13	49	70
BFDG029	<4	2.78	14	10	878	43	6	413	3	4473	54	15	92	9
BFDG030	<4	1.61	7	78	629	<10	18	219	<2	5650	138	15	91	60
BFDG031	<4	2.02	14	17	1258	26	10	330	13	4977	91	15	121	16
BFDG032	<4	2.53	15	10	1230	63	7	352	14	3941	62	22	124	16
BFDG033	<4	2.19	13	11	968	25	9	305	8	4691	80	15	112	16
BFDG034	<4	2.33	32	<2	1448	15	5	438	11	9890	52	24	104	19
BFDG035	<4	2.02	26	5	1727	23	10	260	13	5915	76	39	141	20
BFDG036	<4	2.19	17	18	1368	30	14	324	7	8245	121	26	118	18
BFDG037	<4	2.36	17	8	844	12	7	314	8	4676	60	23	96	18
BFDG038	<4	2.00	44	5	520	89	8	293	35	22796	108	32	80	50
BFDG039	<4	2.46	22	5	1516	22	7	319	19	4451	63	33	131	21
BFDG040	<4	2.48	18	11	661	31	7	352	5	4213	58	16	69	15
BFDG041	<4	2.37	22	6	1180	31	7	304	7	4070	59	29	104	18
BFDH001	<4	1.81	18	9	646	<10	9	273	14	4215	69	22	104	23
BFDH003	<4	2.16	14	11	719	36	9	300	10	4698	82	19	99	17
BFDH004	<4	2.34	14	10	725	69	7	304	5	3700	61	16	87	12
BFDH005	<4	2.47	15	8	813	23	8	319	14	4840	74	19	104	15
BFDH006	<4	2.32	15	14	951	41	9	305	6	4870	81	19	110	15
BFDH007	<4	2.68	19	8	870	32	6	324	13	4105	54	24	84	24
BFDH008	<4	2.40	15	13	1003	59	7	295	16	4568	78	16	103	30
BFDH009	<4	2.08	15	14	960	<10	7	283	12	3956	53	15	93	25
BFDH010	<4	2.26	20	4	639	<10	5	278	15	6257	48	24	49	42
BFDH011	<4	2.30	18	6	956	<10	6	280	14	3843	39	27	89	25
BFDH012	<4	2.32	19	5	1208	<10	6	309	12	4227	42	33	105	24
BFDH013	<4	2.40	20	3	726	<10	5	292	11	4146	37	30	58	38
BFDH014	<4	1.46	15	19	1078	34	9	285	12	4150	81	17	99	10
BFDH015	<4	2.00	14	20	992	<10	8	300	15	3876	58	19	135	27
BFDH016	<4	2.09	12	8	1080	<10	6	296	12	3655	52	16	97	27
BFDH017	<4	1.81	13	9	559	<10	7	259	17	3813	50	21	97	24
BFDH019	<4	2.06	14	9	528	<10	5	517	13	3642	46	15	53	22
BFDH020	<4	2.25	14	10	497	<10	6	291	13	3660	43	19	69	23
BFDH022	<4	2.12	12	9	647	<10	6	403	15	3292	38	16	58	21
BFDH023	<4	2.28	12	13	668	<10	7	305	12	3798	52	18	84	22
BFDH024	<4	2.17	13	11	792	<10	6	324	21	4036	52	17	64	21
BFDH025	<4	1.91	10	9	501	<10	5	618	11	2761	37	11	50	18
BFDH026	<4	2.21	14	10	632	<10	6	295	18	4288	48	18	53	25
BFDH027	<4	2.54	13	9	519	<10	5	297	15	3729	45	17	46	23
BFDH028	<4	2.10	13	11	601	<10	6	284	14	3839	46	17	58	25
BFDH029	<4	2.03	13	12	772	<10	7	268	18	3869	52	16	73	25
BFDH031	<4	2.64	15	10	592	<10	6	313	14	4403	46	18	55	25
BFDH032	<4	2.00	13	10	1142	<10	7	286	7	3810	50	17	88	26
BFDH034	<4	2.44	11	10	763	<10	6	296	4	3459	44	15	68	21
BFDH035	<4	2.45	17	13	1134	<10	7	298	15	4608	54	20	87	25
BFDH036	<4	2.19	13	8	985	<10	7	296	15	4273	50	18	77	25
BFDH037	<4	2.14	11	9	1031	<10	7	301	12	3961	50	16	78	22
BFDH038	<4	2.32	13	14	886	<10	7	298	14	4032	55	18	89	21
BFDH039	<4	2.47	16	12	1221	<10	7	325	14	4528	57	20	97	20
BFDH040	<4	2.52	12	9	1068	<10	6	342	13	4271	61	15	94	19

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DE	DDOR	CON1	CON2	CON3	FORM
BFDH043	35.221	118.118	07	40280				2	1	1				8	QTRN
BFDH044	35.212	118.139	07	40280				2	1	1				9	QTRN
BFDH045	35.228	118.167	06	40280				2	1	1				8	UNKN
BFDH046	35.239	118.191	06	40280				2	1	1				8	UNKN
BFDH047	35.226	118.234	07	40280				2	1	1				8	UNKN
BFDH048	35.182	118.244	07	40280				2	1	1				8	UNKN
BFDH049	35.204	118.224	06	40280				3	1	1				8	UNKN
BFDH050	35.213	118.207	06	40290				2	1	1				9	UNKN
BFDH051	35.186	118.210	06	40290				2	1	1				2	UNKN
BFDH052	35.149	118.194	07	40290				2	1	1				8	UNKN
BFDH053	35.151	118.230	06	40290				2	1	1				8	UNKN
BFDH054	35.159	118.151	07	40290				2	1	1				9	QTRN
BFDH055	35.175	118.133	06	40290				2	1	1				2	QTRN
BFDH056	35.192	118.105	06	40290				2	1	1				2	QTRN
BFDH057	35.206	118.088	06	40290				2	1	1				8	QTRN
BFDH058	35.232	118.056	07	40290				2	1	1				8	QTRN
BFDH059	35.136	118.171	07	40380				3	1	1				2	QTRN
BFDH060	35.176	118.020	07	40380				3	1	1				2	QTRN
BFDH061	35.206	118.021	07	40380				3	1	1				2	QTRN
BFDH062	35.234	118.020	07	40380				3	1	1				2	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	U-NT	AG	AL
BFDH043	10		52.00	10	1	1	3	3	2	NI1101	7.44		<2	8.09
BFDH044	10		42.00	10	1	1	3	3	2	NI1101	4.58		<2	8.57
BFDH045	10		35.00	04	1	1	3	3	2	NI1101	5.30		<2	5.30
BFDH046	10		32.00	04	1	1	3	3	2	NI1101	2.70		<2	9.19
BFDH047	10		32.00	04	1	1	3	3	2	NI1101	3.60		<2	8.23
BFDH048	10		28.00	02	1	1	3	3	2	NI1101	2.89		<2	9.39
BFDH049	10		32.00	04	1	1	3	3	2	NI1101	3.02		<2	8.08
BFDH050	10		30.00	04	1	1	3	3	2	NI1101	1.71		<2	8.86
BFDH051	10		20.00	02	1	1	3	3	2	NI1101	2.52		<2	8.33
BFDH052	10		30.00	04	1	1	3	3	2	NI1101	3.70		<2	9.17
BFDH053	10		75.00	04	1	1	3	3	2	NI1101	10.99		<2	10.99
BFDH054	12		30.00	10	1	1	3	3	2	NI1101	4.31		<2	8.57
BFDH055	10		30.00	10	1	1	3	3	2	NI1101	4.38		<2	7.55
BFDH056	10		40.00	10	1	1	3	3	2	NI1101	39.56		<2	7.69
BFDH057	10		40.00	10	1	1	3	3	2	NI1101	7.57		<2	7.84
BFDH058	10		40.00	10	1	1	3	3	2	NI1101	3.75		<2	7.85
BFDH059	10		46.00	10	1	1	1	3	2	NI1101	5.28		<2	8.51
BFDH060	10		39.00	10	1	1	1	3	1	NI1101	4.35		<2	7.69
BFDH061	10		42.00	10	1	1	1	3	2	NI1101	2.51		<2	7.91
BFDH062	10		36.00	10	1	1	1	2	2	NI1101	4.07		<2	8.06

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	B	BA	BE	CA	CE	CO	CR	CU	FC	HF	K	LA	LI	MG	MN
BFDH043	16	658	2	2.06	117	5	7	5	3.48	<15	1.71	56	38	0.74	570
BFDH044	14	771	2	2.29	105	6	4	4	3.52	<15	1.67	54	43	0.82	525
BFDH045	<10	379	<1	2.65	120	18	46	4	17.68	<15	0.70	54	19	0.99	982
BFDH046	13	842	1	3.88	102	6	7	3	3.33	<15	1.57	51	31	0.49	457
BFDH047	22	588	1	2.00	34	9	13	13	2.65	<15	1.61	17	49	0.57	724
BFDH048	12	825	<1	2.08	49	11	24	13	3.60	<15	1.22	28	28	0.64	1143
BFDH049	14	567	1	2.44	42	9	27	12	2.49	<15	1.23	20	25	0.31	451
BFDH050	<10	431	<1	3.16	24	23	111	27	4.44	<15	0.88	10	30	1.23	897
BFDH051	13	664	1	2.67	69	5	16	5	2.32	<15	1.39	37	24	0.40	550
BFDH052	29	957	1	1.71	101	10	16	9	4.28	<15	1.72	46	55	1.12	761
BFDH053	26	792	4	0.66	92	4	10	6	2.46	<15	2.48	51	58	0.40	758
BFDH054	21	779	2	2.31	83	7	9	5	3.20	<15	1.78	48	47	0.70	552
BFDH055	23	845	1	2.64	105	6	1	4	3.28	<15	1.36	53	42	0.81	450
BFDH056	16	823	1	2.50	118	4	1	2	2.98	<15	1.72	57	36	0.66	424
BFDH057	13	758	2	2.99	105	5	2	3	2.83	<15	1.72	54	37	0.69	533
BFDH058	15	803	1	2.07	78	6	20	5	3.41	<15	1.79	41	31	0.66	508
BFDH059	23	814	2	2.48	94	8	9	8	3.52	<15	1.81	49	45	0.77	675
BFDH060	21	753	1	1.58	88	7	36	7	3.50	<15	1.77	46	38	0.79	536
BFDH061	19	775	1	1.50	84	6	30	8	2.94	<15	1.71	42	38	0.73	507
BFDH062	16	792	1	2.13	86	6	26	6	3.25	<15	1.68	45	34	0.71	496

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE BAKERSFIELD QUADRANGLE

SAMPLE	MO	NA	NO	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
BFDH043	<4	2.16	19	4	1401	<10	6	745	35	5127	62	22	103	20
BFDH044	<4	2.22	16	2	1388	<10	5	393	25	5076	64	19	106	12
BFDH045	<4	1.47	30	7	1564	<10	10	272	20	16562	422	31	93	34
BFDH046	<4	2.84	16	6	1116	<10	5	345	15	5427	46	15	114	12
BFDH047	<4	2.01	11	14	870	<10	5	274	4	3750	45	14	67	56
BFDH048	<4	2.04	18	16	492	<10	9	364	15	8357	79	18	76	71
BFDH049	<4	1.89	11	19	347	<10	7	337	12	3669	42	15	52	68
BFDH050	<4	1.74	6	49	333	<10	16	297	10	5657	104	15	53	64
BFDH051	<4	2.35	19	8	418	<10	4	363	10	7980	44	17	41	67
BFDH052	<4	2.30	19	11	1238	<10	8	371	11	6117	75	21	125	16
BFDH053	<4	0.77	22	4	508	<10	6	122	25	2544	30	20	66	47
BFDH054	<4	2.22	12	6	1102	<10	6	349	17	3971	56	14	100	10
BFDH055	<4	2.43	14	3	1541	<10	5	536	13	5301	59	15	91	8
BFDH056	<4	2.42	24	2	1269	<10	4	414	22	5417	54	23	86	13
BFDH057	<4	2.22	17	4	1610	<10	5	420	20	4772	48	18	99	12
BFDH058	<4	2.36	15	11	805	<10	6	338	17	4513	65	16	78	30
BFDH059	<4	1.59	18	7	994	<10	8	254	22	4188	61	17	89	25
BFDH060	<4	2.27	15	12	879	<10	8	290	35	4542	61	21	72	29
BFDH061	<4	2.24	15	12	929	<10	7	296	21	4081	53	18	75	22
BFDH062	<4	2.41	15	8	872	<10	6	351	17	4596	59	17	70	28

NOMENCLATURE

EXPLANATION OF CODES USED

SAMPLE = SRL SAMPLE LOCATION NUMBER: A unique six-place designator permanently assigned to every location sampled. The first two characters give the quadrangle abbreviations; the abbreviation for Bakersfield is BF. The third and fourth characters are the alpha coordinates based on a grid system where the quadrangle is divided into 32 sections and labeled alphabetically from left to right and top to bottom. Sites are numbered sequentially within each grid square. Numbers begin with 001 in each grid square and are generally consecutive.

LAT, LONG = LATITUDE AND LONGITUDE: Sample location, in degrees and decimal degrees to four places.

NTYP = SRL SAMPLE TYPE: A two-digit identifier which specifically designates the pertinent properties defining the sample type. All samples in this report are:

01 - Other sediment.

05 - Stream sediment and stream water collected at the same sample location. Stream sediment was dried at 110°C and sieved to collect the <100 mesh fraction.

06 - Stream sediment, dried at 110°C and sieved to <100 mesh.

07 - Talus.

08 - Volcanic necks.

DAY = The date the sample was taken in terms of the number of the month, the day, and the year.

WTEM = WATER TEMPERATURE: The temperature measured at the time of sampling, to the nearest degree Celsius (°C).

COND = CONDUCTIVITY: The conductivity in $\mu\text{mhos/cm}$, measured in the water at the sample location at the time of sampling.

ALK = ALKALINITY: A four-digit identifier, where the first 2 digits are drops H_2SO_4 and the last 2 digits are water volume, in millimeters.

SIZE = SEDIMENT SIZE: The single digit in this column provides a subjective evaluation of the dominant sediment size at the sample location, as given below:

1 = Boulders
2 = Cobbles
3 = Pebbles

4 = Sand
5 = Silt
6 = Clay

7 = Organic Muck
8 = Other

WIDE = WATER WIDTH: The single digit in this column provides an observed measurement of stream width at the sample location at the time of sampling as given below:

1 = less than 0.5 ft	4 = 2 - 4 ft	7 = 16 - 32 ft
2 = 0.5 - 1 ft	5 = 4 - 8 ft	8 = > 32 ft
3 = 1 - 2 ft	6 = 8 - 16 ft	9 = Dry

S-DP = WATER DEPTH: The single digit in this column provides an observed measurement of water depth at the sample location at the time of sampling, as given below:

1 = less than 0.5 ft	4 = 2 - 4 ft	7 = 16 - 32 ft
2 = 0.5 - 1 ft	5 = 4 - 8 ft	8 = > 32 ft
3 = 1 - 2 ft	6 = 8 - 16 ft	9 = Dry

ODOR = SAMPLE ODOR: The single digit in this column provides a subjective evaluation of the sample odor at the time of sampling, as given below:

1 = None	3 = Strong H ₂ S	4 = Other
2 = Weak H ₂ S		

CON 1, 2, 3 = CONTAMINANTS: The numbers in these columns indicate known or suspected local factors likely to influence analytical results, as given below:

1 = Chemical	5 = Dumps	9 = Other Industrial
2 = Smelting	6 = Farming	A = Recreational
3 = Mining	7 = Power Generation	B = Residential
4 = Sewage	8 = Urban	

FORM = GEOLOGIC FORMATION: A four place designator which represents the first four consonants of the geologic formation, or the first four consonants of the age of the formation, or UNKN for unknown. A list defining these groupings is unavailable.

TOT = Number of subsamples collected at the sampling location. For sediment samples the minimum is five.

pH = The pH to the nearest one-tenth (0.1) of a pH unit, measured in the water at the sample location at the time of sampling.

SCIN = SCINTILLOMETER: The equivalent uranium (eU) in counts per second.

RTYP = ROCK TYPE: The numbers in this column provide a subjective evaluation of the rock type at the sample location, as given below:

1 = Other	5 = Metamorphic	8 = Shale
2 = Volcanic - felsic	6 = Clastics - coarse	9 = Carbonate
3 = Volcanic - mafic	7 = Sandstone	10 = Unconsolidated
4 = Plutonic - felsic		Valley Fill

FLOW = WATER FLOW: The single digit in this column provides a subjective evaluation of the water movement at the sample location at the time of sampling, as given below:

1 = Stagnant	3 = Moderate	5 = Torrent
2 = Slow	4 = Fast	

SLVL = WATER LEVEL: The single digit in this column provides a subjective estimate of water quantity at the time of sampling, relative to the usual condition at the sample location, as given below:

1 = Dry	3 = Normal	5 = Flood
2 = Low	4 = High	

RELF = RELIEF: The single digit in this column provides a subjective evaluation of the topography within a few hundred meters of the sample location, as given below:

1 = Flat	3 = Gentle (50-200 ft)	5 = High (>1,000 ft)
2 = Low (0-50 ft)	4 = Moderate (200-400 ft)	

TVEG = VEGETATION TYPE: The single digit in this column provides a subjective evaluation of the dominant plant type in the vicinity of the sample location, as given below:

1 = Conifers	4 = Grass/Pasture	7 = Other
2 = Deciduous	5 = Marsh/Swamp	
3 = Brush	6 = Peat/Bog	

DVEG = VEGETATION DENSITY: The single digit in this column provides a subjective evaluation of the amount of plant cover in the vicinity of the sample location, as given below:

1 = Barren	3 = Moderate	5 = Very Dense
2 = Sparse	4 = Dense	

MAP = MAP CODE: A unique six-digit identifier assigned to each quadrangle.

VARIABLE NAMES AND DEFINATIONS

SAMPLE	=	SRL SAMPLE NUMBER
LAT	=	LATITUDE
LONG	=	LONGITUDE
NTYP	=	SRL SAMPLE TYPE
DAY	=	DATE SAMPLE WAS COLLECTED
WTEM	=	WATER TEMPERATURE
COND	=	CONDUCTIVITY
ALK	=	ALKALINITY
SIZE	=	SEDIMENT SIZE
WIDE	=	WATER WIDTH
S-DP	=	WATER DEPTH
ODOR	=	ODOR
CON 1	=	CONTAMINATION
CON 2	=	CONTAMINATION
CON 3	=	CONTAMINATION
FORM	=	GEOLOGIC FORMATION
TOT	=	NUMBER OF SUBSAMPLES
PH	=	PH
SCIN	=	SCINTILLOMETER
RTYP	=	ROCK TYPE
FLOW	=	WATER FLOW
SLVL	=	WATER LEVEL
RELF	=	RELIEF
TVEG	=	VEGETATION TYPE
DVEG	=	VEGETATION DENSITY
MAP	=	MAP CODE

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5. United States Department of Energy, *An Assessment Report on Uranium in the United States of America*, Grand Junction, Colorado, GJO-111(80) (1980).

APPENDIX

MICROFICHE OF FIELD AND LABORATORY DATA

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APPENDIX

MICROFICHE OF FIELD AND LABORATORY DATA

CONTENTS

<u>Laboratory Data</u>	<u>Page</u>
Page 1	1-99
<u>Field Data</u>	
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NOTE: DUE TO THE HIGH DENSITY OF SAMPLES, LOCATIONS OF THE FOLLOWING SAMPLES ARE INDICATED BY THE SYMBOL ONLY (SEE LEGEND FOR SYMBOL IDENTIFICATION).

Symbol	Sample Identifier
□	BFA001
□	BFA002
□	BFA003
□	BFA004
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LEGEND

□ STREAM SEDIMENT

PLATE 1
BAKERSFIELD QUADRANGLE
SEDIMENT SAMPLE
LOCATION MAP
SRL SAMPLE IDENTIFIER
SCALE 1: 250000
1763 SAMPLES PLOTTED

SYMBOL RANGES FOR
PLOTTED VARIABLE (X)

+	0.0 ≤ X < 0.25
x	0.25 ≤ X < 0.70
.	0.70 ≤ X < 1.20
.	1.20 ≤ X < 1.50
o	1.50 ≤ X < 1.80
o	1.80 ≤ X < 2.20
o	2.20 ≤ X < 2.50
o	2.50 ≤ X < 3.00
o	3.00 ≤ X < 3.50
o	3.50 ≤ X < 4.40
o	4.40 ≤ X < 5.60
o	5.60 ≤ X < 7.50
o	7.50 ≤ X < 11.90
■	11.90 ≤ X < 21.40
★	X ≥ 21.40

PLATE 2
BAKERSFIELD QUADRANGLE
SYMBOL PLOT
SEDIMENT SAMPLE
URANIUM FLUOROMETRY

SCALE 1: 250000
1744 SAMPLES PLOTTED