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NATIONAL URANIUM RESOURCE EVALUATION PROGRAM

**HYDROGEOCHEMICAL AND STREAM SEDIMENT
RECONNAISSANCE BASIC DATA FOR
LUND QUADRANGLE, NEVADA; UTAH**

Uranium Resource Evaluation Project

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A computer readable magnetic tape containing measurement, analysis, and location data may be purchased from the GJOIS Project, UCC-ND Computer Applications Dept., 4500 North Building, Oak Ridge National Laboratory, P. O. Box X, Oak Ridge, Tennessee 37830.

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ABSTRACT

Field and laboratory data are presented for 1,795 sediment samples from the Lund Quadrangle, Nevada; Utah. 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
LUND QUADRANGLE, NEVADA; UTAH

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 1,795 sediment samples from the Lund 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 LUND 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. Seventeen sediment samples, approximately 1% of the total, (LUAA045, LUAB010, LUBB040, LUBB041, LUBE018, LUBE025, LUBG032, LUCB042, LUCE039, LUCG007, LUCG051, LUCH054, LUDB016, LUDD061, LUDF069, LUDG002, and LUDG032) 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 LUND 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	124.0	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	1,100.0	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 LUND QUADRANGLE

Table 3

STATISTICAL SUMMARY FOR SEDIMENTS OF THE LUND QUADRANGLE

NO. SAMPLES ANALYZED BELOW		MEASURABLE DETECTION		DETECTION		MINIMUM		MAXIMUM		MEAN	MEDIAN	MODE	STANDARD DEVIATION	COEFFICIENT OF VARIATION	LN TRANSFORMATION			
ELEMENT	VALUES	LIMIT	LIMIT	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE						MEAN	S. D.	MEAN	S. D.
J-FL	1775	1	<0.25	<0.25	336.00	3.01	2.59	2.38	8.394	2.686	0.97	0.35	0.96	0.28				
AG	23	1772	<2	<2	353	32	<2	<2	73.8	2.3	2.31	1.44						
AL	1794	1	<0.25	<0.05	12.83	6.14	6.34	7.09	1.316	0.214	1.79	0.27	1.81	0.23				
B	1696	99	<10	<10	634	29	22	25	46.3	1.6	3.13	0.51	3.07	0.49				
BA	1794	1	<2	<2	3699	636	622	647	343.8	0.5	6.49	0.35	6.41	0.27				
BE	1782	13	<1	<1	64	1	2	1	1.8	1.0	0.59	0.37	0.69	0.26				
CA	1794	1	<0.25	<0.05	22.79	4.64	3.63	1.73	3.297	0.711	1.29	0.72	1.29	0.66				
CE	1786	9	<10	<10	435	66	64	65	26.1	0.4	4.14	0.36	4.14	0.32				
CO	1648	147	<4	<4	157	6	6	6	4.6	0.7	1.89	0.33	1.73	0.38				
CR	1791	4	<1	<1	326	26	24	21	18.7	0.7	3.17	0.45	3.16	0.41				
CU	1792	3	<2	<2	37690	39	13	11	893.6	22.7	2.53	0.54	2.55	0.39				
FE	1794	1	<0.25	<0.05	25.58	2.33	2.13	2.00	1.281	0.550	0.77	0.35	0.76	0.31				
HF	104	1691	<15	<15	115	21	<15	<15	12.0	0.6	3.09	0.33						
K	1794	1	<0.25	<0.02	3.39	1.73	1.74	1.62	0.437	0.253	0.59	0.33	0.53	0.26				
LA	1788	7	<2	<2	241	35	34	35	14.0	0.4	3.49	0.39	3.50	0.34				
LI	1794	1	<1	<1	247	34	32	27	16.6	0.5	3.49	0.32	3.47	0.26				
MG	1794	1	<0.25	<0.05	7.75	1.43	1.13	0.86	0.912	0.639	3.19	0.57	0.17	0.56				
MN	1794	1	<4	<4	15510	537	505	453	526.8	1.0	5.21	0.34	6.21	0.26				
MO	64	1751	<4	<4	392	19	<4	<4	59.6	3.1	1.99	1.00						
NA	1791	4	<0.25	<0.05	3.94	1.17	1.16	1.17	0.420	0.358	3.03	0.45	0.11	0.36				
NB	1788	7	<4	<4	52	13	13	14	3.9	0.3	2.69	0.25	2.60	0.23				
NI	1791	4	<2	<2	259	14	12	11	12.3	0.9	2.54	0.47	2.51	0.46				
P	1794	1	<5	<5	554	562	508	412	329.6	0.6	5.24	0.43	6.24	0.38				
PD	1321	474	<10	<10	37006	95	16	15	1479.1	15.4	2.97	0.61	2.74	0.47				
SC	1791	4	<1	<1	20	5	6	4	1.7	0.3	1.71	0.30	1.72	0.26				
SR	1794	1	<1	<1	255	323	308	287	108.3	0.3	5.72	0.36	5.73	0.30				
TH	1757	38	<2	<2	73	11	11	11	4.9	0.4	2.39	0.45	2.35	0.48				
TI	1794	1	<10	<10	24279	2739	2522	2175	1289.8	3.5	7.63	0.41	7.84	0.35				
V	1793	2	<2	<2	1017	65	57	49	44.8	0.7	4.07	0.43	4.05	0.39				
Y	1794	1	<1	<1	365	14	14	13	9.3	0.6	2.69	0.29	2.65	0.23				
ZN	1794	1	<2	<2	36070	118	66	65	1112.4	9.4	4.24	0.48	4.20	0.34				
ZR	1792	3	<2	<2	243	59	59	57	15.8	0.3	4.04	0.30	4.06	0.26				

Table 4

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CCCR	CON1	CON2	CON3	FORM
LUA0001	38.975	115.764	07	51380				3	1	1	2			8	QTAL
LUA0002	38.988	115.786	06	51380				3	1	1	2			8	QTAL
LUA0003	38.996	115.811	06	51380				3	1	1	2			8	QTAL
LUA0004	38.971	115.811	06	51380				3	1	1	2			8	QTAL
LUA0005	38.952	115.793	06	51380				3	1	1	2			8	QTAL
LUA0006	38.973	115.848	06	51380				3	1	1	2			8	QTAL
LUA0007	38.955	115.837	06	51380				3	1	1	2			8	QTAL
LUA0008	38.943	115.869	06	51380				3	1	1	2			8	QTAL
LUA0009	38.933	115.834	06	51380				3	1	1	2			8	QTAL
LUA0010	38.920	115.812	06	51380				3	1	1	2			8	QTAL
LUA0011	38.923	115.781	06	51380				3	1	1	2			8	QTAL
LUA0012	38.943	115.765	06	51380				3	1	1	2			8	QTAL
LUA0013	38.898	115.765	06	51480				3	1	1	2			8	QTAL
LUA0014	38.897	115.800	06	51480				3	1	1	2			8	QTAL
LUA0015	38.916	115.854	06	51480				3	1	1	2			8	QTAL
LUA0016	38.895	115.874	06	51480				3	1	1	2			8	QTAL
LUA0017	38.894	115.836	06	51480				3	1	1	2			2	QTAL
LUA0018	38.861	115.847	06	51480				3	1	1	2			8	QTAL
LUA0019	38.838	115.829	06	51480				3	1	1	2			8	QTAL
LUA0020	38.820	115.832	06	51480				3	1	1	2			8	QTAL
LUA0021	38.822	115.861	06	51480				3	1	1	2			8	QTAL
LUA0022	38.788	115.831	06	51480				3	1	1	2			8	QTAL
LUA0023	38.780	115.866	06	51480				3	1	1	2			8	QTAL
LUA0024	38.762	115.870	06	51480				3	1	1	2			8	QTAL
LUA0025	38.754	115.895	06	51480				3	1	1	2			8	QTAL
LUA0026	38.757	115.933	06	51480				3	1	1	2			8	QTAL
LUA0027	38.777	115.911	06	51480				3	1	1	2			8	QTAL
LUA0028	38.803	115.881	06	51480				3	1	1	2			8	QTAL
LUA0029	38.808	115.907	06	51480				3	1	1	2			8	QTAL
LUA0030	38.802	115.935	06	51480				3	1	1	2			8	QTAL
LUA0031	38.778	115.939	06	51480				3	1	1	2			8	QTAL
LUA0032	38.756	115.973	06	51480				3	1	1	2			8	QTAL
LUA0033	38.783	115.968	06	51480				3	1	1	2			8	QTAL
LUA0034	38.818	115.957	06	51480				3	1	1	2			8	QTAL
LUA0035	38.825	115.987	06	51480				3	1	1	2			8	QTAL
LUA0036	38.850	115.972	06	51480				3	1	1	2			8	QTAL
LUA0037	38.870	115.962	06	51480				3	1	1	2			8	QTAL
LUA0038	38.870	115.924	06	51480				3	1	1	2			8	QTAL
LUA0039	38.861	115.887	06	51480				3	1	1	2			8	QTAL
LUA0040	38.847	115.926	05	51480				3	1	1	2			8	QTAL
LUA0041	38.851	115.766	06	51480				3	1	1	2			8	QTAL
LUA0042	38.842	115.794	06	51480				3	1	1	2			8	QTAL
LUA0043	38.819	115.764	06	51480				3	1	1	2			8	QTAL
LUA0044	38.808	115.791	06	51480				3	1	1	2			8	QTAL
LUA0045	38.797	115.786	06	51480				3	1	1	2			8	QTAL
LUA0046	38.757	115.762	06	53080				2	1	1	2			8	QTRN
LUA0047	38.756	115.791	06	53080				2	1	1	2			8	QTRN
LUA0048	38.901	115.954	06	60980				3	1	1	2			8	QTRN
LUA0049	38.979	115.983	06	60980				3	1	1	2			8	QTRN
LUA0050	38.928	115.842	01	60980				2	1	1	2			8	UNKN
LUA0051	38.908	115.901	06	60980				3	1	1	2			8	QTRN
LUA0052	38.939	115.910	06	60980				3	1	1	2			8	QTRN
LUA0053	38.957	115.895	06	60980				3	1	1	2			8	QTRN
LUA0054	38.965	115.925	06	60980				3	1	1	2			8	QTRN
LUA0055	38.990	115.931	06	60980				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUA A001	10		70.00	10	1	1	2	3	1	NJ1106	3.31	<2	7.81	29
LUA A002	10		39.00	10	1	1	2	3	1	NJ1106	3.22	<2	7.58	23
LUA A003	10		45.00	10	1	1	2	3	1	NJ1106	3.68	<2	7.43	26
LUA A004	10		32.00	10	1	1	2	3	1	NJ1106	4.22	<2	6.64	16
LUA A005	10		70.00	10	1	1	2	3	1	NJ1106	2.64	<2	6.92	23
LUA A006	10		40.00	10	1	1	2	3	1	NJ1106	3.25	<2	7.63	22
LUA A007	10		48.00	10	1	1	2	3	1	NJ1106	3.57	2	7.15	14
LUA A008	10		42.00	10	1	1	2	3	1	NJ1106	4.12	<2	7.50	16
LUA A009	10		39.00	10	1	1	2	3	1	NJ1106	2.56	<2	5.76	17
LUA A010	10		32.00	10	1	1	2	3	1	NJ1106	2.25	<2	6.97	12
LUA A011	10		70.00	10	1	1	2	3	1	NJ1106	2.43	<2	6.54	28
LUA A012	10		35.00	10	1	1	2	3	1	NJ1106	2.40	<2	6.73	18
LUA A013	10		41.00	10	1	1	2	3	1	NJ1106	2.74	<2	6.89	21
LUA A014	10		35.00	10	1	1	2	3	1	NJ1106	2.82	<2	5.53	27
LUA A015	10		29.00	10	1	1	2	3	1	NJ1106	3.26	<2	6.28	28
LUA A016	10		31.00	10	1	1	2	3	1	NJ1106	3.14	<2	7.00	30
LUA A017	10		39.00	10	1	1	2	3	1	NJ1106	3.50	<2	4.74	31
LUA A018	10		25.00	10	1	1	2	3	1	NJ1106	2.79	<2	6.50	24
LUA A019	10		31.00	10	1	1	2	3	1	NJ1106	2.79	<2	6.71	26
LUA A020	10		38.00	10	1	1	2	3	1	NJ1106	4.13	<2	8.06	31
LUA A021	10		42.00	10	1	1	2	3	1	NJ1106	3.34	<2	7.27	35
LUA A022	10		34.00	10	1	1	2	3	1	NJ1106	4.50	<2	7.57	40
LUA A023	10		19.00	10	1	1	2	3	1	NJ1106	2.06	<2	5.06	20
LUA A024	10		20.00	10	1	1	2	3	1	NJ1106	2.46	<2	5.99	26
LUA A025	10		32.00	10	1	1	2	3	1	NJ1106	2.72	<2	7.49	30
LUA A026	10		70.00	10	1	1	2	3	1	NJ1106	2.28	<2	6.65	24
LUA A027	10		25.00	10	1	1	2	3	1	NJ1106	2.34	<2	6.73	32
LUA A028	10		30.00	10	1	1	2	3	1	NJ1106	2.51	<2	6.44	60
LUA A029	10		31.00	10	1	1	2	3	1	NJ1106	3.52	<2	7.37	59
LUA A030	10		38.00	10	1	1	2	3	1	NJ1106	3.05	<2	7.36	27
LUA A031	10		28.00	10	1	1	2	3	1	NJ1106	3.34	<2	7.47	38
LUA A032	10		12.00	10	1	1	2	3	1	NJ1106	3.23	<2	7.17	21
LUA A033	10		13.00	10	1	1	2	3	1	NJ1106	2.88	<2	7.55	29
LUA A034	10		20.00	10	1	1	2	3	1	NJ1106	2.55	<2	7.46	28
LUA A035	10		18.00	10	1	1	2	3	1	NJ1106	3.69	<2	7.53	26
LUA A036	10		15.00	10	1	1	2	3	1	NJ1106	3.36	<2	7.86	26
LUA A037	10		11.00	10	1	1	2	3	1	NJ1106	3.52	<2	7.61	25
LUA A038	10		12.00	10	1	1	2	3	1	NJ1106	4.60	<2	7.51	30
LUA A039	10		11.00	10	1	1	2	3	1	NJ1106	3.03	<2	7.07	32
LUA A040	10		13.00	10	1	1	2	3	1	NJ1106	2.55	<2	7.09	34
LUA A041	10		11.00	10	1	1	2	3	1	NJ1106	2.42	<2	7.58	16
LUA A042	10		10.00	10	1	1	2	3	1	NJ1106	2.47	<2	6.71	29
LUA A043	10		18.00	10	1	1	2	3	1	NJ1106	2.59	<2	6.72	20
LUA A044	10		12.00	10	1	1	2	3	1	NJ1106	3.77	<2	6.16	49
LUA A045	10		12.00	10	1	1	2	3	1	NJ1106	5.01	<2	12.83	37
LUA A046	10		50.00	10	1	1	2	2	2	NJ1106	3.13	<2	5.67	32
LUA A047	10		50.00	10	1	1	2	2	1	NJ1106	3.29	<2	6.01	49
LUA A048	10		55.00	10	1	1	1	3	2	NJ1106	2.39	<2	5.26	35
LUA A049	10		65.00	10	1	1	1	3	2	NJ1106	2.57	<2	5.41	39
LUA A050	10		40.00	09	1	1	1	3	1	NJ1106	1.60	<2	1.82	10
LUA A051	10		65.00	10	1	1	1	3	2	NJ1106	3.28	<2	6.45	32
LUA A052	10		75.00	10	1	1	1	3	2	NJ1106	3.08	<2	6.38	34
LUA A053	10		70.00	10	1	1	1	3	2	NJ1106	3.66	<2	4.36	33
LUA A054	10		65.00	10	1	1	1	3	2	NJ1106	2.81	2	5.57	29
LUA A055	10		65.00	10	1	1	1	3	2	NJ1106	2.51	<2	7.22	31

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUA A001	E30	2	1.56	87	7	34	14	2.68	<15	2.25	47	34	0.77	499	<4
LUA A002	E16	2	1.68	66	5	28	11	2.29	<15	2.16	40	34	0.64	395	<4
LUA A003	784	2	1.70	65	6	35	13	2.36	<15	2.13	34	26	0.74	469	<4
LUA A004	595	2	1.38	81	12	56	14	2.05	16	1.35	42	35	0.53	563	<4
LUA A005	805	2	1.92	93	11	46	9	2.71	<15	1.75	53	26	0.64	558	<4
LUA A006	E13	2	1.70	94	5	34	10	2.30	<15	2.22	52	31	0.52	463	<4
LUA A007	E14	2	1.65	89	5	24	10	2.09	<15	1.94	46	29	0.48	420	<4
LUA A008	788	2	1.39	73	6	17	12	1.88	<15	2.32	34	31	0.46	493	<4
LUA A009	744	2	4.21	69	4	29	11	2.14	<15	1.65	41	28	0.65	403	<4
LUA A010	783	2	2.27	94	9	62	10	3.13	<15	1.59	52	25	0.80	514	<4
LUA A011	766	2	3.03	64	6	33	10	2.27	21	1.82	36	30	0.74	469	<4
LUA A012	774	2	1.94	76	6	34	8	2.33	15	1.74	43	27	0.67	447	<4
LUA A013	E06	2	2.64	61	5	24	10	2.07	<15	2.05	36	31	0.67	431	<4
LUA A014	728	1	3.19	60	4	35	11	1.72	<15	1.92	37	27	0.60	324	<4
LUA A015	707	2	3.63	56	5	28	14	2.01	<15	1.86	23	31	0.68	413	<4
LUA A016	748	2	2.08	66	6	26	14	2.18	<15	2.01	36	32	0.67	507	<4
LUA A017	467	1	7.03	64	4	36	13	2.17	<15	1.42	39	30	0.79	373	<4
LUA A018	704	2	3.87	70	5	29	13	2.13	<15	1.77	40	30	0.67	404	<4
LUA A019	E74	2	1.40	97	8	40	11	3.44	<15	1.44	57	35	0.61	495	4
LUA A020	478	2	1.36	77	13	61	18	3.34	15	1.32	44	64	0.71	664	4
LUA A021	E11	2	2.04	81	6	40	15	2.59	<15	1.85	45	35	0.70	439	<4
LUA A022	E19	2	1.98	69	8	48	14	2.54	<15	1.72	38	35	0.72	435	<4
LUA A023	E58	1	9.68	48	5	27	14	1.86	15	1.32	28	27	1.63	284	<4
LUA A024	E37	2	6.24	54	4	21	11	1.86	<15	1.72	32	31	2.03	423	<4
LUA A025	739	2	1.44	60	5	25	12	2.43	<15	2.34	32	35	0.79	397	<4
LUA A026	797	2	3.87	59	7	22	14	1.90	<15	1.92	32	33	1.15	781	<4
LUA A027	E07	2	3.23	51	6	42	23	2.32	<15	2.29	31	37	1.24	447	<4
LUA A028	1168	2	0.94	60	7	73	35	2.90	<15	2.12	36	34	0.88	312	<4
LUA A029	E10	2	1.39	66	8	65	27	2.91	<15	1.96	38	44	0.92	378	<4
LUA A030	E45	2	1.82	79	7	31	12	2.09	<15	2.25	42	33	0.62	572	<4
LUA A031	E06	2	1.86	83	9	53	20	2.83	<15	2.02	45	44	0.79	615	<4
LUA A032	E08	2	1.68	130	6	27	11	3.17	<15	2.11	73	30	0.53	545	<4
LUA A033	781	2	1.79	78	6	24	14	2.82	<15	2.09	44	35	0.84	536	<4
LUA A034	787	2	1.95	68	6	23	11	2.30	<15	2.24	36	35	0.74	501	<4
LUA A035	E89	2	1.77	63	6	24	15	2.34	<15	2.46	34	41	0.73	494	<4
LUA A036	E09	2	1.90	68	8	32	12	2.65	<15	2.37	38	36	0.82	568	<4
LUA A037	767	2	1.97	93	7	41	13	2.81	<15	2.10	54	34	0.82	502	<4
LUA A038	796	2	1.48	75	9	35	20	2.72	<15	2.18	37	38	0.79	643	<4
LUA A039	714	2	3.02	66	6	36	18	2.35	<15	2.23	35	41	0.85	531	<4
LUA A040	732	2	1.73	69	7	31	16	2.55	<15	2.08	37	25	0.84	542	<4
LUA A041	E16	2	2.56	75	5	25	7	2.12	<15	2.14	42	26	0.63	441	<4
LUA A042	E76	2	3.34	64	6	30	12	2.49	<15	1.55	36	31	0.87	422	<4
LUA A043	776	2	3.06	125	5	24	9	2.65	<15	1.75	72	24	0.60	443	<4
LUA A044	1077	2	2.04	72	6	55	25	2.61	<15	1.94	42	25	0.72	385	<4
LUA A045	1474	3	5.71	171	13	50	19	8.11	<15	2.91	54	45	1.26	1084	<4
LUA A046	1199	2	5.14	57	5	58	21	1.88	<15	1.74	34	34	1.28	323	<4
LUA A047	E54	2	4.22	52	7	50	22	2.16	<15	1.80	29	26	1.08	339	<4
LUA A048	550	1	1.93	66	6	50	21	2.45	<15	1.55	41	28	0.67	341	<4
LUA A049	E70	1	1.95	60	6	49	21	2.45	<15	1.75	37	30	0.67	326	<4
LUA A050	220	<1	16.85	13	<4	27	25	0.58	<15	0.69	5	16	0.54	153	<4
LUA A051	596	2	2.05	59	8	51	25	2.15	<15	1.87	32	32	0.82	621	<4
LUA A052	762	2	5.40	52	5	25	16	2.06	<15	1.96	28	26	0.79	484	<4
LUA A053	E04	1	11.59	44	<4	19	12	1.66	<15	1.10	25	33	1.62	212	<4
LUA A054	E76	2	6.20	54	6	28	16	2.47	<15	1.40	27	32	2.07	451	<4
LUA A055	E01	2	3.34	66	6	27	17	2.63	<15	2.21	36	35	0.96	555	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUA0001	1.52	17	14	412	28	7	381	13	3685	86	15	65	87
LUA0002	1.52	11	12	320	21	6	382	10	3004	71	13	62	70
LUA0003	1.41	14	14	404	25	6	347	9	2813	71	14	63	75
LUA0004	0.80	14	31	610	18	8	292	13	3520	109	19	70	112
LUA0005	1.34	15	15	341	18	7	406	13	4080	110	14	56	85
LUA0006	1.75	15	14	312	19	5	410	19	3249	72	14	56	70
LUA0007	1.54	15	9	324	18	5	409	23	2872	66	14	54	68
LUA0008	1.62	14	8	398	25	5	335	18	2403	58	15	56	64
LUA0009	1.13	15	12	539	11	5	320	10	3077	84	14	64	64
LUA0010	1.25	16	16	375	12	8	431	9	4478	110	14	67	89
LUA0011	1.27	13	12	473	22	6	359	10	3082	86	14	67	80
LUA0012	1.37	14	12	408	21	6	413	13	3307	85	13	57	74
LUA0013	1.48	12	11	389	10	5	403	10	2780	71	14	54	74
LUA0014	1.14	11	15	872	16	4	327	9	2378	71	13	76	67
LUA0015	1.28	13	13	505	16	5	343	14	2679	71	13	61	67
LUA0016	1.36	13	11	583	18	6	345	15	2809	68	15	67	78
LUA0017	0.91	14	16	839	14	5	306	7	3318	83	14	62	66
LUA0018	1.18	13	18	466	27	5	351	12	2566	70	14	63	64
LUA0019	1.04	17	21	364	14	7	331	10	5374	121	15	60	87
LUA0020	0.82	13	35	673	16	10	299	5	3975	123	15	62	95
LUA0021	1.27	16	21	482	16	7	363	12	3344	94	15	75	77
LUA0022	1.16	15	25	691	23	7	356	13	3047	93	16	80	69
LUA0023	0.81	15	16	383	15	5	307	9	2297	69	11	56	54
LUA0024	1.21	13	11	343	16	5	325	8	2374	54	11	54	58
LUA0025	1.42	13	11	303	16	6	336	2	3275	72	13	63	81
LUA0026	1.19	12	14	458	16	5	329	5	2211	60	14	56	66
LUA0027	1.18	12	28	597	20	6	293	9	2799	109	15	51	64
LUA0028	0.82	14	44	638	18	8	223	7	3318	170	12	130	78
LUA0029	0.91	14	35	537	19	8	272	13	3345	131	18	106	86
LUA0030	1.58	13	11	473	21	6	408	18	2732	68	15	55	87
LUA0031	1.15	16	30	656	16	8	326	13	3671	120	19	66	81
LUA0032	1.57	19	13	421	24	6	418	25	5285	112	15	71	81
LUA0033	1.29	15	12	524	16	7	362	12	3658	85	16	71	95
LUA0034	1.52	15	10	487	16	6	405	14	3000	68	14	56	84
LUA0035	1.76	14	9	383	27	7	375	14	2910	79	15	56	71
LUA0036	1.72	13	10	427	17	7	422	8	3308	84	14	64	90
LUA0037	1.54	15	13	431	23	7	417	17	3997	95	15	65	96
LUA0038	1.21	16	15	599	30	8	311	17	3245	84	17	75	105
LUA0039	1.25	13	20	693	16	6	315	11	2888	79	16	76	82
LUA0040	1.28	16	14	611	24	7	322	13	3266	85	15	74	82
LUA0041	1.69	13	9	446	17	6	486	10	2978	66	15	53	69
LUA0042	1.04	13	15	535	21	7	365	9	3352	83	15	61	73
LUA0043	1.35	16	11	428	19	6	434	15	4063	91	16	62	65
LUA0044	1.06	15	29	707	23	7	333	12	3275	121	18	106	83
LUA0045	2.32	42	22	982	26	14	757	23	13017	293	32	174	134
LUA0046	1.01	13	18	653	16	5	311	11	2189	92	18	61	55
LUA0047	0.97	12	31	616	17	6	290	6	2436	105	16	55	68
LUA0048	0.80	12	30	566	12	6	259	10	3382	133	15	91	78
LUA0049	0.87	11	28	554	11	6	260	9	3319	134	15	50	73
LUA0050	0.05	12	12	220	<10	2	94	<2	1101	38	7	31	62
LUA0051	1.00	12	30	635	17	6	285	12	2630	116	17	50	78
LUA0052	1.18	13	11	662	26	6	335	11	2559	66	12	61	73
LUA0053	0.72	14	13	391	<10	4	454	8	2180	64	12	44	62
LUA0054	1.03	15	11	464	17	6	331	5	3080	94	12	62	74
LUA0055	1.37	14	17	510	15	6	338	6	3534	92	15	71	92

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-SP	CDER	CON1	CON2	CON3	FORM
LUA0056	38.960	115.953	06	60980				3	1	1	2			8	QTRN
LUA0057	38.923	115.951	06	60980				3	1	1	2			8	QTRN
LUA0001	38.791	115.529	06	51180				3	1	1	2			8	QTAL
LUA0002	38.825	115.515	06	51180				3	1	1	2			8	QTAL
LUA0003	38.825	115.567	07	51180				3	1	1	2			8	QTAL
LUA0004	38.807	115.542	07	51180				3	1	1	2			8	QTAL
LUA0005	38.853	115.590	06	51180				3	1	1	2			8	QTAL
LUA0006	38.856	115.559	06	51180				3	1	1	2			8	QTAL
LUA0007	38.844	115.537	06	51180				3	1	1	2			8	QTAL
LUA0008	38.863	115.520	06	51180				3	1	1	2			8	QTAL
LUA0009	38.888	115.597	06	51180				3	1	1	2			8	QTAL
LUA0010	38.895	115.554	06	51180				3	1	1	2			8	QTAL
LUA0011	38.889	115.505	06	51180				3	1	1	2			8	QTAL
LUA0012	38.874	115.548	07	51180				3	1	1	2			2	QTAL
LUA0013	38.523	115.572	06	51180				3	1	1	2			2	QTAL
LUA0014	38.530	115.517	06	51180				3	1	1	2			2	QTAL
LUA0015	38.916	115.531	06	51180				3	1	1	2			2	QTAL
LUA0016	38.951	115.512	06	51180				3	1	1	2			2	QTAL
LUA0017	38.547	115.535	06	51180				3	1	1	2			2	QTAL
LUA0018	38.957	115.560	06	51180				3	1	1	2			2	QTAL
LUA0019	38.574	115.546	06	51180				3	1	1	2			2	QTAL
LUA0020	38.987	115.521	06	51180				3	1	1	2			2	QTAL
LUA0021	38.991	115.548	06	51180				3	1	1	2			2	QTAL
LUA0022	38.978	115.584	06	51180				3	1	1	2			2	QTAL
LUA0023	38.957	115.601	07	51180				3	1	1	2			2	QTAL
LUA0024	38.994	115.605	06	51180				3	1	1	2			2	QTAL
LUA0025	38.984	115.646	06	51180				3	1	1	2			2	QTAL
LUA0026	38.971	115.620	06	51180				3	1	1	2			2	QTAL
LUA0027	38.952	115.641	06	51180				3	1	1	2			2	QTAL
LUA0028	38.938	115.625	06	51180				3	1	1	2			2	QTAL
LUA0029	38.924	115.601	06	51180				3	1	1	2			2	QTAL
LUA0030	38.903	115.632	06	51180				3	1	1	2			2	QTAL
LUA0031	38.879	115.655	06	51180				3	1	1	2			2	QTAL
LUA0032	38.871	115.626	06	51180				3	1	1	2			2	QTAL
LUA0033	38.846	115.619	06	51180				3	1	1	2			2	QTAL
LUA0034	38.764	115.523	06	51280				3	1	1	2			2	QTAL
LUA0035	38.777	115.557	06	51280				3	1	1	2			2	QTAL
LUA0036	38.757	115.565	06	51280				3	1	1	2			2	QTAL
LUA0037	38.764	115.604	06	51180				3	1	1	2			2	QTAL
LUA0038	38.799	115.575	06	51280				3	1	1	2			2	QTAL
LUA0039	38.820	115.600	06	51280				3	1	1	2			2	QTAL
LUA0040	38.793	115.601	06	51280				3	1	1	2			2	QTAL
LUA0041	38.766	115.648	06	51280				3	1	1	2			2	QTAL
LUA0042	38.759	115.691	06	51280				3	1	1	2			2	QTAL
LUA0043	38.760	115.728	06	51280				3	1	1	2			2	QTAL
LUA0044	38.776	115.721	06	51280				3	1	1	2			2	QTAL
LUA0045	38.790	115.732	06	51280				3	1	1	2			2	QTAL
LUA0046	38.788	115.680	06	51280				3	1	1	2			2	QTAL
LUA0047	38.799	115.638	06	51280				3	1	1	2			2	QTAL
LUA0048	38.811	115.659	06	51280				3	1	1	2			2	QTAL
LUA0049	38.825	115.627	06	51280				3	1	1	2			2	QTAL
LUA0050	38.820	115.700	06	51280				3	1	1	2			2	QTAL
LUA0051	38.846	115.662	06	51280				3	1	1	2			2	QTAL
LUA0052	38.842	115.717	06	51280				3	1	1	2			2	QTAL
LUA0053	38.857	115.732	06	51280				3	1	1	2			2	QTAL

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUA0056	10		70.00	10	1	1	1	3	2	NJ1106	2.26	<2	6.90	25
LUA0057	10		50.00	10	1	1	1	3	2	NJ1106	2.63	<2	7.04	26
LUA0001	10		21.00	10	1	1	2	3	1	NJ1106	2.66	<2	5.46	24
LUA0002	10		28.00	10	1	1	2	3	1	NJ1106	3.27	<2	6.53	26
LUA0003	10		31.00	10	1	1	2	3	1	NJ1106	2.49	<2	5.92	18
LUA0004	10		28.00	10	1	1	2	3	1	NJ1106	2.25	<2	5.77	37
LUA0005	10		24.00	10	1	1	2	3	1	NJ1106	2.14	<2	5.40	30
LUA0006	10		21.00	10	1	1	2	3	1	NJ1106	3.14	<2	5.26	11
LUA0007	10		36.00	10	1	1	2	3	1	NJ1106	2.54	<2	6.17	45
LUA0008	10		29.00	10	1	1	2	3	1	NJ1106	2.71	<2	6.01	44
LUA0009	10		21.00	10	1	1	2	3	1	NJ1106	2.41	<2	5.85	38
LUA0010	10		26.00	10	1	1	2	3	1	NJ1106	0.26	<2	<0.05	<10
LUA0011	10		20.00	10	1	1	2	3	1	NJ1106	2.52	<2	5.49	26
LUA0012	10		19.00	10	1	1	2	3	1	NJ1106	2.29	<2	5.33	34
LUA0013	10		21.00	10	1	1	2	3	1	NJ1106	2.88	<2	5.53	25
LUA0014	10		19.00	10	1	1	2	3	1	NJ1106	1.67	<2	4.14	17
LUA0015	10		22.00	10	1	1	2	3	1	NJ1106	2.26	<2	4.71	26
LUA0016	10		29.00	10	1	1	2	3	1	NJ1106	2.51	<2	5.57	21
LUA0017	10		25.00	10	1	1	2	3	1	NJ1106	2.43	<2	5.50	44
LUA0018	10		20.00	10	1	1	2	3	1	NJ1106	2.60	<2	6.20	48
LUA0019	10		30.00	10	1	1	2	3	1	NJ1106	2.59	<2	6.67	35
LUA0020	10		39.00	10	1	1	2	3	1	NJ1106	2.49	<2	4.85	27
LUA0021	10		31.00	10	1	1	2	3	1	NJ1106	2.67	<2	6.12	27
LUA0022	10		29.00	10	1	1	2	3	1	NJ1106	2.28	<2	6.05	24
LUA0023	10		38.00	10	1	1	2	3	1	NJ1106	2.17	<2	6.19	22
LUA0024	10		36.00	10	1	1	2	3	1	NJ1106	2.51	<2	6.66	23
LUA0025	10		45.00	10	1	1	2	3	1	NJ1106	3.04	<2	6.88	26
LUA0026	10		30.00	10	1	1	2	3	1	NJ1106	3.14	<2	6.47	29
LUA0027	10		39.00	10	1	1	2	3	1	NJ1106	2.72	<2	6.86	23
LUA0028	10		70.00	10	1	1	2	3	1	NJ1106	2.17	<2	6.34	11
LUA0029	10		38.00	10	1	1	2	3	1	NJ1106	0.79	<2	6.43	16
LUA0030	10		35.00	10	1	1	2	3	1	NJ1106	2.42	<2	6.70	25
LUA0031	10		41.00	10	1	1	2	3	1	NJ1106	2.50	<2	6.66	36
LUA0032	10		31.00	10	1	1	2	3	1	NJ1106	2.42	<2	6.14	39
LUA0033	10		34.00	10	1	1	2	3	1	NJ1106	2.46	<2	6.10	40
LUA0034	10		41.00	10	1	1	2	3	1	NJ1106	2.52	<2	5.86	45
LUA0035	10		35.00	10	1	1	2	3	1	NJ1106	2.27	<2	5.98	41
LUA0036	10		25.00	10	1	1	2	3	1	NJ1106	2.42	<2	5.45	17
LUA0037	10		29.00	10	1	1	2	3	1	NJ1106	2.08	<2	5.44	15
LUA0038	10		25.00	10	1	1	2	3	1	NJ1106	2.26	<2	5.21	11
LUA0039	10		31.00	10	1	1	2	3	1	NJ1106	1.69	<2	5.28	15
LUA0040	10		32.00	10	1	1	2	3	1	NJ1106	1.86	<2	5.00	43
LUA0041	10		41.00	10	1	1	2	3	1	NJ1106	2.47	<2	7.04	23
LUA0042	10		15.00	10	1	1	2	3	1	NJ1106	3.63	<2	6.05	27
LUA0043	10		48.00	10	1	1	2	3	1	NJ1106	2.66	<2	7.21	26
LUA0044	10		49.00	10	1	1	2	3	1	NJ1106	3.38	<2	6.61	<10
LUA0045	10		45.00	10	1	1	2	3	1	NJ1106	3.10	<2	7.39	16
LUA0046	10		30.00	10	1	1	2	3	1	NJ1106	2.38	<2	6.44	14
LUA0047	10		29.00	10	1	1	2	3	1	NJ1106	2.26	<2	6.77	18
LUA0048	10		24.00	10	1	1	2	3	1	NJ1106	2.06	<2	6.53	15
LUA0049	10		39.00	10	1	1	2	3	1	NJ1106	2.66	<2	6.51	17
LUA0050	10		41.00	10	1	1	2	3	1	NJ1106	2.61	<2	7.12	32
LUA0051	10		39.00	10	1	1	2	3	1	NJ1106	2.43	<2	7.05	28
LUA0052	10		34.00	10	1	1	2	3	1	NJ1106	3.76	<2	7.49	20
LUA0053	10		31.00	10	1	1	2	3	1	NJ1106	2.59	<2	6.84	21

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	NG	MN	MC
LUA0056	785	2	3.26	58	6	22	12	2.02	<15	2.06	30	31	0.97	601	<4
LUA0057	797	2	1.99	153	8	26	10	4.49	<15	2.13	89	32	0.60	751	<4
LUA0001	609	2	6.84	49	4	21	9	1.54	<15	1.82	27	38	1.85	430	<4
LUA0002	755	2	5.73	77	6	38	10	2.56	<15	1.90	45	38	1.45	524	<4
LUA0003	598	2	6.49	51	<4	19	8	1.40	<15	1.75	30	34	1.19	495	<4
LUA0004	569	2	7.32	66	5	23	11	1.68	<15	1.88	37	35	1.33	516	<4
LUA0005	572	2	7.46	62	5	20	10	1.49	<15	1.71	33	34	1.30	495	<4
LUA0006	557	2	7.98	77	6	25	9	1.78	<15	1.58	42	30	1.32	517	<4
LUA0007	623	2	5.20	64	5	23	12	1.80	<15	2.04	34	43	1.27	578	<4
LUA0008	613	2	6.36	61	5	27	13	1.99	<15	1.57	33	45	1.25	446	<4
LUA0009	646	2	6.20	60	4	24	12	1.75	<15	1.97	33	42	1.39	434	<4
LUA0010	<2	<1	<0.05	<10	<4	<1	<2	<0.05	<15	<0.02	<2	<1	<0.05	<4	<4
LUA0011	574	2	7.28	55	5	23	12	1.72	<15	1.75	30	40	1.68	453	<4
LUA0012	520	2	7.59	54	6	25	15	1.81	<15	1.81	27	50	1.83	410	<4
LUA0013	637	2	6.11	60	5	23	10	1.75	<15	1.63	32	35	1.94	468	<4
LUA0014	444	1	11.37	37	4	17	8	1.31	<15	1.26	18	25	3.01	374	<4
LUA0015	478	1	10.06	36	5	21	11	1.65	<15	1.46	20	36	2.60	450	<4
LUA0016	553	2	5.88	64	6	34	12	2.18	<15	1.54	34	41	1.77	460	<4
LUA0017	558	1	6.35	51	4	25	11	1.93	<15	1.66	27	35	2.01	460	<4
LUA0018	682	2	4.58	56	6	25	13	2.05	<15	1.92	31	45	1.70	555	<4
LUA0019	751	2	3.61	67	6	25	12	2.06	<15	2.09	35	42	1.31	511	<4
LUA0020	507	1	7.95	75	5	28	8	1.94	<15	1.22	41	25	2.01	459	<4
LUA0021	672	2	4.90	57	6	27	13	2.12	<15	1.77	31	41	1.34	479	<4
LUA0022	701	1	4.48	60	5	24	9	1.93	<15	1.69	33	32	1.24	424	<4
LUA0023	678	2	4.65	63	6	28	12	2.17	<15	1.92	34	38	1.34	413	<4
LUA0024	742	2	3.29	60	8	56	10	2.65	<15	1.74	33	31	1.15	586	<4
LUA0025	733	2	2.88	71	7	37	9	2.44	<15	1.82	38	31	1.06	506	<4
LUA0026	736	2	4.07	69	8	37	11	2.50	<15	1.84	36	40	1.29	538	<4
LUA0027	805	2	3.15	76	10	44	10	3.09	<15	1.71	40	32	1.25	680	<4
LUA0028	746	1	3.62	92	10	59	7	3.11	15	1.49	51	25	1.26	660	<4
LUA0029	750	1	3.41	90	10	53	8	3.03	<15	1.54	46	27	1.21	638	<4
LUA0030	798	2	3.33	62	6	35	9	2.34	<15	1.76	36	30	1.08	537	<4
LUA0031	776	1	4.39	80	7	38	10	3.45	<15	1.73	46	41	1.12	545	<4
LUA0032	720	2	4.28	52	6	27	11	1.92	<15	1.97	29	35	1.25	618	<4
LUA0033	662	2	4.99	59	7	45	14	2.36	<15	1.52	33	40	1.27	483	<4
LUA0034	737	1	5.98	73	4	24	7	1.75	<15	1.71	40	46	1.60	319	<4
LUA0035	768	2	5.24	70	5	21	10	1.79	<15	1.86	37	38	1.50	410	<4
LUA0036	637	1	7.44	55	5	21	9	1.59	<15	1.67	29	38	1.95	393	<4
LUA0037	655	1	7.00	53	<4	19	7	1.48	<15	1.58	31	33	1.90	327	<4
LUA0038	623	1	8.11	55	4	21	7	1.52	<15	1.48	30	30	2.02	368	<4
LUA0039	616	1	8.59	62	5	22	8	1.63	<15	1.54	35	35	1.83	415	<4
LUA0040	560	1	9.23	52	6	24	10	1.68	<15	1.41	26	40	1.68	634	<4
LUA0041	773	2	3.06	67	5	24	8	2.03	<15	2.12	38	35	1.22	516	<4
LUA0042	700	2	6.48	50	4	21	11	1.89	<15	1.85	27	41	1.14	438	<4
LUA0043	815	2	1.90	68	5	15	9	2.01	<15	2.03	36	25	0.60	539	<4
LUA0044	760	2	1.74	75	5	17	12	1.89	19	1.86	38	31	0.67	512	<4
LUA0045	641	2	1.53	77	<4	11	10	1.50	<15	2.61	41	27	0.45	388	<4
LUA0046	750	2	2.82	85	10	72	11	2.81	<15	1.61	46	31	1.39	629	<4
LUA0047	788	2	3.00	69	9	64	14	2.56	19	1.86	40	41	1.52	624	<4
LUA0048	740	1	3.59	79	16	144	14	4.06	16	1.56	43	30	1.91	839	<4
LUA0049	779	2	4.07	71	6	33	13	2.36	<15	1.91	40	41	1.15	538	<4
LUA0050	810	2	2.40	79	5	23	13	2.27	27	2.22	42	44	0.91	545	<4
LUA0051	774	2	2.43	72	6	26	12	2.50	21	2.28	35	41	0.97	654	<4
LUA0052	668	2	2.15	84	7	26	9	2.80	<15	2.07	43	36	0.84	627	<4
LUA0053	752	2	2.05	85	11	46	10	4.39	<15	1.90	47	33	0.96	732	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUAA056	1.39	12	13	638	23	5	369	9	2587	67	14	62	81
LUAA057	1.46	18	10	377	17	8	397	20	6359	162	15	111	73
LUAB031	1.06	14	9	561	15	4	390	8	1982	47	12	45	55
LUAB032	1.30	19	8	599	17	7	522	9	4614	100	14	55	75
LUAB033	1.20	12	11	787	19	4	476	10	1692	28	12	44	43
LUAB034	1.08	15	11	700	16	5	462	11	2094	49	14	45	46
LUAB035	1.10	14	11	632	22	4	490	10	1842	43	13	42	44
LUAB046	1.02	16	12	498	13	5	502	9	2451	95	14	42	44
LUAB047	1.17	15	12	695	22	5	449	9	2140	52	14	55	53
LUAB048	1.00	14	14	706	19	6	370	9	2497	64	14	55	65
LUAB049	1.23	13	12	430	9	5	420	8	2270	55	12	45	57
LUAR010	<0.05	<4	2	<5	<10	<1	<1	<2	<10	<2	<1	2	<2
LUAB011	1.03	13	13	546	5	5	398	7	2097	50	12	52	52
LUAB012	0.95	15	11	431	13	5	404	10	2173	55	12	52	56
LUAB013	1.06	13	13	592	21	5	338	16	2021	50	12	55	53
LUAB014	0.70	12	10	479	<10	4	239	11	1398	36	10	42	40
LUAB015	0.78	14	14	691	<10	4	253	8	1719	45	11	55	46
LUAB016	0.85	13	19	773	12	6	281	10	2245	65	14	77	61
LUAB017	1.01	11	15	641	<10	5	311	6	2208	55	12	74	56
LUAB018	1.17	13	16	697	16	5	333	8	2270	55	12	70	61
LUAB019	1.35	14	12	657	<10	5	374	13	2426	53	12	66	63
LUAB020	0.78	15	16	653	<10	5	319	8	2873	65	12	65	53
LUAB021	1.09	13	14	603	<10	5	354	11	2390	61	12	74	63
LUAB022	1.16	12	12	490	11	5	389	11	2511	57	12	58	59
LUAB023	1.16	13	14	615	13	5	367	8	2741	64	13	65	64
LUAB024	1.26	12	13	662	<10	7	412	8	3127	83	14	72	80
LUAB025	1.24	14	12	531	14	6	432	10	3085	75	15	68	84
LUAB026	1.26	14	16	627	16	7	433	14	3050	75	14	70	86
LUAB027	1.23	15	14	615	14	8	440	13	3959	97	15	73	90
LUAB028	1.25	15	16	534	18	8	454	19	4403	109	14	71	68
LUAB029	1.28	16	13	590	21	8	457	14	4425	103	14	75	72
LUAB030	1.36	11	12	639	14	6	452	6	2869	75	12	67	70
LUAB031	1.71	19	12	675	11	7	534	12	6106	141	14	81	89
LUAB032	1.32	12	12	845	13	5	350	15	2208	58	12	74	59
LUAB033	0.84	11	23	789	25	6	334	14	2613	80	15	111	72
LUAB034	1.06	11	12	350	<10	5	421	10	2082	51	12	52	51
LUAB035	1.10	12	11	496	13	5	385	15	2179	50	14	60	54
LUAB035	1.07	13	11	514	<10	4	373	7	1802	44	11	61	47
LUAB037	1.10	11	8	406	10	4	415	4	1817	41	10	45	45
LUAB038	1.02	13	8	461	15	4	397	10	1945	45	11	44	43
LUAB039	1.01	15	9	542	15	4	433	7	2002	47	12	47	43
LUAB040	0.76	13	15	547	13	5	457	13	1779	50	12	52	46
LUAB041	1.62	13	11	602	13	5	424	17	2606	60	14	60	61
LUAB042	1.28	14	12	445	<10	5	378	4	2228	52	11	61	55
LUAB043	1.58	11	9	501	15	5	398	11	2434	51	15	67	59
LUAB044	1.47	14	26	522	31	5	359	18	2409	45	17	175	65
LUAB045	1.90	15	6	304	15	4	321	15	1920	32	20	52	61
LUAB046	1.36	14	30	459	22	9	413	17	3462	75	15	168	74
LUAB047	1.57	13	30	553	21	8	422	8	3141	72	15	164	75
LUAB048	1.43	17	17	567	20	14	447	11	5849	151	17	76	98
LUAB049	1.55	15	26	548	21	6	470	13	3650	71	14	156	70
LUAB050	1.77	14	10	482	25	6	424	13	3225	62	14	66	64
LUAB051	1.81	17	12	652	15	6	438	13	3907	74	15	72	61
LUAB052	1.76	18	10	636	22	7	428	15	4417	83	18	100	60
LUAB053	1.61	24	12	494	17	9	433	10	8194	160	17	102	75

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	ODCR	CON1	CON2	CON3	FORM
LUAB054	38.883	115.719	06	51280				3	1	1	2			2	QTAL
LUAB055	38.861	115.690	06	51280				3	1	1	2			2	QTAL
LUAB056	38.914	115.734	06	51280				3	1	1	2			2	QTAL
LUAB057	38.936	115.730	06	51280				3	1	1	2			2	QTAL
LUAB058	38.955	115.727	07	51280				3	1	1	2			2	QTAL
LUAB059	38.978	115.725	06	51280				3	1	1	2			2	QTAL
LUAB060	38.976	115.685	06	51280				3	1	1	2			2	QTAL
LUAB061	38.944	115.685	06	51280				1	1	1	2			2	QTAL
LUAB062	38.925	115.679	06	51280				3	1	1	2			2	QTAL
LUAB063	38.908	115.691	06	51280				3	1	1	2			2	QTAL
LUAB064	38.912	115.661	06	51280				3	1	1	2			2	QTAL
LUAB065	38.890	115.676	06	51280				3	1	1	2			2	QTAL
LUAB066	38.990	115.514	07	51180				3	1	1	2			2	QTAL
LUAC001	38.987	115.493	06	60380				2	1	1	2			8	QTRN
LUAC002	38.968	115.470	06	60380				2	1	1	2			8	QTRN
LUAC003	38.937	115.277	06	60480				3	1	1	2			8	QTRN
LUAC004	38.961	115.265	06	60480				3	1	1	2			8	QTRN
LUAC005	38.965	115.307	06	60480				3	1	1	2			8	QTRN
LUAC006	38.941	115.308	06	60480				3	1	1	2			8	QTRN
LUAC007	38.954	115.353	06	60480				3	1	1	2			8	QTRN
LUAC008	38.935	115.368	06	60480				3	1	1	2			8	QTRN
LUAC009	38.922	115.378	06	60480				3	1	1	2			8	QTRN
LUAC010	38.899	115.372	06	60480				3	1	1	2			8	QTRN
LUAC011	38.867	115.375	06	60480				2	1	1	2			8	QTRN
LUAC012	38.856	115.341	06	60480				3	1	1	2			8	QTRN
LUAC013	38.820	115.335	06	60480				3	1	1	2			8	QTRN
LUAC014	38.817	115.305	06	60480				3	1	1	2			8	QTRN
LUAC015	38.804	115.380	06	60480				3	1	1	2		5	8	QTRN
LUAC016	38.785	115.407	06	60480				3	1	1	2			8	QTRN
LUAC017	38.789	115.435	06	60580				3	1	1	2			8	QTRN
LUAC018	38.799	115.418	06	60580				3	1	1	2			8	QTRN
LUAC019	38.811	115.398	06	60580				2	1	1	2			8	QTRN
LUAC020	38.849	115.369	06	60580				2	1	1	2			8	QTRN
LUAC021	38.821	115.367	01	60580				1	1	1	2			5	MSSS
LUAC022	38.804	115.327	06	60580				3	1	1	2			8	QTRN
LUAC023	38.801	115.276	06	60580				3	1	1	2			8	QTRN
LUAC024	38.781	115.272	06	60580				3	1	1	2			8	QTRN
LUAC025	38.761	115.272	06	60580				2	1	1	2			8	QTRN
LUAC026	38.852	115.314	01	60580				1	1	1	2			5	TRTR
LUAC027	38.849	115.311	06	60580				2	1	1	2		8	5	QTRN
LUAC028	38.842	115.290	06	60580				3	1	1	2		5	8	QTRN
LUAC029	38.847	115.267	06	60580				3	1	1	2			8	QTRN
LUAC030	38.754	115.429	06	60680				3	1	1	2			8	QTRN
LUAC031	38.767	115.422	06	60680				3	1	1	2			8	QTRN
LUAC032	38.754	115.406	06	60680				3	1	1	2			8	QTRN
LUAC033	38.752	115.329	06	60680				3	1	1	2			8	QTRN
LUAC034	38.829	115.266	06	60680				2	1	1	2			8	QTRN
LUAC035	38.910	115.258	06	60680				3	1	1	2			8	QTRN
LUAC036	38.885	115.312	06	60680				3	1	1	2			8	QTRN
LUAC037	38.888	115.479	06	60980				2	1	1	2			8	QTRN
LUAC038	38.897	115.290	06	60680				3	1	1	2			8	QTRN
LUAC040	38.916	115.297	01	60680				1	1	1	2			5	TRTR
LUAC041	38.990	115.428	06	60780				4	1	1	2			8	QTRN
LUAC042	38.994	115.385	06	60780				3	1	1	2			8	QTRN
LUAC043	38.973	115.391	06	60780				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	IVEG	OVEG	MAP	U-FL	AG	AL	B
LUA0054	10		30.00	10	1	1	2	3	1	NJ1106	3.10	<2	6.56	27
LUA0055	10		21.00	10	1	1	2	3	1	NJ1106	3.01	<2	6.77	23
LUA0056	10		30.00	10	1	1	2	3	1	NJ1106	2.85	<2	5.15	23
LUA0057	10		30.00	10	1	1	2	3	1	NJ1106	2.86	<2	6.36	23
LUA0058	10		39.00	10	1	1	2	3	1	NJ1106	3.12	<2	6.78	22
LUA0059	10		35.00	10	1	1	2	3	1	NJ1106	3.60	<2	7.73	<10
LUA0060	10		40.00	10	1	1	2	3	1	NJ1106	4.23	<2	5.89	49
LUA0061	10		71.00	10	1	1	2	3	1	NJ1106	2.80	<2	6.45	29
LUA0062	10		41.00	10	1	1	2	3	1	NJ1106	2.02	<2	6.79	27
LUA0063	10		29.00	10	1	1	2	3	1	NJ1106	1.50	<2	6.21	18
LUA0064	10		38.00	10	1	1	2	3	1	NJ1106	1.55	<2	6.93	26
LUA0065	10		21.00	10	1	1	2	3	1	NJ1106	2.60	<2	6.54	22
LUA0066	10		32.00	10	1	1	2	3	1	NJ1106	3.71	<2	3.03	15
LUA0001	10		50.00	10	1	1	2	2	2	NJ1106	3.00	<2	4.86	49
LUA0002	10		75.00	10	1	1	2	2	1	NJ1106	2.59	<2	4.80	55
LUA0003	10		50.00	10	1	1	2	2	2	NJ1106	3.23	<2	6.82	20
LUA0004	10		55.00	10	1	1	2	4	1	NJ1106	2.82	<2	6.48	28
LUA0005	10		60.00	10	1	1	2	2	2	NJ1106	2.79	<2	6.71	19
LUA0006	10		55.00	10	1	1	2	2	2	NJ1106	2.60	<2	7.31	18
LUA0007	10		50.00	10	1	1	2	2	2	NJ1106	2.69	<2	6.96	18
LUA0008	10		50.00	10	1	1	2	2	2	NJ1106	3.56	<2	6.99	28
LUA0009	10		60.00	10	1	1	3	2	2	NJ1106	4.06	<2	8.62	28
LUA0010	10		59.00	10	1	1	2	2	2	NJ1106	2.85	<2	6.81	29
LUA0011	10		56.00	10	1	1	2	2	2	NJ1106	2.40	<2	3.69	17
LUA0012	10		65.00	10	1	1	2	2	2	NJ1106	2.67	<2	6.81	20
LUA0013	10		55.00	10	1	1	1	2	2	NJ1106	2.43	<2	6.71	17
LUA0014	10		40.00	10	1	1	2	2	2	NJ1106	1.65	<2	6.74	16
LUA0015	10		40.00	10	1	1	2	2	1	NJ1106	3.01	<2	3.92	16
LUA0016	10		60.00	10	1	1	2	2	2	NJ1106	2.47	<2	6.53	28
LUA0017	10		75.00	10	1	1	1	3	1	NJ1106	1.92	<2	4.17	<10
LUA0018	10		40.00	10	1	1	1	3	1	NJ1106	2.53	<2	5.55	12
LUA0019	10		70.00	10	1	1	2	2	2	NJ1106	2.06	<2	3.89	21
LUA0020	10		40.00	10	1	1	3	2	2	NJ1106	2.65	<2	6.29	15
LUA0021	10		38.00	09	1	1	2	2	2	NJ1106	1.21	<2	1.56	<10
LUA0022	10		30.00	10	1	1	2	2	2	NJ1106	2.09	<2	5.46	11
LUA0023	10		40.00	10	1	1	1	2	2	NJ1106	2.67	<2	6.36	22
LUA0024	10		40.00	10	1	1	2	3	2	NJ1106	2.21	<2	6.63	13
LUA0025	10		45.00	10	1	1	2	3	2	NJ1106	2.52	<2	6.05	14
LUA0026	10		70.00	02	1	1	2	2	2	NJ1106	3.24	<2	1.77	65
LUA0027	10		65.00	10	1	1	2	2	2	NJ1106	2.48	<2	7.25	19
LUA0028	10		55.00	10	1	1	1	2	2	NJ1106	2.75	<2	7.20	12
LUA0029	10		60.00	10	1	1	2	2	2	NJ1106	2.48	<2	6.99	17
LUA0030	10		60.00	10	1	1	2	2	2	NJ1106	2.93	<2	6.70	23
LUA0031	10		58.00	10	1	1	1	3	1	NJ1106	2.27	<2	4.68	22
LUA0032	10		40.00	10	1	1	1	3	1	NJ1106	2.19	<2	4.11	11
LUA0033	10		50.00	10	1	1	2	2	2	NJ1106	2.32	<2	5.25	27
LUA0034	10		45.00	10	1	1	2	2	2	NJ1106	3.12	2	6.55	22
LUA0035	10		65.00	10	1	1	1	2	2	NJ1106	2.84	<2	7.04	26
LUA0036	10		65.00	10	1	1	2	2	2	NJ1106	3.63	<2	7.15	16
LUA0037	10		30.00	10	1	1	2	2	2	NJ1106	2.51	<2	7.05	32
LUA0038	10		60.00	10	1	1	2	2	2	NJ1106	2.68	<2	6.77	16
LUA0040	10		60.00	02	1	1	3	2	2	NJ1106	1.47	<2	0.31	73
LUA0041	10		79.00	10	1	1	2	3	2	NJ1106	3.30	<2	6.55	58
LUA0042	10		45.00	10	1	1	2	3	1	NJ1106	3.57	<2	5.81	41
LUA0043	10		50.00	10	1	1	2	2	1	NJ1106	3.40	<2	7.15	32

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUAB054	784	2	3.91	59	6	27	11	2.26	<15	1.92	33	35	0.94	517	<4
LUAB055	799	2	2.66	67	7	33	10	2.22	22	1.82	37	36	0.89	535	<4
LUAB056	790	1	4.59	47	<4	26	8	1.32	<15	1.71	30	26	0.61	299	<4
LUAB057	765	2	3.37	58	5	28	8	1.98	<15	1.89	34	31	0.85	452	<4
LUAB058	927	2	1.81	74	5	33	10	2.01	16	1.95	42	26	0.54	413	<4
LUAB059	822	<1	2.20	<10	<4	<1	<2	2.23	<15	2.42	<2	12	0.82	511	<4
LUAB060	1341	2	3.17	63	12	114	25	1.43	<15	1.53	36	32	1.36	631	<4
LUAB061	1258	2	4.44	66	6	26	12	1.99	<15	1.81	26	28	1.14	483	<4
LUAB062	798	2	2.79	74	6	24	9	2.10	19	1.82	40	32	0.88	529	<4
LUAB063	790	1	5.01	70	13	76	7	3.45	18	1.32	40	28	1.54	845	<4
LUAB064	843	2	2.75	76	7	32	11	2.67	15	1.82	40	27	1.06	675	<4
LUAB065	774	2	3.72	66	7	30	8	2.13	<15	1.53	35	26	1.01	468	<4
LUAB066	1228	1	13.94	32	5	12	11	1.40	<15	0.72	14	120	2.56	364	4
LUAC001	344	2	6.54	48	12	57	15	2.70	<15	0.84	27	42	2.07	625	<4
LUAC002	548	2	7.59	44	5	25	14	1.72	<15	1.53	25	50	2.12	655	<4
LUAC003	858	2	2.02	87	8	25	16	2.53	15	1.87	46	26	0.87	502	<4
LUAC004	704	2	4.87	92	11	40	20	4.46	<15	1.47	49	41	1.07	713	<4
LUAC005	756	2	3.55	91	7	24	11	2.65	<15	1.77	48	38	0.84	587	<4
LUAC006	553	2	2.01	94	7	22	12	2.62	<15	2.18	50	24	0.78	575	<4
LUAC007	524	2	1.97	105	5	19	10	2.11	<15	1.93	57	34	0.52	426	<4
LUAC008	819	2	1.79	86	7	24	14	2.61	16	2.01	44	46	0.71	717	<4
LUAC009	891	2	1.88	109	6	23	12	3.12	<15	1.82	56	42	0.67	633	<4
LUAC010	954	2	1.43	86	7	21	15	2.10	<15	2.04	47	41	0.63	609	<4
LUAC011	359	1	9.65	40	4	19	12	1.29	<15	0.91	18	27	3.82	357	<4
LUAC012	870	2	1.71	86	5	21	12	2.13	<15	1.94	48	25	0.64	545	<4
LUAC013	765	2	5.20	67	4	27	12	1.66	<15	1.56	29	33	1.16	360	<4
LUAC014	763	2	2.49	116	10	51	9	3.98	17	1.46	63	27	0.92	747	<4
LUAC015	436	1	11.93	31	5	17	9	1.20	<15	1.05	17	28	3.74	346	<4
LUAC016	755	2	3.86	84	7	33	10	2.65	<15	1.38	42	36	1.36	595	<4
LUAC017	474	1	8.76	46	<4	20	9	1.33	<15	1.25	25	21	2.53	380	<4
LUAC018	619	2	5.29	47	5	24	11	1.80	<15	1.59	25	40	1.84	495	<4
LUAC019	432	1	10.29	42	4	18	10	1.28	<15	1.11	20	25	3.75	382	<4
LUAC020	664	2	3.18	54	7	28	18	2.11	<15	1.81	28	46	1.81	613	<4
LUAC021	7594	1	10.77	<10	<4	21	19	0.76	<15	0.47	<2	38	0.53	103	4
LUAC022	732	2	4.61	47	5	22	13	1.80	<15	1.52	26	28	2.34	533	<4
LUAC023	754	2	2.56	70	6	32	13	2.33	<15	1.68	40	34	0.91	484	<4
LUAC024	749	2	1.59	62	5	29	15	2.20	<15	1.84	25	36	0.81	618	<4
LUAC025	750	2	2.90	77	6	33	12	2.11	<15	1.59	42	21	0.82	524	<4
LUAC026	189	<1	0.98	14	<4	10	5	0.70	<15	0.47	7	88	5.31	140	<4
LUAC027	746	2	1.90	89	6	30	12	2.32	<15	1.96	48	52	1.52	592	<4
LUAC028	1240	2	2.01	108	8	38	8	3.09	<15	2.64	58	25	0.80	519	<4
LUAC029	763	2	1.90	69	7	31	12	2.34	<15	1.90	27	35	0.85	515	<4
LUAC030	713	2	3.17	87	5	21	7	2.40	<15	2.10	47	26	1.11	558	<4
LUAC031	760	2	8.52	81	4	20	11	2.42	18	1.65	46	35	1.97	453	<4
LUAC032	535	1	11.32	41	<4	14	7	1.23	<15	1.18	22	21	2.77	306	<4
LUAC033	602	2	6.22	77	5	23	10	1.82	<15	1.45	42	26	1.58	441	<4
LUAC034	737	2	2.10	90	13	77	12	3.25	<15	1.51	45	30	1.15	764	<4
LUAC035	846	2	1.65	74	6	25	15	2.45	<15	2.12	41	42	0.94	595	<4
LUAC036	861	2	2.19	86	8	28	9	3.09	<15	1.92	48	28	0.66	585	<4
LUAC037	829	2	1.97	87	7	22	15	2.56	<15	2.32	46	41	0.72	586	<4
LUAC038	846	2	3.51	114	9	34	8	4.01	25	1.54	60	26	1.21	695	<4
LUAC040	114	<1	4.17	<10	<4	1	6	0.12	<15	0.05	<2	63	5.26	96	<4
LUAC041	503	2	1.80	57	7	50	19	2.47	<15	1.71	34	58	0.99	505	4
LUAC042	723	2	1.59	78	8	32	17	2.05	<15	1.81	41	37	0.73	530	<4
LUAC043	518	2	1.96	92	5	22	11	2.56	<15	1.93	48	25	0.68	540	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NR	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUAB054	1.59	13	13	549	15	6	416	7	3032	62	14	65	76
LUAB055	1.54	12	14	507	13	6	422	13	2995	65	14	64	74
LUAB056	1.20	9	12	527	17	4	357	7	1786	47	23	50	61
LUAB057	1.45	11	10	604	19	6	423	11	2747	60	14	55	73
LUAB058	1.54	12	14	448	23	5	395	15	2913	65	24	61	66
LUAB059	1.86	<4	<2	76	12	<1	398	<2	3071	<2	1	24	23
LUAB060	0.85	14	44	717	18	10	358	10	5039	159	28	130	79
LUAB061	1.36	14	14	545	23	6	387	11	2926	59	24	71	67
LUAB062	1.42	12	9	469	19	5	433	10	2907	59	15	63	72
LUAB063	1.24	15	13	593	<10	11	447	10	5071	115	26	72	92
LUAB064	1.55	14	12	611	19	7	463	13	4029	81	15	70	83
LUAB065	1.35	13	9	527	17	7	455	15	2947	63	15	57	78
LUAB066	0.30	13	9	566	<10	3	447	5	1371	72	8	40	57
LUAC001	0.40	10	35	721	10	7	173	4	2171	79	15	85	54
LUAC002	0.83	11	13	1223	13	5	353	6	2057	46	12	60	56
LUAC003	1.34	16	15	818	19	6	391	13	4542	76	16	82	98
LUAC004	1.21	26	13	821	21	9	421	5	9670	166	17	111	112
LUAC005	1.38	17	9	1089	13	7	510	8	5509	81	16	76	103
LUAC006	1.54	15	9	1151	24	6	515	10	4556	81	17	77	98
LUAC007	1.58	20	9	924	23	6	476	16	5788	61	15	65	93
LUAC008	1.48	14	9	954	<10	7	422	4	4686	73	18	64	90
LUAC009	1.40	18	11	1015	23	7	459	14	5349	77	20	63	98
LUAC010	1.42	13	11	735	19	6	351	6	3142	54	17	81	72
LUAC011	0.56	12	11	386	16	4	165	9	1482	35	10	51	42
LUAC012	1.53	13	11	639	21	6	404	11	3339	60	15	65	77
LUAC013	1.45	12	11	318	57	5	477	19	2169	46	13	51	59
LUAC014	1.35	21	9	659	19	8	449	19	8097	148	16	54	85
LUAC015	0.71	13	11	349	14	4	240	8	1379	31	9	35	38
LUAC016	1.16	16	11	899	17	7	469	19	4279	77	16	74	84
LUAC017	0.79	12	10	543	15	4	267	13	1670	35	10	44	44
LUAC018	1.01	12	10	557	<10	5	308	6	2137	45	12	62	60
LUAC019	0.65	12	8	444	14	4	204	12	1541	33	10	42	43
LUAC020	1.11	12	15	684	26	6	245	9	2322	52	14	65	61
LUAC021	0.07	4	19	198	<10	2	198	<2	641	36	5	66	13
LUAC022	0.93	11	14	450	24	5	219	7	2057	42	15	70	75
LUAC023	1.07	14	15	579	16	7	322	12	3272	64	17	74	75
LUAC024	1.30	11	14	604	16	6	306	8	2787	59	16	82	66
LUAC025	1.16	14	15	525	14	6	337	11	3033	65	16	77	66
LUAC026	0.34	<4	6	98	<10	2	106	<2	822	35	4	155	42
LUAC027	1.59	14	11	411	25	7	395	14	3209	61	14	71	67
LUAC028	1.69	19	9	1183	22	8	481	12	6630	107	18	76	82
LUAC029	1.47	14	11	488	17	7	370	15	3035	64	15	66	71
LUAC030	1.40	21	8	736	21	5	411	11	4209	77	20	74	76
LUAC031	0.89	21	6	672	14	5	364	3	6024	85	15	55	80
LUAC032	0.71	12	8	367	13	3	286	5	1596	31	11	42	47
LUAC033	1.06	15	11	566	19	5	289	11	2394	48	13	56	58
LUAC034	1.22	17	16	548	21	10	361	14	4990	117	17	75	95
LUAC035	1.44	14	14	795	14	6	345	10	3506	67	16	75	95
LUAC036	1.60	23	11	1113	18	8	478	6	8143	104	17	66	102
LUAC037	1.60	15	19	1059	17	7	430	10	4504	75	16	105	95
LUAC038	1.28	27	9	1146	13	9	525	11	9551	151	17	54	96
LUAC040	0.07	<4	5	49	15	<1	348	<2	122	6	1	14	20
LUAC041	0.89	10	28	998	20	8	263	6	2618	72	18	100	78
LUAC042	0.98	11	173	1182	52	6	263	16	2414	55	17	555	71
LUAC043	1.49	17	9	938	13	7	486	13	5302	72	17	74	101

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUAC044	38.954	115.383	06	60780				2	1	1	2			8	QTRN
LUAC045	38.763	115.493	06	60980				3	1	1	2			8	QTRN
LUAC046	38.776	115.484	06	60980				3	1	1	2			8	QTRN
LUAC047	38.792	115.494	06	60980				3	1	1	2			8	QTRN
LUAC048	38.795	115.462	06	60980				2	1	1	2			8	QTRN
LUAC049	38.811	115.447	06	60980				2	1	1	2			8	QTRN
LUAC050	38.819	115.427	06	60980				3	1	1	2			8	QTRN
LUAC051	38.831	115.493	06	60980				2	1	1	2			8	QTRN
LUAC052	38.841	115.473	06	60980				2	1	1	2			8	QTRN
LUAC053	38.846	115.480	01	60980				1	1	1	2			5	TRTR
LUAC054	38.881	115.446	06	60980				2	1	1	2		8	5	QTRN
LUAC055	38.883	115.448	01	60980				1	1	1	2			5	UNKN
LUAD001	38.989	115.128	06	51180				4	1	1	2			8	QTRN
LUAD002	38.980	115.127	07	51180				4	1	1	2		8	5	TRTR
LUAD003	38.998	115.166	06	51180				4	1	1	2			8	QTRN
LUAD004	38.964	115.153	06	51180				4	1	1	2		6	8	QTRN
LUAD005	38.939	115.133	06	51180				4	1	1	2			8	QTRN
LUAD006	38.938	115.130	08	51190				4	1	1	2		5	8	TRTR
LUAD007	38.938	115.167	06	51180				4	1	1	2			8	QTRN
LUAD008	38.899	115.163	06	51180				4	1	1	2			8	QTRN
LUAD009	38.910	115.165	06	51180				4	1	1	2		5	8	TRTR
LUAD010	38.917	115.139	06	51180				4	1	1	2			8	QTRN
LUAD011	38.860	115.097	06	51180				4	1	1	2			8	QTRN
LUAD012	38.871	115.058	06	51180				4	1	1	2			8	QTRN
LUAD013	38.849	115.061	06	51180				4	1	1	2			8	QTRN
LUAD014	38.837	115.113	06	51180				4	1	1	2			8	QTRN
LUAD015	38.816	115.104	06	51180				4	1	1	2			8	QTRN
LUAD016	38.831	115.077	06	51180				4	1	1	2			8	QTRN
LUAD017	38.878	115.212	06	51280				4	1	1	2			8	QTRN
LUAD018	38.899	115.204	07	51280				4	1	1	2			8	QTRN
LUAD019	38.506	115.204	06	51280				4	1	1	2		8	5	QTRN
LUAD020	38.924	115.190	06	51280				4	1	1	2			8	QTRN
LUAD021	38.924	115.230	06	51280				4	1	1	2			8	QTRN
LUAD022	38.949	115.232	06	51280				4	1	1	2			8	QTRN
LUAD023	38.966	115.205	06	51280				4	1	1	2			8	QTRN
LUAD024	38.984	115.235	06	51280				4	1	1	2			8	QTRN
LUAD025	38.974	115.175	06	51280				4	1	1	2			8	QTRN
LUAD026	38.861	115.226	06	51280				4	1	1	2			8	QTRN
LUAD027	38.842	115.223	06	51280				4	1	1	2			8	QTRN
LUAD028	38.822	115.229	06	51280				4	1	1	2			8	QTRN
LUAD029	38.832	115.193	06	51280				4	1	1	2			8	QTRN
LUAD030	38.856	115.209	06	51280				4	1	1	2			8	QTRN
LUAD031	38.871	115.003	06	51380				4	1	1	2			8	QTRN
LUAD032	38.905	115.008	06	51380				4	1	1	2			8	QTRN
LUAD033	38.959	115.009	06	51380				4	1	1	2			8	QTRN
LUAD034	38.992	115.015	06	51380				4	1	1	2			8	QTRN
LUAD035	38.983	115.041	06	51380				4	1	1	2			8	QTRN
LUAD036	38.949	115.047	06	51380				4	1	1	2			8	QTRN
LUAD037	38.968	115.071	06	51380				4	1	1	2			8	QTRN
LUAD038	38.992	115.090	06	51380				4	1	1	2			8	QTRN
LUAD039	38.973	115.109	06	51380				4	1	1	2			8	QTRN
LUAD040	38.936	115.096	06	51380				4	1	1	2			8	QTRN
LUAD041	38.911	115.105	06	51380				4	1	1	2			8	QTRN
LUAD042	38.892	115.135	06	51380				4	1	1	2			8	QTRN
LUAD043	38.880	115.116	06	51380				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	NAP	U-FL	AG	AL	B
LUAC044	10		50.00	10	1	1	2	2	2	NJ1106	2.62	<2	6.32	30
LUAC045	10		40.00	10	1	1	1	3	1	NJ1106	3.04	<2	5.54	26
LUAC046	10		35.00	10	1	1	1	3	1	NJ1106	3.46	<2	8.43	17
LUAC047	10		45.00	10	1	1	2	3	1	NJ1106	2.77	<2	7.19	23
LUAC048	10		45.00	10	1	1	1	3	1	NJ1106	3.11	<2	6.26	37
LUAC049	10		25.00	10	1	1	1	3	1	NJ1106	2.67	<2	5.90	42
LUAC050	10		30.00	10	1	1	1	3	1	NJ1106	2.12	<2	4.84	40
LUAC051	10		35.00	10	1	1	2	2	2	NJ1106	2.25	<2	4.79	<10
LUAC052	10		35.00	10	1	1	4	2	2	NJ1106	2.43	<2	5.13	45
LUAC053	10		45.00	02	1	1	2	2	2	NJ1106	1.68	<2	4.91	121
LUAC054	10		39.00	10	1	1	4	2	2	NJ1106	1.34	<2	3.72	22
LUAC055	10		35.00	02	1	1	2	2	2	NJ1106	1.58	<2	5.26	21
LUAD001	10		75.00	10	1	1	1	3	2	NJ1106	2.69	<2	6.31	29
LUAD002	10		75.00	07	1	1	1	3	2	NJ1106	3.68	<2	4.89	19
LUAD003	10		50.00	10	1	1	1	2	2	NJ1106	2.54	<2	7.01	30
LUAD004	10		165.00	10	1	1	2	3	2	NJ1106	2.44	<2	6.56	34
LUAD005	10		50.00	10	1	1	2	3	3	NJ1106	2.55	<2	6.09	34
LUAD006	10		60.00	02	1	1	4	3	1	NJ1106	2.25	<2	3.71	19
LUAD007	10		65.00	10	1	1	1	3	3	NJ1106	2.39	<2	7.18	17
LUAD008	10		50.00	10	1	1	1	3	3	NJ1106	2.64	<2	7.20	17
LUAD009	10		50.00	10	1	1	2	2	1	NJ1106	4.51	<2	2.84	32
LUAD010	10		180.00	10	1	1	3	3	3	NJ1106	2.93	<2	6.18	17
LUAD011	10		45.00	10	1	1	1	3	3	NJ1106	2.27	<2	6.15	24
LUAD012	10		80.00	10	1	1	1	3	3	NJ1106	2.52	<2	6.91	23
LUAD013	10		40.00	10	1	1	1	3	3	NJ1106	2.72	<2	7.12	29
LUAD014	10		40.00	10	1	1	1	3	3	NJ1106	2.71	<2	6.18	27
LUAD015	10		65.00	10	1	1	1	3	3	NJ1106	3.29	<2	5.99	21
LUAD016	10		60.00	10	1	1	1	3	3	NJ1106	2.84	<2	6.56	39
LUAD017	10		60.00	10	1	1	1	3	3	NJ1106	3.18	<2	5.88	27
LUAD018	10		90.00	02	1	1	1	3	1	NJ1106	2.72	<2	6.48	30
LUAD019	10		60.00	10	1	1	1	3	3	NJ1106	2.80	<2	6.98	18
LUAD020	10		65.00	10	1	1	2	3	3	NJ1106	2.63	<2	6.40	21
LUAD021	10		60.00	10	1	1	1	3	3	NJ1106	3.65	<2	6.28	27
LUAD022	10		60.00	10	1	1	1	3	3	NJ1106	2.57	<2	7.03	30
LUAD023	10		70.00	10	1	1	1	3	2	NJ1106	2.53	<2	7.08	39
LUAD024	10		75.00	10	1	1	3	3	2	NJ1106	2.51	<2	7.29	26
LUAD025	10		75.00	10	1	1	1	3	3	NJ1106	2.54	<2	7.17	28
LUAD026	10		60.00	10	1	1	1	3	3	NJ1106	2.44	<2	7.01	13
LUAD027	10		60.00	10	1	1	1	2	2	NJ1106	2.17	<2	6.88	27
LUAD028	10		75.00	10	1	1	2	2	2	NJ1106	2.19	<2	6.26	33
LUAD029	10		60.00	10	1	1	2	2	3	NJ1106	2.25	<2	6.87	25
LUAD030	10		60.00	10	1	1	1	3	3	NJ1106	2.43	<2	7.11	31
LUAD031	10		60.00	10	1	1	1	3	3	NJ1106	2.15	<2	6.01	26
LUAD032	10		60.00	10	1	1	1	3	3	NJ1106	2.24	<2	5.17	21
LUAD033	10		55.00	10	1	1	1	3	3	NJ1106	1.57	<2	5.97	20
LUAD034	10		50.00	10	1	1	1	3	3	NJ1106	2.23	<2	5.06	21
LUAD035	10		50.00	10	1	1	1	3	3	NJ1106	2.01	<2	4.16	13
LUAD036	10		45.00	10	1	1	1	3	3	NJ1106	2.15	<2	5.28	31
LUAD037	10		60.00	10	1	1	1	3	3	NJ1106	1.57	<2	5.73	24
LUAD038	10		55.00	10	1	1	1	3	3	NJ1106	1.80	<2	5.97	33
LUAD039	10		40.00	10	1	1	2	3	2	NJ1106	1.58	<2	5.80	34
LUAD040	10		60.00	10	1	1	1	3	3	NJ1106	1.55	<2	6.66	24
LUAD041	10		60.00	10	1	1	1	3	3	NJ1106	2.02	<2	6.79	17
LUAD042	10		60.00	10	1	1	2	3	3	NJ1106	2.74	<2	6.30	23
LUAD043	10		55.00	10	1	1	1	3	3	NJ1106	2.54	<2	6.01	29

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUAC044	535	2	4.23	67	4	19	7	1.39	<15	1.95	38	36	1.31	375	<4
LUAC045	685	2	6.14	63	5	22	9	1.73	<15	1.66	34	41	1.74	472	<4
LUAC046	508	2	1.96	108	5	16	8	2.36	<15	1.76	57	32	0.49	468	<4
LUAC047	742	1	5.39	124	6	32	13	3.15	24	1.62	70	24	1.25	700	<4
LUAC048	679	2	5.22	55	6	27	14	2.15	<15	1.97	30	52	1.49	544	<4
LUAC049	641	2	5.16	56	5	27	13	2.01	<15	1.74	29	47	1.92	582	<4
LUAC050	507	2	8.18	48	5	24	12	1.65	<15	1.48	24	38	2.01	485	<4
LUAC051	467	2	10.45	49	5	25	12	1.76	<15	1.38	26	40	2.00	575	<4
LUAC052	457	2	7.57	47	6	30	14	1.90	<15	1.64	25	47	2.23	598	<4
LUAC053	334	3	15.16	83	6	8	10	1.64	<15	1.13	42	15	0.60	665	11
LUAC054	145	1	9.04	38	4	20	9	1.37	<15	1.09	19	32	3.68	423	<4
LUAC055	254	36	15.90	35	8	31	29	2.13	<15	1.24	20	128	2.06	1134	<4
LUAD001	609	2	3.81	72	5	19	9	1.99	<15	1.53	38	31	0.85	473	<4
LUAD002	660	1	7.26	78	7	17	7	2.72	<15	1.80	41	25	0.96	707	<4
LUAD003	882	2	1.99	76	7	23	12	2.46	<15	2.30	42	37	0.75	565	<4
LUAD004	511	2	3.03	84	6	21	10	2.48	<15	2.10	44	37	0.81	522	<4
LUAD005	760	2	4.02	82	7	20	10	2.44	<15	1.58	44	25	0.91	539	<4
LUAD006	438	1	9.49	39	4	20	10	1.46	<15	0.75	26	43	2.50	188	<4
LUAD007	660	2	3.56	86	6	23	9	2.09	38	1.71	45	32	0.93	627	<4
LUAD008	683	2	2.76	103	8	37	8	3.15	39	1.66	55	30	0.92	678	<4
LUAD009	505	1	5.42	26	4	14	8	1.22	<15	0.86	15	51	5.42	290	<4
LUAD010	779	2	1.95	66	8	26	15	2.49	<15	2.06	33	32	0.85	882	<4
LUAD011	714	2	5.22	57	7	26	17	2.06	<15	1.77	30	34	1.28	830	<4
LUAD012	630	2	2.14	82	7	27	13	2.26	<15	1.85	46	32	0.90	554	<4
LUAD013	644	2	2.62	85	8	32	16	2.64	<15	2.28	44	38	1.20	731	<4
LUAD014	659	1	5.48	54	6	25	13	2.18	<15	1.81	31	37	1.34	554	<4
LUAD015	642	2	4.77	55	7	30	14	2.52	<15	1.92	30	41	1.42	660	<4
LUAD016	755	2	3.06	66	7	31	19	2.41	<15	1.94	36	35	1.41	855	<4
LUAD017	648	2	4.71	63	8	34	17	2.54	<15	1.75	34	44	1.22	524	<4
LUAD018	737	2	4.48	88	7	30	11	2.68	<15	1.66	48	26	1.01	451	<4
LUAD019	756	2	1.93	72	7	25	15	2.47	32	1.98	40	41	1.03	664	<4
LUAD020	601	2	4.02	64	6	24	11	2.24	<15	1.94	36	38	1.06	590	<4
LUAD021	764	2	3.28	65	8	29	13	2.34	38	1.86	36	26	1.06	522	<4
LUAD022	651	2	2.05	80	9	35	12	3.37	<15	2.08	45	40	0.96	617	<4
LUAD023	660	2	2.27	76	7	26	14	2.45	16	2.18	39	42	0.99	590	<4
LUAD024	725	2	2.16	95	5	20	12	2.22	<15	2.03	52	42	0.70	268	<4
LUAD025	673	2	3.50	73	6	19	11	2.30	<15	2.41	40	43	0.84	520	<4
LUAD026	719	2	1.88	65	8	42	13	2.52	<15	1.94	35	34	0.89	569	<4
LUAD027	687	2	2.01	69	7	40	12	2.75	<15	1.97	37	34	0.85	590	<4
LUAD028	661	2	2.27	66	8	34	15	2.21	16	1.73	32	36	0.84	594	<4
LUAD029	488	2	3.32	68	11	52	13	3.25	<15	1.22	36	52	1.15	606	<4
LUAD030	607	2	1.70	70	7	26	14	2.33	<15	2.02	36	37	0.77	658	<4
LUAD031	518	1	6.27	47	5	27	13	1.89	<15	1.51	25	30	1.76	483	<4
LUAD032	528	2	6.23	54	6	26	18	1.84	<15	1.53	27	30	1.77	505	<4
LUAD033	587	2	2.40	53	6	32	15	2.19	<15	1.81	29	36	1.03	532	<4
LUAD034	441	1	5.48	41	6	44	15	2.01	27	1.28	25	36	1.94	435	<4
LUAD035	402	1	9.03	33	4	30	10	1.44	<15	1.09	19	25	2.26	343	<4
LUAD036	463	2	5.40	49	6	40	14	2.07	<15	1.34	27	36	1.82	435	<4
LUAD037	685	2	4.83	61	5	29	14	1.87	<15	1.63	34	36	1.36	447	<4
LUAD038	688	2	3.93	59	6	28	14	1.96	<15	1.80	31	37	1.00	533	<4
LUAD039	677	2	5.10	56	7	29	15	1.99	<15	1.75	31	35	1.09	520	<4
LUAD040	800	2	2.68	67	6	26	14	2.11	<15	2.02	37	34	0.94	484	<4
LUAD041	737	2	1.70	67	8	24	12	3.01	<15	1.82	37	25	0.67	603	<4
LUAD042	702	2	4.33	78	8	26	13	2.46	16	1.49	39	31	0.89	489	<4
LUAD043	639	2	5.07	59	6	28	16	2.12	<15	1.77	30	35	1.01	587	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PE	SC	SR	TH	TI	V	Y	ZK	ZR
LUAC044	1.49	11	30	473	20	4	423	15	1777	34	12	110	48
LUAC045	1.16	13	10	639	14	5	429	11	2366	47	13	54	59
LUAC046	1.47	16	9	731	26	5	439	15	3604	54	17	61	52
LUAC047	1.31	21	16	802	14	7	470	15	5814	88	26	74	58
LUAC048	1.24	11	12	792	<10	6	398	2	2660	56	14	65	69
LUAC049	1.10	12	14	753	22	6	301	10	2408	52	14	67	63
LUAC050	0.87	12	12	640	21	5	260	10	1944	43	12	62	52
LUAC051	0.76	15	10	690	13	5	523	5	2067	42	14	60	38
LUAC052	0.69	13	15	831	18	6	313	9	2082	46	13	67	48
LUAC053	0.68	17	6	430	27	4	473	16	1673	41	22	64	12
LUAC054	0.53	10	10	556	13	4	187	13	1528	33	9	54	36
LUAC055	0.45	17	18	553	42	7	1175	6	1962	40	16	240	23
LUAD001	1.09	12	9	654	23	5	403	10	2987	55	14	61	92
LUAD002	0.65	26	5	856	12	7	928	10	4580	85	24	63	93
LUAD003	1.56	17	11	807	13	6	388	7	3749	69	15	73	99
LUAD004	1.31	17	10	793	19	6	444	12	4473	75	15	65	102
LUAD005	0.99	14	8	955	13	5	426	10	4048	69	14	66	118
LUAD006	0.47	12	14	281	<10	4	331	9	1707	41	13	42	54
LUAD007	1.54	13	12	782	18	5	513	12	2965	57	15	61	76
LUAD008	1.54	17	11	596	23	8	449	19	5496	107	16	61	70
LUAD009	0.65	9	9	281	12	3	545	4	1607	49	7	34	51
LUAD010	1.51	13	13	641	23	6	354	9	3655	71	13	64	68
LUAD011	1.08	12	15	959	17	6	305	7	2505	53	14	70	74
LUAD012	1.26	14	14	842	22	6	382	11	3407	62	16	73	94
LUAD013	1.44	17	18	1215	13	7	366	12	4188	73	16	90	94
LUAD014	1.16	11	15	732	11	6	364	2	2841	56	15	64	82
LUAD015	1.11	10	17	915	12	6	324	8	2816	58	15	66	87
LUAD016	1.14	14	16	1147	13	7	310	12	3080	61	16	64	90
LUAD017	0.91	14	17	662	21	6	276	7	2849	64	14	67	87
LUAD018	1.11	19	12	682	19	7	372	15	4566	81	16	75	95
LUAD019	1.22	11	14	897	<10	7	335	9	2907	59	18	75	96
LUAD020	1.44	13	8	839	13	6	398	5	3709	64	15	67	83
LUAD021	1.17	14	16	701	12	6	335	5	3169	63	13	75	76
LUAD022	1.46	20	17	844	15	7	415	8	6625	112	16	105	103
LUAD023	1.38	13	15	806	12	7	377	15	3287	67	16	60	97
LUAD024	1.29	21	10	524	19	6	409	16	3291	64	18	60	114
LUAD025	1.34	15	8	622	21	6	436	7	3670	76	14	60	88
LUAD026	1.24	13	13	442	<10	7	351	12	3091	82	15	62	82
LUAD027	1.25	14	12	556	16	7	360	7	3589	93	15	65	80
LUAD028	1.18	12	13	591	22	6	283	13	2761	59	15	77	72
LUAD029	0.76	16	27	705	16	9	271	12	5001	114	17	87	92
LUAD030	1.63	14	17	581	18	7	350	8	3197	62	16	93	89
LUAD031	0.84	10	15	667	15	5	230	11	2061	46	13	60	63
LUAD032	0.81	12	15	627	15	5	224	11	2197	47	13	73	62
LUAD033	1.05	11	17	682	20	6	238	8	2789	58	13	73	69
LUAD034	0.64	10	21	883	12	6	192	8	2261	60	15	71	65
LUAD035	0.66	10	17	685	<10	5	206	6	1897	45	12	52	52
LUAD036	0.67	11	20	914	13	6	213	8	2538	61	15	76	67
LUAD037	1.07	13	14	667	13	6	367	6	2853	52	13	65	70
LUAD038	1.17	13	12	672	<10	6	295	12	2681	54	13	65	67
LUAD039	1.15	15	14	788	18	6	309	9	2739	55	14	75	67
LUAD040	1.42	14	11	625	23	5	363	10	3375	60	13	67	80
LUAD041	1.48	21	11	437	17	7	364	7	6617	106	15	64	82
LUAD042	0.95	16	14	760	19	6	363	15	3658	74	15	74	96
LUAD043	1.13	13	15	660	11	6	280	11	2810	58	14	68	70

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CCCR	CON1	CON2	CON3	FORM
LUA0044	38.859	115.127	06	51380				4	1	1	2			8	QTRN
LUA0045	38.927	115.031	06	51380				4	1	1	2			8	QTRN
LUA0046	38.905	115.068	06	51380				4	1	1	2		6	8	QTRN
LUA0047	38.817	115.059	06	51380				4	1	1	2			8	QTRN
LUA0048	38.796	115.069	06	51380				4	1	1	2			8	QTRN
LUA0049	38.791	115.098	06	51380				4	1	1	2			8	QTRN
LUA0050	38.763	115.106	06	51380				4	1	1	2			8	QTRN
LUA0051	38.774	115.003	06	51380				4	1	1	2			8	QTRN
LUA0052	38.839	115.008	06	51480				4	1	1	2		6	8	QTRN
LUA0053	38.815	115.013	06	51480				4	1	1	2			8	QTRN
LUA0054	38.788	115.038	06	51480				4	1	1	2			8	QTRN
LUA0055	38.759	115.043	06	51480				4	1	1	2			8	QTRN
LUA0056	38.782	115.142	06	51480				4	1	1	2			8	QTRN
LUA0057	38.773	115.218	06	51480				4	1	1	2			8	QTRN
LUA0058	38.814	115.136	06	51480				4	1	1	2			8	QTRN
LUA0059	38.865	115.161	06	51480				4	1	1	2			8	QTRN
LUA0060	38.839	115.158	06	51480				4	1	1	2			8	QTRN
LUA0061	38.815	115.176	06	51480				4	1	1	2			8	QTRN
LUA0062	38.810	115.156	06	51480				4	1	1	2			8	QTRN
LUA0063	38.785	115.173	06	51480				4	1	1	2			8	QTRN
LUA0064	38.755	115.181	06	51480				4	1	1	2			8	QTRN
LUA0065	38.753	115.212	06	51480				4	1	1	2			8	QTRN
LUA0001	38.995	114.995	06	70880				4	1	1	2			8	QTRN
LUA0002	38.978	114.995	06	70880				4	1	1	2			8	QTRN
LUA0003	38.988	114.960	06	70880				4	1	1	2			8	QTRN
LUA0004	38.952	114.998	06	70880				4	1	1	2			8	QTRN
LUA0005	38.964	114.974	06	70880				4	1	1	2			8	QTRN
LUA0006	38.959	114.946	06	70880				4	1	1	2			8	QTRN
LUA0007	38.936	114.989	06	70880				4	1	1	2			8	QTRN
LUA0008	38.941	114.949	06	70880				4	1	1	2			8	QTRN
LUA0009	38.922	114.970	06	70880				4	1	1	2			8	QTRN
LUA0010	38.530	114.946	06	70880				4	1	1	2			8	QTRN
LUA0011	38.909	114.953	06	70880				4	1	1	2			8	QTRN
LUA0012	38.509	114.926	08	70880				4	1	1	2			5	QTRN
LUA0013	38.508	114.926	06	70880				4	1	1	2			5	QTRN
LUA0014	38.907	114.900	06	70880				4	1	1	2			8	QTRN
LUA0015	38.893	114.897	06	70880				4	1	1	2			8	QTRN
LUA0016	38.877	114.898	06	70880				4	1	1	2			8	QTRN
LUA0017	38.863	114.896	06	70880				4	1	1	2			8	QTRN
LUA0018	38.853	114.880	06	70880				4	1	1	2			8	QTRN
LUA0019	38.852	114.851	06	70880				4	1	1	2			8	QTRN
LUA0020	38.852	114.820	06	70880				4	1	1	2			8	QTRN
LUA0021	38.865	114.908	06	70880				4	1	1	2			8	QTRN
LUA0022	38.889	114.806	06	70880				4	1	1	2			8	QTRN
LUA0023	38.908	114.805	06	70880				4	1	1	2			8	QTRN
LUA0024	38.935	114.809	06	70880				4	1	1	2			8	QTRN
LUA0025	38.954	114.812	06	70880				4	1	1	2			8	QTRN
LUA0026	38.578	114.815	06	70880				4	1	1	2			8	QTRN
LUA0027	38.993	114.819	06	70880				4	1	1	2			8	QTRN
LUA0028	38.501	114.985	06	70980				4	1	1	2			8	QTRN
LUA0029	38.879	114.990	06	70980				4	1	1	2			8	QTRN
LUA0030	38.878	114.953	06	70980				4	1	1	2			8	QTRN
LUA0031	38.870	114.970	06	70980				4	1	1	2			8	QTRN
LUA0032	38.860	114.949	06	70980				4	1	1	2			8	QTRN
LUA0033	38.864	114.997	06	70980				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUAD044	10		65.00	10	1	1	1	3	3	NJ1106	2.42	<2	6.47	19
LUAD045	10		50.00	10	1	1	1	3	3	NJ1106	2.44	<2	5.80	43
LUAD046	10		75.00	10	1	1	1	3	3	NJ1106	2.59	<2	6.87	39
LUAD047	10		65.00	10	1	1	1	3	3	NJ1106	2.32	<2	5.96	31
LUAD048	10		60.00	10	1	1	1	3	3	NJ1106	2.44	<2	6.17	32
LUAD049	10		60.00	10	1	1	1	3	3	NJ1106	2.75	<2	5.65	39
LUAD050	10		55.00	10	1	1	1	3	3	NJ1106	2.83	<2	6.55	35
LUAD051	10		30.00	10	1	1	2	3	3	NJ1106	2.19	<2	4.92	32
LUAD052	10		50.00	10	1	1	2	3	3	NJ1106	2.20	<2	3.75	24
LUAD053	10		50.00	10	1	1	1	3	3	NJ1106	2.60	<2	4.30	<10
LUAD054	10		55.00	10	1	1	1	3	2	NJ1106	2.55	<2	5.09	42
LUAD055	10		55.00	10	1	1	1	3	3	NJ1106	1.74	<2	4.78	26
LUAD056	10		35.00	10	1	1	2	3	2	NJ1106	1.75	<2	5.08	21
LUAD057	10		55.00	10	1	1	3	3	3	NJ1106	3.12	<2	5.03	42
LUAD058	10		30.00	10	1	1	3	3	1	NJ1106	2.15	<2	4.06	22
LUAD059	10		75.00	10	1	1	1	3	3	NJ1106	2.83	<2	6.38	31
LUAD060	10		70.00	10	1	1	1	3	3	NJ1106	2.74	<2	5.59	39
LUAD061	10		55.00	10	1	1	2	2	2	NJ1106	3.36	<2	6.16	67
LUAD062	10		65.00	10	1	1	2	2	2	NJ1106	3.55	<2	5.00	39
LUAD063	10		50.00	10	1	1	1	2	2	NJ1106	2.65	<2	5.68	29
LUAD064	10		50.00	10	1	1	1	3	2	NJ1106	1.03	<2	6.26	35
LUAD065	10		55.00	10	1	1	1	3	3	NJ1106	1.62	<2	5.79	33
LUAE001	10		50.00	10	1	1	1	3	3	NJ1106	2.46	<2	5.37	24
LUAE002	10		55.00	10	1	1	1	3	3	NJ1106	2.36	<2	5.33	24
LUAE003	10		40.00	10	1	1	3	2	2	NJ1106	2.49	<2	4.86	26
LUAE004	10		45.00	10	1	1	1	3	3	NJ1106	2.42	<2	5.30	31
LUAE005	10		55.00	10	1	1	1	3	3	NJ1106	2.61	<2	6.03	33
LUAE006	10		40.00	10	1	1	2	2	2	NJ1106	2.39	<2	5.03	24
LUAE007	10		40.00	10	1	1	1	3	3	NJ1106	2.39	<2	3.84	12
LUAE008	10		35.00	10	1	1	2	2	2	NJ1106	1.76	<2	5.46	30
LUAE009	10		40.00	10	1	1	1	3	3	NJ1106	2.41	<2	5.41	22
LUAE010	10		40.00	10	1	1	2	2	2	NJ1106	2.26	<2	5.40	37
LUAE011	10		30.00	10	1	1	3	3	3	NJ1106	2.35	<2	3.98	23
LUAE012	10		40.00	09	1	1	3	2	2	NJ1106	4.37	16	2.12	13
LUAE013	10		40.00	10	1	1	2	2	2	NJ1106	2.35	<2	4.48	23
LUAE014	10		45.00	10	1	1	2	2	3	NJ1106	2.37	<2	4.66	27
LUAE015	10		30.00	10	1	1	1	3	3	NJ1106	2.39	<2	5.43	28
LUAE016	10		30.00	10	1	1	1	3	3	NJ1106	1.46	<2	7.10	37
LUAE017	10		35.00	10	1	1	1	3	3	NJ1106	2.60	<2	6.83	12
LUAE018	10		35.00	10	1	1	1	3	3	NJ1106	2.58	<2	6.25	15
LUAE019	10		35.00	10	1	1	1	3	3	NJ1106	2.12	<2	6.28	33
LUAE020	10		55.00	10	1	1	1	3	3	NJ1106	2.15	<2	6.12	24
LUAE021	10		40.00	10	1	1	1	3	3	NJ1106	2.47	<2	6.01	39
LUAE022	10		35.00	10	1	1	1	3	3	NJ1106	2.27	<2	5.88	30
LUAE023	10		45.00	10	1	1	1	3	3	NJ1106	2.67	<2	5.38	24
LUAE024	10		45.00	10	1	1	1	3	3	NJ1106	3.18	<2	6.70	20
LUAE025	10		55.00	10	1	1	1	3	3	NJ1106	3.25	<2	7.47	10
LUAE026	10		80.00	10	1	1	1	3	3	NJ1106	3.24	<2	7.15	14
LUAE027	10		65.00	10	1	1	1	3	3	NJ1106	3.01	<2	6.55	30
LUAE028	10		45.00	10	1	1	1	3	3	NJ1106	2.20	<2	5.28	10
LUAE029	10		45.00	10	1	1	1	3	3	NJ1106	2.17	<2	3.87	11
LUAE030	10		50.00	10	1	1	1	3	3	NJ1106	2.60	<2	4.56	26
LUAE031	10		40.00	10	1	1	1	3	3	NJ1106	2.17	<2	4.68	20
LUAE032	10		40.00	10	1	1	2	2	2	NJ1106	1.68	<2	6.24	17
LUAE033	10		35.00	10	1	1	1	3	3	NJ1106	1.61	<2	5.46	13

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUAD044	703	2	3.42	67	7	26	13	2.27	<15	1.91	34	34	1.13	536	<4
LUAD045	656	2	4.65	58	7	33	16	1.96	<15	1.65	27	40	1.07	552	<4
LUAD046	769	2	1.97	70	7	31	18	2.46	<15	2.15	36	43	1.09	628	<4
LUAD047	833	2	5.52	64	4	18	9	1.73	20	2.01	38	37	1.39	475	<4
LUAD048	649	2	4.03	69	4	22	11	1.86	<15	1.97	35	33	1.24	538	<4
LUAD049	659	2	5.62	58	5	25	16	1.97	<15	1.72	31	40	1.84	472	<4
LUAD050	779	2	3.17	62	6	25	12	2.14	<15	2.12	36	37	1.24	540	<4
LUAD051	494	1	6.84	44	5	23	13	1.71	<15	1.55	23	32	2.16	478	<4
LUAD052	371	1	11.54	34	4	18	10	1.27	<15	1.08	17	24	3.51	414	<4
LUAD053	386	1	9.21	41	5	29	10	1.52	<15	1.07	21	25	2.78	385	<4
LUAD054	453	2	8.33	50	6	44	18	2.05	<15	1.40	27	42	1.83	658	4
LUAD055	543	1	6.22	45	4	26	12	1.40	<15	1.43	25	31	1.40	451	<4
LUAD056	585	1	8.50	43	4	21	11	1.56	<15	1.50	25	30	1.92	402	<4
LUAD057	518	1	7.28	50	7	68	18	2.16	<15	1.13	29	33	0.87	435	<4
LUAD058	441	1	10.70	38	4	20	11	1.39	<15	1.05	20	24	2.77	406	<4
LUAD059	778	2	3.59	68	5	22	10	1.95	<15	1.87	27	35	1.01	487	<4
LUAD060	579	2	5.59	49	6	28	17	1.96	<15	1.66	26	35	2.06	657	<4
LUAD061	472	2	4.90	57	7	87	19	2.48	<15	1.54	32	38	0.89	381	<4
LUAD062	457	2	5.65	65	8	57	15	2.57	<15	1.07	36	32	0.85	496	4
LUAD063	642	2	6.39	54	6	26	12	1.85	<15	1.59	30	30	1.09	478	<4
LUAD064	663	2	4.69	53	6	30	15	2.13	<15	1.81	30	34	1.05	462	<4
LUAD065	556	2	6.20	59	6	43	13	2.31	<15	1.33	32	35	0.98	480	<4
LUAE001	560	2	3.99	75	5	29	12	2.19	<15	1.55	43	25	1.00	424	<4
LUAE002	550	2	7.87	59	6	30	12	2.15	<15	1.60	34	30	0.97	433	<4
LUAE003	495	1	6.38	48	5	29	16	1.71	<15	1.44	26	28	1.57	404	<4
LUAE004	534	2	4.89	57	5	30	13	1.83	<15	1.61	31	31	1.20	433	<4
LUAE005	587	2	1.55	69	6	33	16	2.30	<15	1.72	27	34	0.79	533	<4
LUAE006	505	2	7.21	55	6	27	15	1.89	<15	1.30	27	25	2.17	464	<4
LUAE007	269	1	10.46	34	4	20	12	1.39	<15	1.16	17	25	3.60	414	<4
LUAE008	554	2	4.95	59	6	28	17	2.00	<15	1.46	30	30	2.47	563	<4
LUAE009	552	2	5.99	49	6	27	15	1.92	<15	1.58	25	31	1.55	548	<4
LUAE010	524	2	6.07	48	6	27	18	1.90	<15	1.66	25	35	2.14	602	<4
LUAE011	356	1	10.55	43	4	21	19	1.37	<15	1.17	20	24	2.76	411	<4
LUAE012	134	1	17.54	93	6	15	3057	1.27	<15	0.32	57	28	3.42	495	14
LUAE013	431	1	9.63	56	6	25	143	1.70	<15	1.31	28	32	1.36	583	<4
LUAE014	441	1	7.97	48	4	24	21	1.71	<15	1.26	26	28	2.73	505	<4
LUAE015	433	2	5.60	59	5	31	16	1.95	<15	1.34	32	33	1.78	555	<4
LUAE016	556	2	1.98	67	8	39	24	2.60	<15	1.82	36	43	0.85	765	<4
LUAE017	543	2	2.94	75	7	19	12	2.49	<15	1.53	25	30	0.85	582	<4
LUAE018	601	2	1.57	75	6	18	17	2.15	<15	1.69	35	24	0.67	672	<4
LUAE019	553	2	3.27	78	7	35	21	2.32	22	1.64	42	33	0.92	567	<4
LUAE020	604	2	3.44	76	6	28	20	2.23	<15	1.69	44	25	0.69	533	<4
LUAE021	534	2	3.64	57	7	44	20	2.19	<15	1.63	31	36	1.57	583	<4
LUAE022	593	2	2.34	51	7	28	18	1.93	<15	1.62	29	28	0.74	530	<4
LUAE023	531	2	5.20	41	6	32	19	1.94	<15	1.53	24	32	2.28	600	<4
LUAE024	687	2	1.55	68	6	23	16	2.46	15	1.71	38	30	0.66	507	<4
LUAE025	643	2	2.17	110	5	11	9	2.35	<15	1.85	58	22	0.52	526	<4
LUAE026	839	2	1.99	98	6	14	11	2.32	<15	1.77	52	25	0.57	524	<4
LUAE027	649	2	1.63	73	6	26	20	2.07	<15	2.00	41	35	0.75	574	<4
LUAE028	573	2	6.93	52	5	25	14	1.84	<15	1.48	28	25	1.60	406	<4
LUAE029	362	1	10.29	41	4	25	10	1.44	<15	1.02	20	24	2.80	344	<4
LUAE030	449	1	9.02	43	5	24	16	1.65	<15	1.27	21	27	2.12	402	<4
LUAE031	473	1	7.92	36	4	23	13	1.61	<15	1.35	15	27	2.23	529	<4
LUAE032	576	2	5.76	53	7	30	19	2.11	<15	1.74	25	35	1.25	599	<4
LUAE033	591	1	5.73	51	5	30	13	1.81	<15	1.70	27	32	1.08	370	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	
LUA0044	1.32	15	13	664	14	6	329	7	3445	67	14	65	73
LUA0045	C.98	13	17	750	15	6	266	8	2348	55	15	72	75
LUA0046	1.32	13	16	974	18	7	300	15	3183	62	16	87	96
LUA0047	1.42	15	10	863	13	5	532	4	3628	54	14	53	87
LUA0048	1.42	14	10	833	22	5	438	11	3456	53	14	62	99
LUA0049	1.07	13	12	983	<10	6	369	13	2722	50	13	72	72
LUA0050	1.39	14	13	847	12	6	369	8	3449	59	15	202	90
LUA0051	C.94	12	13	635	14	5	241	8	2206	44	12	56	58
LUA0052	0.70	14	11	498	14	4	186	5	1541	34	10	45	43
LUA0053	C.64	11	18	548	12	5	199	7	1752	46	12	56	51
LUA0054	C.65	13	23	1291	18	6	262	12	2473	59	18	53	68
LUA0055	C.91	11	11	1042	15	4	330	12	1886	37	14	61	54
LUA0056	1.08	13	10	540	13	5	310	9	2173	42	22	52	55
LUA0057	C.71	12	34	1065	13	7	297	5	2374	75	18	109	61
LUA0058	0.74	13	15	479	11	4	228	12	1821	38	11	54	47
LUA0059	1.45	13	11	667	12	5	476	11	3075	56	24	60	76
LUA0060	1.01	13	15	901	<10	6	240	5	2374	52	22	76	63
LUA0061	C.68	14	31	889	17	8	266	4	2891	89	17	53	81
LUA0062	0.62	16	29	949	18	7	293	16	4096	101	17	105	77
LUA0063	1.18	13	13	625	21	5	342	7	2521	52	13	64	61
LUA0064	1.13	13	15	384	14	6	301	6	2647	56	13	68	69
LUA0065	C.91	15	22	683	14	7	335	6	3431	76	16	76	74
LUA0061	1.05	13	15	507	15	5	269	10	3158	65	13	66	67
LUA0062	1.07	12	15	495	19	6	264	17	3157	64	13	66	68
LUA0063	0.91	11	16	1077	19	5	228	17	2164	47	14	65	58
LUA0064	C.98	13	16	611	11	5	253	15	2349	51	13	68	60
LUA0065	1.06	14	17	592	15	6	242	15	2854	60	15	76	69
LUA0066	C.75	13	14	539	13	6	206	17	2279	48	12	58	61
LUA0067	C.61	12	10	667	11	4	178	7	1653	36	10	45	48
LUA0068	C.90	14	14	594	17	6	215	10	2487	52	14	65	65
LUA0069	C.98	12	10	692	14	6	247	9	2507	50	12	64	64
LUA0070	C.96	11	13	793	17	6	223	11	2274	48	13	71	63
LUA0071	0.62	14	11	446	23	4	173	7	1565	35	12	65	48
LUA0072	C.09	17	7	314	39	2	83	11	709	15	16	1168	43
LUA0073	0.58	14	14	589	98	5	193	11	1723	38	16	354	50
LUA0074	C.67	12	14	505	10	5	157	8	1892	44	14	71	57
LUA0075	0.62	12	18	741	13	6	171	7	2230	55	19	74	67
LUA0076	C.85	13	21	839	<10	8	188	13	2851	67	19	65	76
LUA0077	0.93	14	11	594	22	7	221	11	3035	59	18	71	70
LUA0078	1.00	11	10	800	22	6	231	13	2325	49	15	74	63
LUA0079	1.02	14	17	839	23	7	234	17	2758	61	20	85	82
LUA0080	1.14	13	15	865	23	6	258	14	2899	60	18	80	66
LUA0081	C.88	11	24	882	12	7	205	16	2528	62	19	58	72
LUA0082	1.08	10	138	710	51	5	249	11	2209	50	16	652	60
LUA0083	C.90	10	26	782	15	6	205	5	2139	52	16	112	58
LUA0084	1.70	15	15	532	14	7	292	15	3506	65	17	83	73
LUA0085	1.63	19	6	494	19	6	386	16	3878	60	18	72	69
LUA0086	1.50	19	10	511	28	7	357	12	3775	61	18	85	66
LUA0087	1.31	14	10	527	28	6	256	14	2747	53	17	78	71
LUA0088	1.00	12	15	499	16	5	272	12	2349	48	11	73	58
LUA0089	C.55	12	13	446	16	5	199	11	1684	41	10	53	48
LUA0090	0.75	14	15	629	14	5	213	15	2083	42	11	71	58
LUA0091	0.84	10	13	713	<10	5	217	4	1930	40	11	62	52
LUA0092	1.04	10	15	802	14	6	271	15	2435	50	12	65	58
LUA0093	1.03	10	15	486	12	5	275	15	2342	48	12	59	71

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LGNG	NTYP	DAY	WTEN	COND	ALK	SIZE	WIDE	S-DP	ODCR	CON1	CON2	CON3	FORM
LUAEO34	38.842	114.949	06	70980				4	1	1	2			8	QTRN
LUAEO35	38.836	114.989	06	70980				4	1	1	2			8	QTRN
LUAEO36	38.826	114.953	06	70980				4	1	1	2			8	QTRN
LUAEO37	38.812	114.973	06	70980				4	1	1	2			8	QTRN
LUAEO38	38.820	114.992	06	70980				4	1	1	2			8	QTRN
LUAEO39	38.782	114.994	06	70980				4	1	1	2			8	QTRN
LUAEO40	38.765	114.988	06	70980				4	1	1	2			8	QTRN
LUAEO41	38.986	114.856	06	71080				4	1	1	2			8	QTRN
LUAEO42	38.994	114.791	06	71080				4	1	1	2			8	QTRN
LUAEO43	38.973	114.788	06	71080				4	1	1	2			8	QTRN
LUAEO44	38.990	114.763	06	71080				4	1	1	2			8	QTRN
LUAEO45	38.950	114.768	06	71080				4	1	1	2			8	QTRN
LUAEO46	38.922	114.770	06	71080				4	1	1	2			8	QTRN
LUAEO47	38.952	114.833	06	71080				4	1	1	2			8	QTRN
LUAEO48	38.923	114.861	06	71080				4	1	1	2			8	QTRN
LUAEO49	38.905	114.832	06	71080				4	1	1	2			8	QTRN
LUAEO50	38.880	114.845	06	71080				4	1	1	2			8	QTRN
LUAEO51	38.879	114.773	06	71080				4	1	1	2			8	QTRN
LUAEO52	38.826	114.832	06	71080				4	1	1	2			8	QTRN
LUAEO53	38.807	114.832	06	71080				4	1	1	2			8	QTRN
LUAEO54	38.806	114.865	06	71080				4	1	1	2			8	QTRN
LUAEO55	38.778	114.831	06	71080				4	1	1	2			8	QTRN
LUAEO56	38.774	114.863	06	71080				4	1	1	2			8	QTRN
LUAEO57	38.753	114.835	06	71080				4	1	1	2			8	QTRN
LUAEO58	38.770	114.780	06	71080				4	1	1	2			8	QTRN
LUAEO59	38.774	114.801	06	71080				4	1	1	2			8	QTRN
LUAEO60	38.849	114.755	06	71180				4	1	1	2			8	QTRN
LUAEO61	38.841	114.784	06	71180				4	1	1	2			8	QTRN
LUBA001	38.562	115.763	06	52880				3	1	1	2			8	QTRN
LUBA002	38.581	115.775	06	52880				2	1	1	2			8	QTRN
LUBA003	38.604	115.783	06	52880				2	1	1	2			8	QTRN
LUBA004	38.620	115.815	01	52880				2	1	1	2			5	TRTR
LUBA005	38.628	115.811	06	52880				3	1	1	2			8	QTRN
LUBA006	38.632	115.841	06	52880				2	1	1	2			8	QTRN
LUBA007	38.628	115.881	06	52880				2	1	1	2			8	QTRN
LUBA008	38.604	115.887	06	52880				2	1	1	2			8	QTRN
LUBA009	38.602	115.863	06	52880				3	1	1	2			8	QTRN
LUBA010	38.573	115.865	06	52880				3	1	1	2			8	QTRN
LUBA011	38.552	115.884	06	52880				2	1	1	2			8	QTRN
LUBA012	38.535	115.908	06	52880				2	1	1	2			8	QTRN
LUBA013	38.513	115.904	06	52880				2	1	1	2			8	QTRN
LUBA014	38.508	115.893	01	52880				2	1	1	2		8	5	TRTR
LUBA015	38.508	115.877	06	52880				3	1	1	2			8	QTRN
LUBA016	38.521	115.873	01	52880				2	1	1	2		8	5	TRTR
LUBA017	38.520	115.861	06	52880				3	1	1	2			8	QTRN
LUBA018	38.529	115.779	06	52880				3	1	1	2			8	QTRN
LUBA019	38.509	115.783	06	52980				3	1	1	2			8	QTRN
LUBA020	38.546	115.792	06	52980				2	1	1	2			8	QTRN
LUBA021	38.530	115.819	06	52980				3	1	1	2			8	QTRN
LUBA022	38.573	115.828	06	52980				2	1	1	2			8	QTRN
LUBA023	38.566	115.796	06	52980				2	1	1	2			8	QTRN
LUBA024	38.537	115.852	06	52980				3	1	1	2			8	QTRN
LUBA025	38.554	115.937	06	52980				3	1	1	2			8	QTRN
LUBA026	38.552	115.978	06	52980				3	1	1	2			8	QTRN
LUBA027	38.503	115.992	06	52980				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	OVEG	MAP	U-FL	AG	AL	B
LUA0034	10		4C.00	10	1	1	2	2	3	NJ1106	2.18	<2	7.16	<10
LUA0035	10		6C.00	10	1	1	1	3	3	NJ1106	3.20	<2	5.62	<10
LUA0036	10		3C.00	10	1	1	1	3	3	NJ1106	2.12	<2	3.58	12
LUA0037	10		4C.00	10	1	1	2	2	2	NJ1106	2.40	<2	4.59	10
LUA0038	10		4C.00	10	1	1	1	3	3	NJ1106	2.64	<2	4.10	11
LUA0039	10		3S.00	10	1	1	1	3	3	NJ1106	2.68	<2	6.67	12
LUA0040	10		4C.00	10	1	1	2	3	2	NJ1106	2.47	<2	6.79	16
LUA0041	10		8C.00	10	1	1	1	3	3	NJ1106	3.57	<2	7.81	18
LUA0042	10		6C.00	10	1	1	1	4	3	NJ1106	2.71	<2	7.41	26
LUA0043	10		5S.00	10	1	1	1	4	3	NJ1106	2.42	<2	6.92	15
LUA0044	10		5C.00	10	1	1	1	4	3	NJ1106	2.48	<2	6.47	10
LUA0045	10		3S.00	10	1	1	1	3	3	NJ1106	2.30	<2	5.49	20
LUA0046	10		5C.00	10	1	1	1	3	3	NJ1106	2.58	<2	4.05	14
LUA0047	10		7S.00	10	1	1	1	3	3	NJ1106	2.69	<2	6.96	12
LUA0048	10		5C.00	10	1	1	2	2	2	NJ1106	2.46	<2	8.30	<10
LUA0049	10		4C.00	10	1	1	1	3	3	NJ1106	2.40	<2	8.48	22
LUA0050	10		3S.00	10	1	1	1	3	3	NJ1106	2.21	<2	6.75	20
LUA0051	10		4S.00	10	1	1	1	2	3	NJ1106	2.38	<2	6.27	15
LUA0052	10		6S.00	10	1	1	1	3	3	NJ1106	2.49	<2	7.90	10
LUA0053	10		6S.00	10	1	1	1	3	3	NJ1106	2.66	<2	7.86	22
LUA0054	10		5S.00	10	1	1	1	3	3	NJ1106	2.68	<2	8.08	19
LUA0055	10		6C.00	10	1	1	1	3	3	NJ1106	2.42	<2	6.54	12
LUA0056	10		5S.00	10	1	1	1	3	3	NJ1106	1.94	<2	7.84	16
LUA0057	10		5C.00	10	1	1	1	3	3	NJ1106	2.69	<2	7.68	<10
LUA0058	10		3C.00	10	1	1	1	3	3	NJ1106	1.62	<2	4.75	17
LUA0059	10		4C.00	10	1	1	1	3	3	NJ1106	1.64	<2	4.60	25
LUA0060	10		4C.00	10	1	1	1	3	3	NJ1106	2.54	<2	6.28	10
LUA0061	10		4C.00	10	1	1	1	3	3	NJ1106	3.06	<2	7.60	18
LUBA001	10		4C.00	10	1	1	1	2	1	NJ1106	1.68	<2	3.51	<10
LUBA002	10		2S.00	10	1	1	1	3	1	NJ1106	1.46	<2	5.59	<10
LUBA003	10		4S.00	10	1	1	2	3	1	NJ1106	2.45	<2	5.59	<10
LUBA004	10		4S.00	10	1	1	2	3	1	NJ1106	2.51	<2	7.67	11
LUBA005	10		5C.00	10	1	1	2	3	1	NJ1106	2.67	<2	5.44	<10
LUBA006	10		6S.00	10	1	1	2	3	1	NJ1106	2.72	<2	6.60	14
LUBA007	10		5C.00	10	1	1	1	3	1	NJ1106	1.13	<2	8.25	18
LUBA008	10		7S.00	10	1	1	2	3	1	NJ1106	3.30	<2	8.31	27
LUBA009	10		4S.00	10	1	1	1	3	1	NJ1106	3.64	<2	6.82	17
LUBA010	10		5C.00	10	1	1	2	3	1	NJ1106	2.13	<2	8.39	17
LUBA011	10		6S.00	10	1	1	2	3	1	NJ1106	2.36	<2	5.97	<10
LUBA012	10		6C.00	10	1	1	2	3	1	NJ1106	2.15	<2	8.27	13
LUBA013	10		5S.00	10	1	1	2	3	1	NJ1106	2.51	<2	8.23	11
LUBA014	10		7C.00	02	1	1	2	3	1	NJ1106	2.80	<2	3.38	<10
LUBA015	10		5C.00	10	1	1	2	1	1	NJ1106	9.93	<2	6.66	14
LUBA016	10		6C.00	02	1	1	2	3	1	NJ1106	3.24	<2	6.65	22
LUBA017	10		5C.00	10	1	1	2	3	1	NJ1106	2.65	<2	7.56	17
LUBA018	10		5S.00	10	1	1	1	3	1	NJ1106	2.55	<2	6.70	16
LUBA019	10		6C.00	10	1	1	1	3	1	NJ1106	2.57	<2	7.49	21
LUBA020	10		4S.00	10	1	1	1	3	1	NJ1106	2.48	<2	5.45	<10
LUBA021	10		5C.00	10	1	1	1	3	1	NJ1106	2.53	<2	5.78	<10
LUBA022	10		5S.00	10	1	1	2	3	1	NJ1106	2.38	<2	4.41	<10
LUBA023	10		6S.00	10	1	1	2	3	1	NJ1106	2.15	<2	5.06	<10
LUBA024	10		6C.00	10	1	1	2	3	1	NJ1106	1.85	<2	5.55	<10
LUBA025	10		8S.00	10	1	1	1	3	1	NJ1106	2.26	<2	8.56	21
LUBA026	10		5C.00	10	1	1	1	3	1	NJ1106	2.93	<2	8.40	18
LUBA027	10		4S.00	10	1	1	1	3	1	NJ1106	2.62	<2	9.42	13

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MC
LUA034	673	2	3.21	59	7	29	17	2.51	<15	1.87	31	35	1.48	626	<4
LUA035	555	2	6.78	95	5	21	10	2.16	<15	1.74	54	31	0.96	509	<4
LUA036	313	1	11.70	29	4	19	11	1.27	<15	1.00	14	24	4.73	360	<4
LUA037	408	1	9.91	41	5	27	13	1.62	<15	1.18	21	31	3.18	396	<4
LUA038	356	1	11.07	37	4	24	11	1.53	<15	1.09	19	27	4.03	388	<4
LUA039	667	2	4.49	49	5	26	18	2.21	<15	1.92	28	40	1.81	591	<4
LUA040	683	2	4.48	45	6	26	17	2.24	<15	2.05	26	42	1.83	589	<4
LUA041	576	2	1.73	107	5	15	20	2.23	<15	2.22	59	25	0.58	555	<4
LUA042	638	2	1.69	70	7	43	35	2.81	<15	2.11	37	45	1.12	675	<4
LUA043	665	2	1.94	54	7	35	27	2.39	<15	2.27	29	46	1.02	745	<4
LUA044	640	2	1.90	48	6	30	25	2.28	<15	1.85	27	35	0.90	555	<4
LUA045	559	1	1.95	39	4	27	24	1.78	<15	1.95	22	36	0.79	430	<4
LUA046	443	1	0.97	39	4	23	15	1.28	<15	1.62	19	24	0.60	337	<4
LUA047	598	2	3.27	57	6	29	18	2.29	<15	1.84	31	40	1.48	571	<4
LUA048	682	2	2.22	91	4	13	509	2.14	<15	2.09	51	27	0.55	498	<4
LUA049	407	2	1.43	61	12	72	23	3.45	<15	1.92	34	81	0.88	679	<4
LUA050	638	2	3.73	56	7	32	28	2.41	<15	1.95	32	35	1.97	678	<4
LUA051	581	2	4.25	57	6	36	37	2.29	<15	1.72	31	37	2.29	661	<4
LUA052	754	2	1.73	96	7	102	20	2.56	<15	2.16	50	37	0.68	652	<4
LUA053	723	2	1.95	70	7	24	20	2.44	<15	2.10	37	35	0.83	587	<4
LUA054	733	2	1.95	74	7	25	21	2.42	<15	2.22	37	41	0.83	585	<4
LUA055	591	1	4.84	104	8	34	12	3.55	<15	1.60	55	35	1.32	676	<4
LUA056	776	2	2.85	82	7	23	15	2.90	<15	2.01	45	37	0.88	575	<4
LUA057	687	2	4.71	60	<4	15	6	2.40	<15	1.67	32	38	1.01	522	<4
LUA058	370	1	13.23	13	<4	16	8	1.79	<15	1.34	5	35	1.10	412	<4
LUA059	360	1	13.16	28	5	26	19	1.75	<15	1.28	13	36	1.08	397	<4
LUA060	554	2	7.08	51	5	24	17	2.13	<15	1.78	27	35	0.89	435	<4
LUA061	645	2	1.81	60	7	36	25	2.60	<15	2.09	34	45	0.85	618	<4
LUBA001	685	1	21.15	22	<4	10	6	0.69	<15	0.98	13	45	2.26	169	<4
LUBA002	622	1	8.44	45	4	21	10	1.68	<15	1.56	26	41	3.74	410	<4
LUBA003	601	1	9.49	39	4	19	13	1.63	<15	1.64	21	38	3.62	421	<4
LUBA004	668	1	3.61	78	6	6	4	2.34	<15	1.84	39	26	1.98	257	<4
LUBA005	613	1	8.08	68	4	21	10	1.59	<15	1.48	36	27	2.97	362	<4
LUBA006	738	2	4.78	59	5	19	13	1.75	15	2.08	30	37	2.35	428	<4
LUBA007	1009	2	1.78	110	5	20	8	2.15	<15	2.41	61	35	0.56	474	<4
LUBA008	601	2	1.51	59	5	23	13	2.17	<15	2.72	34	50	0.76	497	<4
LUBA009	671	2	4.95	46	5	25	12	2.26	<15	2.18	25	42	2.42	565	<4
LUBA010	646	2	1.93	78	7	33	11	2.63	<15	2.33	39	40	0.96	535	<4
LUBA011	649	1	6.70	46	4	22	20	1.67	<15	1.64	27	32	3.05	395	<4
LUBA012	684	2	2.48	101	13	70	15	3.57	<15	2.11	52	27	1.50	648	<4
LUBA013	636	2	2.55	73	10	52	14	2.76	<15	2.14	41	40	1.33	542	<4
LUBA014	301	1	0.56	31	<4	9	7	5.86	<15	0.37	14	56	0.28	98	7
LUBA015	803	2	5.76	72	8	37	12	2.38	<15	1.79	38	33	2.28	531	<4
LUBA016	650	1	4.02	53	6	24	17	2.09	<15	1.65	29	43	1.82	347	<4
LUBA017	646	2	3.36	64	6	22	11	2.54	<15	2.08	36	42	1.35	453	<4
LUBA018	760	2	5.72	69	5	26	8	2.14	<15	1.87	41	41	2.69	461	<4
LUBA019	665	2	3.77	53	5	23	11	2.07	<15	2.23	31	56	1.54	419	<4
LUBA020	605	1	8.34	37	4	20	17	1.54	<15	1.58	21	41	3.70	392	<4
LUBA021	624	2	6.87	71	5	23	17	2.05	<15	1.55	40	31	2.97	417	<4
LUBA022	459	1	10.61	35	4	17	11	1.31	<15	1.26	19	32	4.43	360	<4
LUBA023	665	1	9.48	47	4	17	12	1.48	<15	1.38	26	35	3.93	352	<4
LUBA024	631	1	7.48	48	4	15	11	1.50	<15	1.45	26	31	3.15	360	<4
LUBA025	602	2	1.88	55	7	29	16	2.28	<15	2.59	33	47	0.88	533	<4
LUBA026	643	3	1.92	61	6	26	14	2.40	<15	2.49	36	50	0.91	520	<4
LUBA027	660	2	2.28	92	8	36	15	2.86	<15	2.36	56	42	1.11	553	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	FB	SC	SR	TH	TI	V	Y	ZN	ZR
LUA0034	1.20	11	16	570	19	6	269	10	2776	57	14	74	70
LUA0035	0.95	15	8	568	16	5	290	19	2849	56	12	64	59
LUA0036	0.58	9	9	460	<10	3	153	8	1403	32	8	36	37
LUA0037	0.73	9	17	480	11	5	198	10	1800	43	11	50	48
LUA0038	0.67	8	14	593	<10	4	191	9	1735	42	10	46	45
LUA0039	1.33	9	18	656	19	6	302	12	2568	53	13	65	63
LUA0040	1.40	10	12	658	18	6	306	12	2690	54	13	66	67
LUA0041	1.75	16	9	437	18	6	362	22	3340	50	20	67	71
LUA0042	1.13	12	25	986	19	7	239	8	2992	70	18	102	84
LUA0043	1.09	9	22	741	19	6	217	6	2558	55	16	81	79
LUA0044	1.06	7	17	469	17	6	246	6	2608	55	14	70	73
LUA0045	0.92	8	15	446	12	5	187	4	2235	43	12	56	78
LUA0046	0.55	6	9	380	<10	4	125	6	1542	32	10	47	65
LUA0047	1.27	10	15	782	15	6	272	11	2436	56	16	71	71
LUA0048	2.06	13	8	504	16	6	441	10	3375	47	16	57	63
LUA0049	0.66	9	43	1258	15	10	206	11	2637	101	19	120	78
LUA0050	1.22	10	18	1002	16	6	250	10	2682	59	17	50	68
LUA0051	1.02	10	21	844	15	6	225	9	2473	58	17	105	67
LUA0052	1.67	14	56	599	24	6	341	17	3007	62	18	74	76
LUA0053	1.62	12	11	745	17	7	357	13	2732	59	18	80	88
LUA0054	1.72	12	13	732	19	7	361	18	2674	60	18	76	90
LUA0055	1.36	16	18	1025	<10	7	347	19	4801	109	20	87	73
LUA0056	1.85	14	13	521	11	7	420	11	3800	60	17	72	73
LUA0057	1.51	11	<2	672	<10	5	412	<2	2708	51	15	65	71
LUA0058	0.69	8	<2	885	<10	4	494	<2	1344	26	7	54	28
LUA0059	0.67	9	11	865	<10	5	492	16	1330	40	10	55	36
LUA0060	1.30	10	11	514	<10	5	297	13	2419	56	14	65	79
LUA0061	1.32	9	21	688	19	7	268	10	2837	64	17	82	82
LUBA001	0.97	10	7	201	<10	2	600	3	973	15	6	22	25
LUBA002	1.30	12	14	329	22	4	351	7	2092	41	10	43	51
LUBA003	1.20	11	10	388	20	4	303	11	1929	38	11	45	55
LUBA004	0.66	13	1	817	<10	7	159	12	5323	110	17	63	243
LUBA005	1.27	11	15	255	13	4	332	18	2022	46	11	45	45
LUBA006	1.70	13	12	288	16	4	332	13	2139	41	13	50	60
LUBA007	2.32	15	9	246	19	5	483	10	3020	52	14	55	63
LUBA008	2.26	14	11	360	18	6	360	9	2904	50	15	67	74
LUBA009	1.64	13	16	428	<10	5	330	6	2770	54	12	56	65
LUBA010	2.06	14	23	380	20	6	446	11	3386	55	15	63	72
LUBA011	1.58	9	15	257	10	4	353	7	2227	40	11	51	48
LUBA012	2.09	15	56	466	<10	8	509	10	4806	82	15	70	74
LUBA013	2.01	15	41	487	24	7	485	14	3696	61	14	58	71
LUBA014	0.26	7	5	361	25	2	80	3	1430	170	11	68	52
LUBA015	1.54	15	24	454	16	6	417	15	3472	53	13	55	61
LUBA016	1.21	9	14	460	19	5	451	13	2222	54	11	55	54
LUBA017	1.53	13	14	473	23	5	404	14	3122	50	13	55	65
LUBA018	1.82	11	17	351	<10	5	420	11	2825	56	12	45	55
LUBA019	1.84	12	15	429	14	5	488	8	2729	45	13	50	66
LUBA020	1.38	10	11	373	20	4	346	6	2009	36	10	44	48
LUBA021	1.43	12	14	278	14	4	341	14	2601	56	12	51	49
LUBA022	1.10	9	13	309	17	4	253	12	1643	32	9	38	40
LUBA023	1.27	11	11	245	18	4	340	9	1867	36	5	40	43
LUBA024	1.15	10	9	299	19	4	290	18	1785	37	10	41	46
LUBA025	2.29	14	24	405	17	6	443	12	2970	19	14	57	73
LUBA026	2.13	14	19	378	21	6	429	11	3067	53	17	64	75
LUBA027	2.22	16	24	577	17	7	500	9	4195	59	15	64	74

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-SP	CDCR	CON1	CON2	CON3	FORM
LUBA028	38.509	115.954	06	52980				2	1	1	2		5	8	QTRN
LUBA029	38.575	115.997	06	52980				2	1	1	2			8	QTRN
LUBA030	38.621	115.988	06	52980				3	1	1	2			8	QTRN
LUBA031	38.621	115.955	06	52980				2	1	1	2			8	QTRN
LUBA032	38.647	115.986	06	52980				3	1	1	2			8	QTRN
LUBA033	38.671	115.990	06	52980				3	1	1	2			8	QTRN
LUBA034	38.689	115.982	06	52980				4	1	1	2			8	QTRN
LUBA035	38.720	115.952	06	52980				4	1	1	2			8	QTRN
LUBA036	38.742	115.956	06	52980				3	1	1	2			8	QTRN
LUBA037	38.719	115.981	06	52980				3	1	1	2			8	QTRN
LUBA038	38.660	115.951	06	52980				3	1	1	2			8	QTRN
LUBA039	38.676	115.937	06	52980				3	1	1	2			8	QTRN
LUBA040	38.702	115.925	06	52980				3	1	1	2			8	QTRN
LUBA041	38.727	115.913	06	52980				3	1	1	2			8	QTRN
LUBA042	38.739	115.885	06	52980				2	1	1	2			8	QTRN
LUBA043	38.706	115.856	06	52980				2	1	1	2			8	QTRN
LUBA044	38.716	115.896	06	52980				3	1	1	2			8	QTRN
LUBA045	38.685	115.909	06	53080				3	1	1	2			8	QTRN
LUBA046	38.662	115.916	06	53080				3	1	1	2			8	QTRN
LUBA047	38.640	115.931	06	53080				3	1	1	2			8	QTRN
LUBA048	38.606	115.910	06	53080				3	1	1	2			8	QTRN
LUBA049	38.638	115.902	06	53080				2	1	1	2			8	QTRN
LUBA050	38.647	115.849	06	53080				2	1	1	2			8	QTRN
LUBA051	38.654	115.819	06	53080				2	1	1	2			8	QTRN
LUBA052	38.679	115.819	06	53080				3	1	1	2			8	QTRN
LUBA053	38.633	115.763	06	53080				3	1	1	2			8	QTRN
LUBA054	38.690	115.796	06	53080				3	1	1	2			8	QTRN
LUBA055	38.667	115.774	06	53080				3	1	1	2			8	QTRN
LUBA056	38.715	115.765	06	53080				3	1	1	2			8	QTRN
LUBA057	38.723	115.790	06	53080				3	1	1	2			8	QTRN
LUBA058	38.723	115.825	06	53080				2	1	1	2			8	QTRN
LUBA059	38.739	115.787	06	53080				3	1	1	2			8	QTRN
LUBA060	38.596	115.902	01	53080				3	1	1	2			5	TRTR
LUBB001	38.626	115.591	05	60180	11.0	290.00	2.60	4	5	3	2		8	8	QTRN
LUBB002	38.648	115.572	06	60180				4	1	1	2			8	QTRN
LUBB003	38.675	115.535	06	60180				4	1	1	2			8	QTRN
LUBB004	38.659	115.521	06	60180				4	1	1	2			8	QTRN
LUBB005	38.623	115.563	06	60180				4	1	1	2			8	QTRN
LUBB006	38.603	115.540	06	60180				4	1	1	2			8	QTRN
LUBB007	38.645	115.503	06	60280				4	1	1	2			8	QTRN
LUBB008	38.587	115.521	06	60280				3	1	1	2			8	QTRN
LUBB009	38.570	115.520	06	60280				4	1	1	2			8	QTRN
LUBB010	38.545	115.529	06	60280				2	1	1	2			8	QTRN
LUBB011	38.534	115.554	06	60280				4	1	1	2			2	QTRN
LUBB012	38.507	115.579	06	60280				4	1	1	2			2	QTRN
LUBB013	38.507	115.544	06	60280				4	1	1	2			8	QTRN
LUBB014	38.623	115.616	06	60280				4	1	1	2			8	QTRN
LUBB015	38.594	115.617	06	60280				4	1	1	2			2	QTRN
LUBB016	38.553	115.646	06	60280				4	1	1	2			2	QTRN
LUBB017	38.569	115.642	06	60280				4	1	1	2			2	QTRN
LUBB018	38.580	115.656	06	60280				4	1	1	2			2	QTRN
LUBB019	38.584	115.675	06	60280				4	1	1	2			2	QTRN
LUBB020	38.603	115.637	06	60280				4	1	1	2			9	QTRN
LUBB021	38.605	115.661	06	60280				4	1	1	2			9	QTRN
LUBB022	38.677	115.564	06	60280				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	OVEG	MAP	U-FL	AG	AL	B
LUBA028	10		45.00	10	1	1	2	3	1	NJ1106	3.21	<2	8.24	19
LUBA029	10		85.00	10	1	1	1	3	1	NJ1106	3.25	<2	8.15	12
LUBA030	10		85.00	10	1	1	1	3	1	NJ1106	3.50	<2	8.21	15
LUBA031	10		80.00	10	1	1	2	3	1	NJ1106	2.59	<2	8.38	16
LUBA032	10		70.00	10	1	1	1	3	1	NJ1106	2.48	<2	8.63	12
LUBA033	10		69.00	10	1	1	1	3	1	NJ1106	3.07	<2	8.41	11
LUBA034	10		60.00	10	1	1	1	3	1	NJ1106	2.50	<2	8.51	24
LUBA035	10		65.00	10	1	1	1	3	1	NJ1106	3.43	<2	8.73	11
LUBA036	10		70.00	10	1	1	1	3	1	NJ1106	3.55	<2	8.53	23
LUBA037	10		65.00	10	1	1	1	3	1	NJ1106	3.13	<2	8.45	22
LUBA038	10		65.00	10	1	1	1	3	1	NJ1106	2.57	<2	8.40	16
LUBA039	10		70.00	10	1	1	1	3	1	NJ1106	2.40	<2	8.35	18
LUBA040	10		65.00	10	1	1	1	3	1	NJ1106	3.12	<2	8.60	16
LUBA041	10		60.00	10	1	1	1	3	1	NJ1106	2.61	<2	8.48	21
LUBA042	10		50.00	10	1	1	2	3	1	NJ1106	2.67	<2	7.18	26
LUBA043	10		80.00	10	1	1	2	2	1	NJ1106	3.24	<2	9.39	15
LUBA044	10		80.00	10	1	1	2	3	1	NJ1106	3.12	<2	8.35	20
LUBA045	10		80.00	10	1	1	1	3	1	NJ1106	3.35	<2	8.13	18
LUBA046	10		95.00	10	1	1	2	3	1	NJ1106	3.02	<2	8.83	18
LUBA047	10		70.00	10	1	1	2	3	1	NJ1106	3.37	<2	8.52	23
LUBA048	10		80.00	10	1	1	1	3	1	NJ1106	4.38	<2	9.03	24
LUBA049	10		70.00	10	1	1	2	3	1	NJ1106	4.34	<2	7.96	22
LUBA050	10		45.00	10	1	1	1	3	1	NJ1106	2.27	<2	7.40	15
LUBA051	10		45.00	10	1	1	2	3	1	NJ1106	2.08	<2	4.51	16
LUBA052	10		35.00	10	1	1	2	2	1	NJ1106	2.18	<2	5.98	30
LUBA053	10		70.00	10	1	1	1	3	1	NJ1106	3.56	<2	7.91	33
LUBA054	10		50.00	10	1	1	1	3	1	NJ1106	4.30	<2	7.44	29
LUBA055	10		60.00	10	1	1	2	3	1	NJ1106	4.34	<2	8.30	26
LUBA056	10		70.00	10	1	1	2	3	1	NJ1106	1.54	<2	7.77	25
LUBA057	10		65.00	10	1	1	2	3	1	NJ1106	2.21	<2	7.01	22
LUBA058	10		50.00	10	1	1	2	2	2	NJ1106	3.68	<2	8.35	13
LUBA059	10		50.00	10	1	1	2	3	1	NJ1106	2.58	<2	5.84	43
LUBA060	10		80.00	10	1	1	2	3	1	NJ1106	7.21	<2	9.48	27
LUBB001	5	8.9	42.00	10	2	3	1	3	3	NJ1106	3.07	<2	6.42	106
LUBB002	10		40.00	10	1	1	1	3	3	NJ1106	3.83	<2	5.42	117
LUBB003	10		40.00	10	1	1	1	3	3	NJ1106	2.65	<2	6.16	94
LUBB004	10		52.00	10	1	1	1	3	3	NJ1106	1.65	<2	6.34	19
LUBB005	10		50.00	10	1	1	1	3	3	NJ1106	2.25	<2	5.79	17
LUBB006	10		52.00	10	1	1	1	3	3	NJ1106	2.16	<2	6.50	64
LUBB007	10		52.00	10	1	1	1	3	3	NJ1106	3.66	<2	5.77	17
LUBB008	10		42.00	10	1	1	1	3	3	NJ1106	2.23	<2	5.44	160
LUBB009	10		40.00	10	1	1	1	3	3	NJ1106	2.27	<2	4.38	27
LUBB010	10		18.00	10	1	1	1	3	3	NJ1106	1.40	<2	5.02	27
LUBB011	10		26.00	10	1	1	1	3	1	NJ1106	2.64	<2	4.87	224
LUBB012	10		42.00	10	1	1	1	3	1	NJ1106	1.63	<2	5.72	361
LUBB013	10		28.00	10	1	1	1	3	3	NJ1106	2.61	<2	4.24	24
LUBB014	10		42.00	10	1	1	1	3	3	NJ1106	3.38	<2	6.02	30
LUBB015	10		42.00	10	1	1	1	3	2	NJ1106	2.74	<2	6.46	212
LUBB016	10		50.00	10	1	1	1	3	2	NJ1106	2.68	<2	7.02	396
LUBB017	10		46.00	10	1	1	1	3	1	NJ1106	2.49	<2	6.01	230
LUBB018	10		48.00	10	1	1	1	3	2	NJ1106	2.21	<2	7.93	366
LUBB019	10		52.00	10	1	1	1	3	1	NJ1106	2.73	<2	6.50	634
LUBB020	10		42.00	10	1	1	1	3	3	NJ1106	2.69	<2	6.00	198
LUBB021	10		42.00	10	1	1	1	3	3	NJ1106	2.00	<2	4.06	156
LUBB022	10		50.00	10	1	1	1	3	3	NJ1106	2.13	<2	6.06	82

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	EA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUBA028	610	2	2.50	67	13	76	25	3.18	<15	2.11	17	40	1.56	673	<4
LUBA029	604	3	1.61	67	5	19	12	2.23	<15	2.61	15	54	0.70	497	<4
LUBA030	656	3	1.62	64	4	16	11	1.83	<15	2.45	16	47	0.45	438	<4
LUBA031	665	2	1.91	104	5	16	10	2.51	<15	2.38	56	47	0.50	589	<4
LUBA032	545	2	2.12	97	5	17	14	2.42	<15	2.32	53	35	0.52	510	<4
LUBA033	504	2	2.23	79	5	19	14	2.41	<15	2.12	44	15	0.57	466	<4
LUBA034	1005	2	1.71	67	5	22	14	2.27	<15	2.61	16	44	0.72	788	<4
LUBA035	1000	2	1.78	70	4	17	13	2.07	<15	2.69	19	41	0.55	569	<4
LUBA036	525	2	1.49	55	6	22	19	2.49	<15	2.57	30	51	0.91	725	<4
LUBA037	532	2	1.99	68	6	20	14	2.80	<15	2.15	16	40	0.77	534	<4
LUBA038	567	2	1.97	71	6	16	16	2.25	<15	2.42	18	42	0.67	488	<4
LUBA039	591	2	1.84	89	5	18	12	2.40	<15	2.29	51	35	0.59	501	<4
LUBA040	562	2	1.99	89	4	14	9	2.12	<15	2.34	50	34	0.55	510	<4
LUBA041	565	2	1.86	78	4	16	10	1.97	<15	2.44	44	15	0.51	468	<4
LUBA042	798	2	4.97	63	5	23	14	2.17	<15	1.94	15	40	2.02	512	<4
LUBA043	841	2	2.86	148	<4	6	4	2.64	<15	2.31	82	15	0.56	519	<4
LUBA044	550	2	1.80	77	5	16	13	2.06	<15	2.47	42	18	0.63	494	<4
LUBA045	512	2	2.14	75	6	18	13	2.48	<15	2.21	40	15	0.71	571	<4
LUBA046	582	2	2.19	74	5	13	10	2.99	<15	2.38	43	41	0.54	674	<4
LUBA047	569	2	1.99	75	4	20	16	2.09	<15	2.50	42	42	0.74	561	<4
LUBA048	741	3	1.53	83	4	13	12	1.75	<15	2.30	44	44	0.84	556	<4
LUBA049	1003	2	1.48	75	5	16	16	1.87	<15	2.61	40	15	0.52	568	<4
LUBA050	522	2	3.24	72	4	16	13	1.84	<15	2.42	17	15	1.39	475	<4
LUBA051	591	1	13.01	38	4	18	15	1.37	<15	1.28	19	15	3.53	335	<4
LUBA052	1418	1	9.81	76	5	28	18	1.94	<15	1.64	43	10	1.55	399	<4
LUBA053	500	2	2.08	79	5	15	14	2.07	<15	2.68	19	45	0.81	514	<4
LUBA054	736	2	1.77	51	4	14	16	1.75	<15	2.74	25	37	0.66	480	<4
LUBA055	1034	2	2.25	94	4	19	14	2.20	<15	2.67	51	44	0.72	568	<4
LUBA056	613	2	2.07	89	5	18	12	2.22	<15	2.38	46	15	0.83	508	<4
LUBA057	634	2	5.19	92	<4	16	10	1.76	<15	2.10	54	14	1.95	442	<4
LUBA058	530	2	2.28	156	4	14	9	2.12	<15	2.40	67	15	0.68	541	<4
LUBA059	1235	2	5.81	54	6	45	23	2.19	<15	1.50	31	14	1.92	364	5
LUBA060	466	5	1.32	80	<4	2	4	1.19	<15	1.97	45	12	1.02	452	<4
LUBB001	691	2	9.64	52	7	42	21	2.56	<15	1.80	27	53	2.66	557	<4
LUBB002	702	1	8.28	45	5	26	15	1.80	<15	1.87	23	53	2.71	412	<4
LUBB003	621	2	7.76	58	6	28	16	2.00	<15	1.79	10	78	2.09	489	<4
LUBB004	731	2	8.55	53	4	21	14	1.72	<15	2.23	10	65	2.39	460	<4
LUBB005	766	2	8.38	48	5	23	14	1.68	<15	1.76	25	64	2.17	401	<4
LUBB006	757	1	8.28	77	5	30	13	2.03	<15	2.08	43	65	2.15	444	<4
LUBB007	742	1	8.26	58	5	20	12	1.48	<15	1.88	33	50	2.24	389	<4
LUBB008	563	1	9.58	42	5	29	15	1.75	<15	2.07	25	125	2.39	465	<4
LUBB009	571	1	11.24	32	<4	13	8	1.00	<15	1.33	18	17	3.92	285	<4
LUBB010	535	1	11.21	45	5	19	13	1.53	15	1.52	23	45	3.14	386	<4
LUBB011	765	1	10.35	30	<4	16	10	1.22	<15	1.75	17	180	3.69	299	<4
LUBB012	734	1	9.10	39	4	30	16	1.91	<15	2.22	21	136	2.61	440	<4
LUBB013	417	1	13.27	40	4	20	10	1.36	<15	1.21	22	16	3.65	337	<4
LUBB014	669	2	7.81	47	4	26	14	1.73	<15	2.07	27	66	2.49	365	<4
LUBB015	535	2	7.51	47	5	30	16	1.89	<15	2.48	25	122	2.91	387	<4
LUBB016	654	2	4.77	48	7	36	20	2.62	<15	2.53	26	146	2.89	524	<4
LUBB017	606	2	7.23	52	6	36	19	2.24	<15	2.29	27	122	2.61	454	<4
LUBB018	1163	2	4.91	56	4	21	12	1.65	<15	2.78	33	110	1.81	344	<4
LUBB019	453	2	3.57	41	8	34	22	2.75	<15	2.67	21	200	3.07	564	<4
LUBB020	547	1	6.06	49	<4	17	9	1.23	<15	2.28	28	118	2.84	269	<4
LUBB021	416	1	8.05	26	4	16	13	1.30	<15	2.15	14	247	4.08	300	<4
LUBB022	663	2	8.68	49	5	23	15	2.01	<15	2.12	26	128	2.37	504	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUBA023	1.93	15	62	785	15	9	483	9	4495	75	16	65	97
LUBA029	2.35	16	10	335	19	5	409	8	2908	52	15	67	70
LUBA030	2.34	16	9	279	25	4	450	15	2422	44	16	55	65
LUBA031	2.44	16	8	326	30	5	503	30	4086	65	17	64	61
LUBA032	2.49	11	8	344	24	5	570	15	3411	60	14	61	57
LUBA033	2.30	13	8	402	14	5	563	17	3546	61	14	58	64
LUBA034	2.19	12	9	570	24	6	444	8	3114	57	15	66	77
LUBA035	2.45	11	10	432	15	5	489	11	2900	50	14	58	71
LUBA036	1.94	12	17	564	14	6	373	4	2924	55	14	74	85
LUBA037	1.52	11	15	657	12	6	427	12	3468	72	15	61	80
LUBA038	2.20	11	11	359	16	5	479	11	2793	49	14	61	63
LUBA039	2.15	12	9	289	23	5	496	15	3446	58	14	61	67
LUBA040	2.26	10	11	361	16	5	528	18	3057	47	14	55	60
LUBA041	2.25	11	10	353	14	5	502	13	2642	47	13	53	60
LUBA042	1.56	11	15	459	18	5	358	11	2514	58	12	64	59
LUBA043	2.43	16	6	418	14	6	702	24	5404	59	16	71	47
LUBA044	2.23	11	15	356	22	5	467	11	2668	49	13	58	64
LUBA045	1.97	11	13	414	18	5	459	9	3099	55	13	65	62
LUBA046	2.29	14	8	470	14	6	578	8	5621	62	13	73	54
LUBA047	2.22	12	13	364	24	5	463	14	2446	46	14	62	68
LUBA048	2.23	17	14	391	33	4	323	25	2067	36	20	66	64
LUBA049	2.37	11	13	333	15	5	410	12	2302	40	14	55	63
LUBA050	1.93	12	13	316	13	4	375	10	2221	39	13	56	60
LUBA051	1.05	12	15	280	<10	4	297	5	1561	41	5	45	40
LUBA052	1.37	12	22	335	<10	5	443	4	2240	69	12	62	45
LUBA053	2.06	14	9	437	25	5	421	11	2432	43	17	62	77
LUBA054	1.83	16	11	317	24	4	292	12	1775	38	20	61	74
LUBA055	2.33	13	13	468	20	5	487	13	2934	53	15	66	63
LUBA056	1.95	14	13	379	19	5	393	20	2902	52	15	61	59
LUBA057	1.75	12	11	353	14	4	407	14	2407	44	13	51	51
LUBA058	2.23	15	10	359	23	5	478	17	3242	50	16	60	59
LUBA059	0.99	10	31	577	12	6	304	11	2229	88	14	50	54
LUBA060	1.60	22	4	227	31	4	213	29	1238	19	24	56	77
LUBB001	0.67	12	39	894	17	7	520	9	2343	69	16	55	72
LUBB002	1.62	10	17	562	<10	5	543	9	1860	56	12	55	57
LUBB003	0.98	12	20	580	16	5	321	17	2057	49	14	67	64
LUBB004	1.38	10	15	626	<10	5	399	12	1975	41	13	55	56
LUBB005	1.30	11	15	547	12	5	465	6	1896	44	13	54	57
LUBB006	1.84	13	19	638	<10	6	515	11	2811	58	13	73	61
LUBB007	1.30	10	12	508	<10	4	383	7	1803	38	13	45	51
LUBB008	2.10	10	19	788	15	5	483	6	1932	53	14	68	59
LUBB009	1.14	10	6	425	<10	3	336	6	1256	26	9	27	36
LUBB010	1.04	12	14	496	10	4	334	9	1653	38	10	46	44
LUBB011	2.04	7	11	417	<10	3	782	8	1354	32	8	37	38
LUBB012	2.51	9	20	565	<10	5	594	9	1829	59	12	64	55
LUBB013	1.07	10	16	461	11	4	271	6	1769	34	10	40	37
LUBB014	1.27	10	18	603	15	5	655	6	1827	50	13	62	58
LUBB015	2.03	10	20	608	13	5	908	11	1876	60	12	63	59
LUBB016	3.00	11	26	527	15	7	477	14	2486	90	11	60	74
LUBB017	1.80	11	25	698	11	6	658	16	2134	70	14	60	69
LUBB018	2.66	8	16	417	19	4	684	8	1845	66	10	45	53
LUBB019	2.17	10	26	521	13	7	347	10	2056	120	10	51	76
LUBB020	2.02	8	10	323	14	4	981	7	1597	35	9	36	43
LUBB021	2.11	8	14	372	<10	3	1255	<2	1231	41	8	35	40
LUBB022	1.17	11	15	684	11	5	480	11	2000	45	13	65	61

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-SP	CCCR	CON1	CON2	CON3	FORM
LUBB023	38.731	115.537	06	60380				4	1	1	2			8	QTRN
LUBB024	38.744	115.555	06	60380				4	1	1	2			8	QTRN
LUBB025	38.720	115.574	06	60380				4	1	1	2			8	QTRN
LUBB026	38.693	115.577	06	60380				4	1	1	2			8	QTRN
LUBB027	38.706	115.546	06	60380				4	1	1	2			8	QTRN
LUBB028	38.708	115.513	06	60380				4	1	1	2			8	QTRN
LUBB029	38.697	115.527	06	60380				4	1	1	2			8	QTRN
LUBB030	38.667	115.597	06	60380				4	1	1	2			8	QTRN
LUBB031	38.683	115.606	06	60380				4	1	1	2			8	QTRN
LUBB032	38.706	115.602	06	60380				4	1	1	2			8	QTRN
LUBB033	38.698	115.621	06	60380				4	1	1	2			8	QTRN
LUBB034	38.714	115.630	06	60380				4	1	1	2			8	QTRN
LUBB035	38.731	115.641	06	60380				3	1	1	2			8	QTRN
LUBB036	38.728	115.664	06	60380				3	1	1	2			8	QTRN
LUBB037	38.701	115.670	06	60380				3	1	1	2			8	QTRN
LUBB038	38.687	115.675	06	60480				3	1	1	2			8	QTRN
LUBB039	38.665	115.697	06	60480				3	1	1	2			8	QTRN
LUBB040	38.513	115.602	07	60480				4	1	1	2			2	QTRN
LUBB041	38.531	115.631	07	60480				4	1	1	2			2	QTRN
LUBB042	38.561	115.669	07	60480				4	1	1	2			2	QTRN
LUBB043	38.580	115.696	06	60480				4	1	1	2			9	QTRN
LUBB044	38.537	115.734	06	60580				4	1	1	2			2	QTRN
LUBB045	38.576	115.733	06	60480				4	1	1	2			8	QTRN
LUBB046	38.557	115.740	06	60580				4	1	1	2			8	QTRN
LUBB047	38.600	115.744	06	60580				3	1	1	2			8	QTRN
LUBB048	38.627	115.741	06	60580				3	1	1	2			8	QTRN
LUBB049	38.632	115.717	06	60580				3	1	1	2			8	QTRN
LUBB050	38.611	115.723	06	60580				3	1	1	2			8	QTRN
LUBB051	38.593	115.718	06	60580				3	1	1	2			8	QTRN
LUBB052	38.605	115.696	06	60580				3	1	1	2			8	QTRN
LUBB053	38.619	115.671	06	60580				3	1	1	2			8	QTRN
LUBB054	38.627	115.693	06	60580				3	1	1	2			8	QTRN
LUBB055	38.641	115.737	06	60580				3	1	1	2			8	QTRN
LUBB056	38.644	115.710	06	60580				3	1	1	2			8	QTRN
LUBB057	38.668	115.723	06	60580				3	1	1	2			8	QTRN
LUBB058	38.691	115.740	06	60580				3	1	1	2			8	QTRN
LUBB059	38.735	115.711	06	60580				3	1	1	2			8	QTRN
LUBB060	38.730	115.733	06	60580				3	1	1	2			8	QTRN
LUBB061	38.711	115.736	06	60580				3	1	1	2			8	QTRN
LUBB062	38.712	115.709	06	60580				3	1	1	2			8	QTRN
LUBB063	38.741	115.677	06	60580				3	1	1	2			8	QTRN
LUBB064	38.718	115.686	06	60580				3	1	1	2			8	QTRN
LUBB065	38.702	115.692	06	60580				3	1	1	2			8	QTRN
LUBB066	38.696	115.709	06	60580				3	1	1	2			8	QTRN
LUBB067	38.679	115.701	06	60580				3	1	1	2			8	QTRN
LUBB068	38.668	115.654	06	60580				3	1	1	2			9	QTRN
LUBB069	38.642	115.645	06	60980				3	1	1	2			8	QTRN
LUBB070	38.738	115.509	06	60980				3	1	1	2			8	QTRN
LUBC001	38.738	115.472	07	50480				3	1	1	2			8	QTAL
LUBC002	38.708	115.482	07	50480				3	1	1	2			2	QTAL
LUBC003	38.695	115.458	06	50480				3	1	1	2			2	QTAL
LUBC004	38.678	115.488	06	50480				3	1	1	2			2	QTAL
LUBC005	38.677	115.457	06	50480				3	1	1	2			2	QTAL
LUBC006	38.661	115.457	06	50580				3	1	1	2			2	QTAL
LUBC007	38.645	115.457	06	50580				3	1	1	2			2	TRTG

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUBB023	10		50.00	10	1	1	1	3	3	NJ1106	2.09	<2	6.73	27
LUBB024	10		38.00	10	1	1	1	3	3	NJ1106	2.21	<2	5.71	12
LUBB025	10		52.00	10	1	1	1	3	3	NJ1106	1.74	<2	5.93	31
LUBB026	10		44.00	10	1	1	1	3	3	NJ1106	1.63	<2	6.03	82
LUBB027	10		52.00	10	1	1	1	3	3	NJ1106	1.72	<2	6.02	13
LUBB028	10		50.00	10	1	1	1	3	3	NJ1106	1.52	<2	6.83	53
LUBB029	10		46.00	10	1	1	1	3	3	NJ1106	3.18	<2	6.86	42
LUBB030	10		46.00	10	1	1	1	3	3	NJ1106	2.20	<2	6.55	69
LUBB031	10		44.00	10	1	1	1	3	3	NJ1106	2.10	<2	5.66	53
LUBB032	10		38.00	10	1	1	1	3	3	NJ1106	2.66	<2	6.34	18
LUBB033	10		46.00	10	1	1	1	3	3	NJ1106	1.84	<2	6.68	85
LUBB034	10		50.00	10	1	1	1	3	3	NJ1106	0.44	<2	6.44	25
LUBB035	10		58.00	10	1	1	1	3	3	NJ1106	2.55	<2	7.10	26
LUBB036	10		64.00	10	1	1	1	3	3	NJ1106	3.21	<2	7.10	25
LUBB037	10		66.00	10	1	1	1	3	3	NJ1106	2.57	<2	7.00	30
LUBB038	10		66.00	10	1	1	1	3	3	NJ1106	3.22	<2	7.57	37
LUBB039	10		56.00	10	1	1	1	3	3	NJ1106	2.77	<2	6.33	37
LUBB040	10		42.00	10	1	1	1	1	3	NJ1106	2.22	<2	5.03	418
LUBB041	10		40.00	10	1	1	1	1	3	NJ1106	2.42	<2	5.25	454
LUBB042	10		40.00	10	1	1	1	1	3	NJ1106	4.71	<2	6.09	541
LUBB043	10		40.00	10	1	1	1	3	1	NJ1106	4.12	<2	5.57	306
LUBB044	10		40.00	10	1	1	1	3	1	NJ1106	2.70	<2	5.49	374
LUBB045	10		50.00	10	1	1	1	3	3	NJ1106	2.54	<2	5.76	16
LUBB046	10		42.00	10	1	1	1	3	2	NJ1106	3.05	<2	5.66	350
LUBB047	10		50.00	10	1	1	1	3	3	NJ1106	2.41	<2	6.69	27
LUBB048	10		58.00	10	1	1	1	3	3	NJ1106	3.42	<2	7.20	35
LUBB049	10		62.00	10	1	1	1	3	3	NJ1106	2.72	<2	6.91	29
LUBB050	10		62.00	10	1	1	1	3	3	NJ1106	3.22	<2	7.25	18
LUBB051	10		56.00	10	1	1	1	3	3	NJ1106	2.80	<2	6.46	24
LUBB052	10		62.00	10	1	1	1	3	3	NJ1106	3.03	<2	6.71	84
LUBB053	10		62.00	10	1	1	1	3	3	NJ1106	2.88	<2	7.50	24
LUBB054	10		64.00	10	1	1	1	3	3	NJ1106	3.23	<2	7.25	27
LUBB055	10		64.00	10	1	1	1	3	3	NJ1106	2.72	<2	7.12	33
LUBB056	10		64.00	10	1	1	1	3	3	NJ1106	2.62	<2	7.33	31
LUBB057	10		56.00	10	1	1	1	3	3	NJ1106	2.57	<2	7.01	31
LUBB058	10		52.00	10	1	1	1	3	3	NJ1106	2.59	<2	6.80	20
LUBB059	10		72.00	10	1	1	1	3	3	NJ1106	3.16	<2	7.89	21
LUBB060	10		74.00	10	1	1	1	3	3	NJ1106	3.16	<2	7.32	21
LUBB061	10		68.00	10	1	1	1	3	3	NJ1106	2.51	<2	7.32	24
LUBB062	10		72.00	10	1	1	1	3	3	NJ1106	3.24	<2	7.43	23
LUBB063	10		62.00	10	1	1	1	3	3	NJ1106	2.53	<2	6.60	36
LUBB064	10		74.00	10	1	1	1	3	3	NJ1106	3.02	<2	7.52	27
LUBB065	10		72.00	10	1	1	1	3	3	NJ1106	3.61	<2	7.06	28
LUBB066	10		66.00	10	1	1	1	3	3	NJ1106	3.27	<2	6.85	43
LUBB067	10		58.00	10	1	1	1	3	3	NJ1106	3.14	<2	6.95	20
LUBB068	10		66.00	10	1	1	1	3	3	NJ1106	3.26	<2	6.80	31
LUBB069	10		50.00	10	1	1	1	3	2	NJ1106	3.79	<2	6.96	38
LUBB070	10		42.00	10	1	1	1	3	2	NJ1106	2.56	<2	5.83	44
LUBCC01	10		30.00	10	1	1	1	3	1	NJ1106	2.42	<2	6.15	35
LUBCC02	10		28.00	10	1	1	1	3	1	NJ1106	2.45	<2	6.33	43
LUBCC03	10		40.00	10	1	1	2	3	1	NJ1106	2.23	<2	6.63	57
LUBCC04	10		30.00	10	1	1	1	3	1	NJ1106	2.62	<2	6.60	29
LUBCC05	10		10.00	10	1	1	2	3	1	NJ1106	2.83	<2	5.15	29
LUBCC06	10		20.00	10	1	1	2	3	1	NJ1106	2.73	<2	5.31	11
LUBCC07	10		10.00	02	1	1	2	3	1	NJ1106	2.62	<2	4.65	39

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	PA	PE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUBB023	801	2	8.54	50	5	19	11	1.78	<15	2.17	29	54	2.40	476	<4
LUBB024	744	1	8.69	52	4	16	9	1.38	<15	1.65	28	28	2.03	338	<4
LUBB025	757	2	8.51	53	5	25	15	1.69	<15	1.75	27	50	1.86	500	<4
LUBB026	622	2	8.11	42	5	30	18	1.98	<15	1.86	22	65	2.04	501	<4
LUBB027	774	1	8.00	56	<4	16	10	1.53	<15	1.87	33	46	2.44	333	<4
LUBB028	638	2	6.38	65	5	20	12	1.78	<15	2.25	35	51	1.91	448	<4
LUBB029	667	2	5.86	61	4	19	10	1.70	<15	2.31	34	62	1.87	490	<4
LUBB030	855	2	7.40	52	6	39	20	2.22	<15	2.03	27	87	2.42	481	<4
LUBB031	659	1	7.82	65	4	27	13	1.69	<15	1.62	35	65	2.37	349	<4
LUBB032	1046	1	7.29	48	<4	16	10	1.24	<15	1.94	28	65	2.10	305	<4
LUBB033	526	2	6.35	48	<4	18	15	1.69	<15	2.49	26	57	2.28	498	<4
LUBB034	833	2	7.06	51	4	19	15	1.66	<15	2.24	26	85	2.50	441	<4
LUBB035	516	2	3.96	139	4	18	9	1.95	<15	1.90	73	32	0.97	439	<4
LUBB036	843	2	4.01	154	5	16	8	1.86	<15	1.84	86	32	0.95	460	<4
LUBB037	784	2	2.31	85	6	21	12	2.12	<15	2.02	35	44	1.06	496	<4
LUBB038	795	2	2.50	82	5	26	66	2.43	<15	2.26	40	55	1.38	531	<4
LUBB039	735	2	3.90	115	4	30	15	2.34	<15	1.72	60	44	1.63	422	<4
LUBB040	375	2	4.92	42	6	33	29	2.38	<15	1.72	17	127	2.73	466	<4
LUBB041	394	2	5.34	44	6	36	26	2.51	<15	1.82	19	136	2.88	489	<4
LUBB042	377	2	3.99	54	8	41	25	2.89	<15	2.28	20	182	3.37	553	<4
LUBB043	586	2	4.69	58	6	35	17	2.38	<15	1.93	29	124	2.76	464	6
LUBB044	607	2	6.62	53	5	27	16	2.02	<15	2.10	27	177	2.90	429	<4
LUBB045	665	2	6.58	61	<4	21	12	1.54	<15	1.66	32	28	2.69	330	<4
LUBB046	697	2	6.25	44	<4	22	15	1.76	22	2.21	23	151	2.87	425	<4
LUBB047	617	2	3.59	81	6	21	10	2.02	<15	1.98	42	36	1.49	453	<4
LUBB048	791	2	2.64	79	5	26	11	2.33	<15	2.31	43	50	1.13	534	<4
LUBB049	582	2	3.54	102	4	25	12	2.27	<15	2.07	57	34	0.82	455	<4
LUBB050	651	2	2.60	123	5	20	7	2.80	<15	2.22	67	41	1.01	594	<4
LUBB051	818	2	4.57	76	4	21	6	1.99	<15	1.97	43	38	1.81	418	<4
LUBB052	774	2	4.01	59	5	25	16	2.01	<15	2.14	32	58	1.23	451	<4
LUBB053	590	2	3.41	145	4	19	9	2.17	<15	2.00	66	34	0.93	415	<4
LUBB054	894	2	3.13	109	4	27	10	2.17	<15	2.26	60	44	1.07	441	<4
LUBB055	823	2	3.05	89	6	33	15	2.70	<15	2.19	47	46	1.31	560	<4
LUBB056	871	2	2.99	83	5	26	13	2.21	17	2.41	45	48	1.13	494	<4
LUBB057	775	2	3.38	97	5	27	10	2.17	15	1.96	54	36	1.36	496	<4
LUBB058	743	2	3.93	100	6	27	11	2.43	<15	1.84	54	34	1.25	502	<4
LUBB059	691	2	1.81	103	<4	17	7	1.85	<15	2.38	57	32	0.48	487	<4
LUBB060	508	2	1.55	98	4	17	9	1.94	<15	2.27	51	32	0.65	551	<4
LUBB061	759	2	1.54	107	4	16	12	1.71	<15	2.35	56	34	0.57	435	<4
LUBB062	688	2	1.62	74	<4	18	8	1.70	<15	2.54	37	36	0.68	456	<4
LUBB063	599	2	5.84	101	4	24	11	2.27	<15	1.85	55	44	1.30	503	<4
LUBB064	822	2	1.76	93	4	17	10	2.05	<15	2.33	51	35	0.80	516	<4
LUBB065	728	2	2.80	89	5	19	11	1.94	<15	2.08	41	35	1.04	501	<4
LUBB066	746	2	3.62	79	5	34	13	2.37	<15	2.08	42	48	1.58	497	<4
LUBB067	764	2	3.18	92	5	23	10	2.06	<15	2.14	49	42	1.11	457	<4
LUBB068	758	2	4.23	93	5	26	13	2.28	<15	2.07	52	50	1.45	470	<4
LUBB069	894	2	4.33	124	4	16	7	1.79	<15	2.26	71	35	1.04	340	<4
LUBB070	671	2	8.06	65	5	25	11	1.79	<15	1.83	33	42	2.05	452	<4
LUBC001	738	2	5.56	67	5	22	9	1.89	<15	1.87	37	41	1.66	439	<4
LUBC002	766	2	5.36	59	4	24	8	1.65	<15	2.08	34	46	1.74	448	<4
LUBC003	749	2	3.95	171	5	28	9	2.64	<15	2.39	94	45	1.28	560	<4
LUBC004	787	2	4.31	70	4	22	9	1.67	<15	2.34	35	42	1.31	410	<4
LUBC005	604	1	10.38	66	4	19	7	1.38	<15	1.44	36	30	1.69	304	<4
LUBC006	691	1	7.87	77	4	20	9	1.52	<15	1.52	47	30	2.61	338	<4
LUBC007	509	1	8.92	42	<4	21	8	1.44	<15	1.44	23	35	3.54	349	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PE	SC	SR	TH	TI	V	Y	ZK	ZR
LUB8023	1.50	11	16	565	16	5	443	5	2044	41	13	50	57
LUB8024	1.25	9	11	469	13	4	426	9	1689	33	12	41	46
LUB8025	1.17	10	15	665	11	5	478	14	1843	43	12	54	53
LUB8026	1.13	10	20	768	<10	5	475	<2	1994	51	12	67	62
LUB8027	1.33	9	12	437	17	4	419	9	2037	34	11	42	55
LUB8028	1.59	12	20	448	14	5	497	10	2142	44	13	64	59
LUB8029	1.66	11	12	471	17	4	467	11	2061	40	12	52	55
LUB8030	1.14	10	26	841	11	6	528	13	2258	65	15	75	71
LUB8031	1.27	13	16	497	15	5	662	14	2591	53	12	45	52
LUB8032	1.94	9	9	472	11	4	762	11	1743	32	11	44	45
LUB8033	1.84	10	10	850	14	4	669	9	1900	39	13	62	59
LUB8034	1.48	12	11	568	<10	4	671	12	1761	39	12	54	56
LUB8035	1.76	15	9	401	19	4	421	13	2596	48	14	46	47
LUB8036	1.63	14	7	323	22	4	426	15	2445	43	14	47	48
LUB8037	1.56	13	14	428	15	5	351	11	2387	47	14	56	52
LUB8038	1.67	15	13	557	15	6	341	9	2809	55	14	64	62
LUB8039	1.21	14	19	410	24	5	352	18	2732	59	14	58	56
LUB8040	2.94	9	20	381	<10	7	325	10	1747	76	11	75	59
LUB8041	2.62	10	19	433	14	8	350	6	1806	78	11	76	63
LUB8042	2.17	11	26	488	12	7	308	6	1998	92	10	64	66
LUB8043	2.08	11	20	469	19	6	412	6	2119	67	11	67	58
LUB8044	1.87	10	21	426	19	5	593	11	1891	55	12	55	55
LUB8045	1.33	11	15	273	<10	4	335	5	1785	41	12	43	42
LUB8046	1.61	12	14	414	11	5	429	<2	1831	53	12	52	51
LUB8047	1.44	16	11	324	<10	5	398	15	2653	48	14	56	61
LUB8048	1.60	16	14	463	<10	5	390	13	3062	56	16	71	68
LUB8049	1.50	16	14	401	<10	5	404	19	3328	68	16	65	62
LUB8050	1.67	18	9	374	<10	5	431	21	4404	70	18	76	66
LUB8051	1.52	15	10	335	<10	5	425	9	3006	51	13	52	55
LUB8052	1.69	14	14	417	<10	5	389	6	2209	56	14	70	63
LUB8053	1.83	16	8	364	<10	5	557	15	3545	57	16	55	51
LUB8054	1.72	15	16	455	<10	5	454	26	3150	60	16	62	64
LUB8055	1.44	17	18	623	<10	6	370	17	3632	73	17	78	77
LUB8056	1.68	15	14	497	<10	6	415	14	2888	59	15	68	67
LUB8057	1.39	17	14	480	<10	5	394	21	3011	56	15	67	63
LUB8058	1.30	19	16	430	<10	6	392	20	3507	62	15	65	64
LUB8059	2.00	17	8	304	<10	4	423	16	2582	41	16	56	60
LUB8060	1.65	13	9	365	<10	5	372	19	2280	43	14	61	59
LUB8061	1.70	14	9	306	<10	4	342	26	2055	38	17	56	55
LUB8062	1.78	14	10	259	<10	4	323	15	1995	36	17	55	56
LUB8063	1.32	19	15	431	<10	5	420	11	3161	57	15	65	64
LUB8064	1.75	18	10	418	<10	5	379	15	2711	47	17	65	62
LUB8065	1.40	18	11	400	<10	5	371	21	2279	43	18	65	66
LUB8066	1.37	17	19	599	<10	6	357	16	3085	64	16	71	73
LUB8067	1.50	14	12	370	<10	5	405	20	2564	50	15	60	61
LUB8068	1.37	15	14	489	<10	5	388	21	2942	61	16	70	62
LUB8069	1.74	16	9	382	<10	4	502	19	2755	48	15	45	53
LUB8070	1.02	17	13	592	<10	5	361	14	2245	43	13	64	61
LUBC001	1.17	15	12	503	<10	5	389	10	2678	49	13	55	63
LUBC002	1.38	14	13	480	<10	4	408	13	2156	42	13	50	59
LUBC003	1.38	26	9	466	<10	6	398	27	4698	87	21	70	72
LUBC004	1.37	15	12	414	<10	4	377	19	2043	39	14	61	59
LUBC005	1.05	16	12	296	<10	4	347	17	1841	36	11	47	47
LUBC006	1.17	15	7	363	<10	4	364	14	2303	42	11	47	45
LUBC007	0.95	13	10	398	<10	4	267	6	1850	37	10	55	47

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUBC008	38.640	115.494	07	50580				3	1	1	2			2	QTAL
LUBC009	38.625	115.458	06	50580				3	1	1	2			2	QTAL
LUBC010	38.614	115.496	07	50580				3	1	1	2			2	QTAL
LUBC011	38.593	115.473	06	50580				3	1	1	2			2	QTAL
LUBC012	38.554	115.498	06	50580				3	1	1	2			2	QTAL
LUBC013	38.517	115.498	06	50580				3	1	1	2			2	QTAL
LUBC014	38.503	115.456	06	50580				3	1	1	2			2	DVNN
LUBC015	38.515	115.261	06	50580				3	1	1	2			2	QTAL
LUBC016	38.547	115.253	06	50580				3	1	1	2			2	QTAL
LUBC017	38.579	115.255	06	50580				3	1	1	2			2	QTAL
LUBC018	38.608	115.263	07	50580				3	1	1	2			2	QTAL
LUBC019	38.600	115.297	07	50580				3	1	1	2			2	QTAL
LUBC020	38.578	115.324	06	50580				3	1	1	2			2	QTAL
LUBC021	38.555	115.326	06	50580				3	1	1	2			2	TRDS
LUBC022	38.532	115.324	06	50580				3	1	1	2			2	TRDS
LUBC023	38.501	115.317	06	50580				3	1	1	2			2	TRDS
LUBC024	38.517	115.344	07	50580				3	1	1	2			2	TRDS
LUBC025	38.532	115.353	06	50580				3	1	1	2			2	TRDS
LUBC026	38.556	115.296	06	50680				3	1	1	2			2	TRDS
LUBC027	38.600	115.344	06	50680				3	1	1	2			2	QTAL
LUBC028	38.582	115.354	06	50680				3	1	1	2			2	QTAL
LUBC029	38.577	115.384	06	50680				3	1	1	2			2	QTAL
LUBC030	38.560	115.387	06	50680				3	1	1	2			2	QTAL
LUBC031	38.541	115.382	06	50680				3	1	1	2			2	QTAL
LUBC032	38.524	115.385	07	50680				3	1	1	2			2	TRTW
LUBC033	38.574	115.430	07	50880				3	1	1	2			2	TRTW
LUBC034	38.544	115.436	06	50880				3	1	1	2			2	QTAL
LUBC035	38.520	115.425	06	50880				3	1	1	2			2	QTAL
LUBC036	38.595	115.403	06	50880				3	1	1	2			2	QTAL
LUBC037	38.615	115.419	06	50880				3	1	1	2			2	QTAL
LUBC038	38.631	115.324	06	50880				3	1	1	2			2	TRTW
LUBC039	38.637	115.355	06	50880				3	1	1	2			2	QTAL
LUBC040	38.668	115.348	06	50880				3	1	1	2			2	QTAL
LUBC041	38.637	115.405	06	50880				3	1	1	2			2	QTAL
LUBC042	38.678	115.383	06	50880				3	1	1	2			2	QTAL
LUBC043	38.697	115.426	06	50880				3	1	1	2			2	TRTS
LUBC044	38.709	115.398	06	50880				3	1	1	2			2	QTAL
LUBC045	38.722	115.443	06	50880				3	1	1	2			2	QTAL
LUBC046	38.748	115.425	06	50980				3	1	1	2			2	QTAL
LUBC047	38.743	115.383	06	50980				3	1	1	2			2	QTAL
LUBC048	38.726	115.361	06	50980				3	1	1	2			2	QTAL
LUBC049	38.743	115.232	06	50980				3	1	1	2			2	QTAL
LUBC050	38.704	115.344	06	50980				3	1	1	2			2	QTAL
LUBC051	38.689	115.325	06	50980				3	1	1	2			2	QTAL
LUBC052	38.686	115.296	06	50980				3	1	1	2			2	QTAL
LUBC053	38.702	115.269	06	50980				3	1	1	2			2	QTAL
LUBC054	38.744	115.260	06	50980				3	1	1	2			2	QTAL
LUBC055	38.686	115.264	06	50980				3	1	1	2			2	QTAL
LUBC056	38.651	115.271	06	50980				3	1	1	2			2	QTAL
LUBD001	38.520	115.029	06	50480				3	1	1	2			8	QTRN
LUBD002	38.520	115.068	06	50480				3	1	1	2			8	QTRN
LUBD003	38.520	115.117	06	50480				4	1	1	2			8	QTRN
LUBD004	38.539	115.111	06	50480				3	1	1	2			8	QTRN
LUBD005	38.563	115.123	06	50480				4	1	1	2			8	QTRN
LUBD006	38.564	115.095	06	50580				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	L-FL	AG	AL	B
LUBC008	10		28.00	10	1	1	2	3	1	NJ1106	2.51	<2	5.35	16
LUBC009	10		11.00	10	1	1	2	3	1	NJ1106	2.50	<2	5.39	20
LUBC010	10		21.00	10	1	1	2	3	1	NJ1106	2.20	<2	4.75	12
LUBC011	10		10.00	10	1	1	2	3	1	NJ1106	2.63	<2	4.59	<10
LUBC012	10		10.00	10	1	1	2	3	1	NJ1106	1.52	<2	4.61	12
LUBC013	10		9.00	10	1	1	2	3	1	NJ1106	2.24	<2	4.89	17
LUBC014	10		10.00	09	1	1	2	3	1	NJ1106	1.87	<2	3.16	21
LUBC015	10		12.00	10	1	1	2	3	1	NJ1106	2.04	<2	3.47	21
LUBC016	10		9.00	10	1	1	2	3	1	NJ1106	2.42	<2	3.88	23
LUBC017	10		15.00	10	1	1	2	3	1	NJ1106	1.99	<2	4.33	<10
LUBC018	10		18.00	10	1	1	2	3	1	NJ1106	2.53	<2	6.46	33
LUBC019	10		35.00	10	1	1	2	3	1	NJ1106	3.16	<2	5.94	37
LUBC020	10		19.00	10	1	1	2	3	1	NJ1106	2.57	<2	4.93	26
LUBC021	10		18.00	09	1	1	2	3	1	NJ1106	2.47	<2	4.39	27
LUBC022	10		32.00	09	1	1	2	3	1	NJ1106	3.33	<2	7.23	17
LUBC023	10		25.00	09	1	1	2	3	1	NJ1106	2.60	<2	6.30	13
LUBC024	10		35.00	09	1	1	2	3	1	NJ1106	2.35	<2	7.17	24
LUBC025	10		24.00	09	1	1	2	3	1	NJ1106	2.30	<2	7.46	14
LUBC026	10		10.00	09	1	1	2	3	1	NJ1106	6.40	<2	2.49	15
LUBC027	10		25.00	10	1	1	2	3	1	NJ1106	2.48	<2	5.41	32
LUBC028	10		26.00	10	1	1	2	3	1	NJ1106	2.63	<2	6.67	24
LUBC029	10		38.00	10	1	1	2	3	1	NJ1106	3.36	<2	6.57	25
LUBC030	10		15.00	10	1	1	2	3	1	NJ1106	3.52	<2	6.89	49
LUBC031	10		20.00	10	1	1	2	3	1	NJ1106	2.59	<2	9.74	53
LUBC032	10		28.00	09	1	1	2	3	1	NJ1106	3.68	<2	8.69	67
LUBC033	10		24.00	09	1	1	2	3	1	NJ1106	4.65	<2	6.59	64
LUBC034	10		25.00	10	1	1	2	3	1	NJ1106	3.86	<2	6.30	51
LUBC035	10		15.00	10	1	1	2	3	1	NJ1106	3.82	<2	6.61	57
LUBC036	10		39.00	10	1	1	2	3	1	NJ1106	3.57	<2	7.16	31
LUBC037	10		20.00	10	1	1	2	3	1	NJ1106	3.04	<2	6.85	26
LUBC038	10		9.00	07	1	1	2	3	1	NJ1106	1.58	<2	2.09	10
LUBC039	10		25.00	10	1	1	2	3	1	NJ1106	3.14	<2	5.78	27
LUBC040	10		35.00	10	1	1	2	3	1	NJ1106	3.61	<2	5.80	29
LUBC041	10		28.00	10	1	1	2	3	1	NJ1106	2.49	<2	6.86	27
LUBC042	10		20.00	10	1	1	2	3	1	NJ1106	2.53	<2	5.69	33
LUBC043	10		65.00	07	1	1	2	3	1	NJ1106	1.87	<2	7.10	23
LUBC044	10		18.00	10	1	1	2	3	1	NJ1106	2.31	<2	4.08	23
LUBC045	10		24.00	10	1	1	2	3	1	NJ1106	2.72	<2	5.93	71
LUBC046	10		35.00	10	1	1	2	3	1	NJ1106	2.78	<2	4.46	52
LUBC047	10		25.00	10	1	1	2	3	1	NJ1106	2.52	<2	6.04	39
LUBC048	10		18.00	10	1	1	2	3	1	NJ1106	2.46	<2	4.82	24
LUBC049	10		29.00	10	1	1	2	3	1	NJ1106	2.61	<2	5.64	30
LUBC050	10		20.00	10	1	1	2	3	1	NJ1106	2.35	<2	4.45	23
LUBC051	10		11.00	10	1	1	2	3	1	NJ1106	2.37	<2	3.78	15
LUBC052	10		9.00	10	1	1	2	3	1	NJ1106	2.52	<2	3.92	29
LUBC053	10		18.00	10	1	1	2	3	1	NJ1106	2.52	<2	5.11	30
LUBC054	10		16.00	10	1	1	2	3	1	NJ1106	2.42	<2	5.00	33
LUBC055	10		9.00	10	1	1	2	3	1	NJ1106	2.06	<2	3.21	20
LUBC056	10		15.00	10	1	1	2	3	1	NJ1106	2.43	<2	5.36	28
LUBD001	10		50.00	10	1	1	1	3	1	NJ1106	2.37	<2	5.07	27
LUBD002	10		45.00	10	1	1	1	3	1	NJ1106	3.04	<2	6.11	33
LUBD003	10		52.00	10	1	1	1	3	1	NJ1106	3.37	<2	6.58	44
LUBD004	10		55.00	10	1	1	1	3	1	NJ1106	2.57	<2	6.87	24
LUBD005	10		50.00	10	1	1	1	3	1	NJ1106	2.19	<2	6.01	39
LUBD006	10		55.00	10	1	1	1	3	1	NJ1106	2.21	<2	6.52	25

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MC
LUBC008	619	2	7.99	51	4	23	12	1.68	<15	1.59	29	34	2.42	390	<4
LUBC009	541	2	8.46	47	6	32	381	1.83	<15	1.50	25	27	2.35	429	<4
LUBC010	530	1	9.39	44	4	20	68	1.32	<15	1.31	23	26	2.77	333	<4
LUBC011	473	1	9.04	37	<4	19	26	1.46	<15	1.34	19	41	3.64	351	<4
LUBC012	533	1	9.01	47	<4	17	12	1.28	<15	1.31	24	31	3.49	311	<4
LUBC013	540	1	8.22	48	4	19	14	1.54	<15	1.42	25	26	3.24	381	<4
LUBC014	314	1	14.03	31	<4	17	8	1.13	<15	0.82	18	15	3.49	284	<4
LUBC015	349	1	12.37	43	<4	14	10	1.21	<15	0.97	21	20	4.69	334	<4
LUBC016	272	1	10.85	47	5	18	10	1.40	<15	1.06	23	22	4.30	407	<4
LUBC017	413	1	9.75	42	4	19	13	1.49	<15	1.24	23	25	4.11	431	<4
LUBC018	635	2	4.72	65	6	32	14	2.40	<15	1.81	34	32	1.74	491	<4
LUBC019	570	2	6.76	59	5	24	16	2.26	<15	1.72	31	36	1.44	454	<4
LUBC020	474	2	9.42	45	4	27	10	1.81	<15	1.29	24	26	2.89	435	<4
LUBC021	420	1	9.10	29	<4	17	12	1.45	<15	1.21	17	26	4.26	429	<4
LUBC022	763	2	1.79	80	4	19	12	2.20	<15	2.42	41	25	0.61	561	<4
LUBC023	645	1	4.47	69	7	24	5	2.78	<15	1.72	36	15	1.91	514	<4
LUBC024	705	2	1.62	76	6	20	18	2.29	<15	2.32	38	31	0.69	707	<4
LUBC025	724	2	2.29	138	8	36	9	4.20	<15	1.87	76	22	0.65	660	<4
LUBC026	235	1	14.29	16	<4	13	8	0.87	<15	0.62	8	18	5.15	269	<4
LUBC027	488	2	7.96	47	5	24	13	1.77	<15	1.50	24	30	1.92	388	<4
LUBC028	596	2	3.59	76	6	29	8	2.60	<15	1.94	41	25	1.34	556	<4
LUBC029	656	2	3.98	81	5	28	10	2.16	<15	1.97	44	46	0.93	486	<4
LUBC030	484	2	4.34	65	9	66	17	2.65	<15	1.41	35	55	1.12	464	<4
LUBC031	331	3	1.94	81	15	89	19	3.96	<15	1.24	42	90	1.06	596	<4
LUBC032	397	2	1.54	74	13	82	19	3.48	<15	1.35	41	77	0.94	583	<4
LUBC033	405	2	4.16	53	8	121	22	2.60	<15	1.57	32	54	0.91	512	6
LUBC034	474	2	2.58	59	8	59	17	2.50	<15	1.54	23	40	0.72	524	<4
LUBC035	446	2	2.87	54	8	63	17	2.40	<15	1.52	31	46	0.83	505	<4
LUBC036	734	2	1.93	70	5	28	12	2.32	<15	2.11	36	35	0.80	586	<4
LUBC037	629	2	2.64	84	4	21	17	1.99	16	2.16	49	37	0.62	395	<4
LUBC038	220	1	14.29	29	<4	10	18	0.67	<15	0.55	13	12	4.92	230	<4
LUBC039	533	2	5.07	71	6	33	19	1.94	<15	1.67	39	33	1.22	366	<4
LUBC040	521	2	5.24	67	6	34	24	1.39	<15	1.76	36	36	1.36	365	<4
LUBC041	663	2	3.26	60	6	30	37	2.00	<15	2.11	24	42	0.89	439	<4
LUBC042	502	2	5.95	56	6	33	19	1.96	<15	1.71	31	38	1.67	393	<4
LUBC043	663	2	3.04	70	<4	13	93	1.18	<15	2.39	40	35	0.76	230	<4
LUBC044	470	1	10.54	48	<4	14	15	1.17	<15	1.42	24	27	2.51	268	<4
LUBC045	587	2	5.36	56	5	23	59	1.41	<15	1.94	27	106	1.12	392	<4
LUBC046	555	1	9.49	66	<4	14	12	1.35	<15	1.72	37	125	2.46	309	<4
LUBC047	614	2	6.09	47	4	22	11	1.76	<15	2.21	27	46	1.32	377	<4
LUBC048	502	1	8.72	49	4	17	37	1.43	<15	1.62	26	25	2.10	357	<4
LUBC049	634	2	5.54	62	4	17	11	1.59	<15	1.87	33	32	1.66	367	<4
LUBC050	446	1	8.38	41	<4	15	55	1.28	<15	1.42	20	27	3.31	332	<4
LUBC051	382	1	10.65	33	<4	15	12	1.18	<15	1.20	16	25	3.62	305	<4
LUBC052	361	1	11.39	40	5	20	13	1.36	<15	1.14	15	22	2.36	317	<4
LUBC053	472	1	9.29	38	5	23	20	1.71	<15	1.61	20	35	1.60	381	<4
LUBC054	509	2	8.18	50	5	26	14	1.65	<15	1.49	26	25	1.80	380	<4
LUBC055	323	1	15.56	30	<4	15	23	1.08	<15	0.92	14	20	2.47	258	<4
LUBC056	542	2	8.12	46	4	22	13	1.66	<15	1.62	24	30	1.53	372	<4
LUBD001	474	1	7.62	47	5	29	12	1.81	<15	1.35	27	30	1.96	388	<4
LUBD002	639	1	4.99	59	5	26	13	2.16	<15	1.65	32	37	1.76	521	<4
LUBD003	728	2	2.66	69	6	28	24	2.35	<15	1.92	35	40	1.64	888	<4
LUBD004	663	1	2.29	46	<4	19	9	2.33	<15	2.52	25	42	1.44	821	<4
LUBD005	622	2	4.23	55	5	26	35	1.99	<15	2.14	31	40	1.56	633	<4
LUBD006	694	2	1.92	62	5	26	25	2.11	<15	2.22	37	32	1.07	397	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUBC008	1.04	14	13	501	<10	4	326	15	2174	43	13	55	55
LUBC009	0.88	16	59	534	16	5	263	12	2160	50	14	244	61
LUBC010	0.89	15	18	402	<10	4	283	14	1608	35	11	74	46
LUBC011	0.81	14	10	527	<10	4	313	8	1700	36	10	55	47
LUBC012	0.99	15	8	275	<10	4	327	5	1657	33	9	37	42
LUBC013	0.94	15	11	471	<10	4	311	13	2013	41	11	47	52
LUBC014	0.60	14	9	433	<10	3	327	4	1277	28	8	35	30
LUBC015	0.66	15	9	234	<10	3	171	9	1612	31	8	35	43
LUBC016	0.63	15	11	372	<10	4	181	14	1710	36	11	41	45
LUBC017	0.79	14	11	409	<10	4	196	15	1814	37	11	52	48
LUBC018	1.18	17	18	615	<10	6	300	16	3104	61	14	71	74
LUBC019	1.03	16	12	691	<10	6	483	13	2546	61	15	62	83
LUBC020	0.86	16	13	451	<10	5	250	9	2204	49	13	60	60
LUBC021	0.80	14	8	302	<10	4	188	2	1728	34	11	52	46
LUBC022	1.19	17	6	452	<10	5	397	18	3199	57	22	66	86
LUBC023	1.03	15	7	403	<10	8	365	13	3848	99	14	54	69
LUBC024	1.40	15	11	532	13	6	357	20	2720	56	17	76	70
LUBC025	1.34	20	12	593	<10	7	501	22	6644	159	15	110	75
LUBC026	0.44	12	7	168	<10	2	127	2	990	21	7	42	26
LUBC027	0.81	16	13	517	<10	5	290	7	1999	45	15	60	61
LUBC028	1.19	16	11	554	<10	7	320	18	3458	76	17	65	70
LUBC029	1.21	14	14	515	<10	5	359	15	2768	60	17	74	73
LUBC030	0.77	14	36	1214	<10	8	270	14	2913	92	19	107	76
LUBC031	0.42	15	50	764	<10	13	224	20	3925	128	21	56	93
LUBC032	0.50	13	46	987	<10	11	209	12	3741	116	22	105	97
LUBC033	0.71	14	61	2214	<10	8	227	10	2639	186	23	261	79
LUBC034	0.85	13	30	1089	<10	7	234	13	2711	92	19	107	82
LUBC035	0.75	12	31	1026	<10	7	216	11	2769	75	15	55	80
LUBC036	1.35	15	13	488	<10	5	324	16	2813	56	17	72	71
LUBC037	1.40	15	13	408	16	5	373	9	2621	59	13	56	56
LUBC038	0.40	12	9	111	15	2	133	9	798	21	5	31	21
LUBC039	0.94	14	19	642	17	5	307	13	2108	69	15	67	57
LUBC040	0.98	13	22	622	11	5	298	13	2037	69	15	67	55
LUBC041	1.17	12	16	454	24	6	319	10	2347	64	13	70	59
LUBC042	0.87	12	19	526	21	5	278	13	2188	69	14	67	58
LUBC043	1.68	10	8	148	18	3	460	9	1378	33	9	62	36
LUBC044	0.77	13	9	333	12	3	265	10	1470	35	10	35	42
LUBC045	1.59	13	26	341	18	4	556	8	1569	49	13	74	63
LUBC046	0.82	15	8	300	11	4	466	10	1808	41	11	40	50
LUBC047	1.19	12	9	397	20	5	329	10	2087	53	11	115	57
LUBC048	0.85	13	10	492	13	4	259	6	1641	41	11	50	45
LUBC049	0.88	13	9	455	16	4	240	14	1728	41	13	51	58
LUBC050	0.80	12	10	284	<10	4	244	7	1453	37	10	65	42
LUBC051	0.72	11	9	249	<10	3	201	5	1332	35	8	37	36
LUBC052	0.62	14	12	317	17	4	223	10	1468	42	9	40	42
LUBC053	0.85	12	14	419	10	5	259	11	1943	52	11	55	54
LUBC054	0.86	14	13	471	16	5	265	12	1935	52	11	55	54
LUBC055	0.55	15	8	274	<10	3	209	3	1211	35	8	41	34
LUBC056	0.97	14	13	374	13	5	295	7	1975	52	11	50	54
LUBD001	0.82	12	16	504	14	5	305	4	2141	62	13	53	51
LUBD002	1.18	10	84	679	<10	6	295	14	2557	42	15	77	62
LUBD003	1.38	10	16	1129	<10	6	327	19	2558	44	16	65	72
LUBD004	1.21	44	5	985	13	5	284	15	2699	51	12	75	70
LUBD005	1.06	12	12	919	15	5	375	9	2465	56	14	75	68
LUBD006	1.24	12	12	500	16	6	338	6	3120	63	13	66	75

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	OCCR	CON1	CON2	CON3	FORM
LUBD007	38.582	115.118	06	50580				4	1	1	2			8	QTRN
LUBD008	38.604	115.119	06	50480				4	1	1	2			8	QTRN
LUBD009	38.616	115.092	06	50480				4	1	1	2			8	QTRN
LUBD010	38.544	115.028	06	50480				3	1	1	2			8	QTRN
LUBD011	38.546	115.081	06	50480				4	1	1	2			8	QTRN
LUBD012	38.564	115.066	07	50480				4	1	1	2			8	QTRN
LUBD013	38.592	115.071	06	50580				4	1	1	2			8	QTRN
LUBD014	38.573	115.034	06	50480				3	1	1	2			8	QTRN
LUBD015	38.594	115.039	06	50480				3	1	1	2			8	QTRN
LUBD016	38.605	115.069	06	50480				4	1	1	2			8	QTRN
LUBD017	38.616	115.042	06	50480				3	1	1	2			8	QTRN
LUBD018	38.608	115.015	06	50880				2	1	1	2			8	QTRN
LUBD019	38.539	115.146	06	50880				4	1	1	2			8	QTRN
LUBD020	38.530	115.172	06	50880				4	1	1	2			8	QTRN
LUBD021	38.519	115.238	06	50980				4	1	1	2			8	QTRN
LUBD022	38.525	115.202	06	50980				4	1	1	2			8	QTRN
LUBD023	38.546	115.208	06	50980				4	1	1	2			8	QTRN
LUBD024	38.562	115.224	06	50980				3	1	1	2			8	QTRN
LUBD025	38.578	115.245	06	50980				2	1	1	2			8	QTRN
LUBD026	38.571	115.213	06	50980				3	1	1	2			8	QTRN
LUBD027	38.579	115.201	06	50980				3	1	1	2			8	QTRN
LUBD028	38.589	115.171	07	50980				4	1	1	2			8	QTRN
LUBD029	38.562	115.174	07	50980				4	1	1	2			8	QTRN
LUBD030	38.572	115.151	06	50980				4	1	1	2			8	QTRN
LUBD031	38.631	115.049	06	51180				2	1	1	2			8	QTRN
LUBD032	38.638	115.087	06	51180				4	1	1	2			8	QTRN
LUBD033	38.636	115.116	06	51180				4	1	1	2			8	QTRN
LUBD034	38.634	115.140	06	51180				4	1	1	2			8	QTRN
LUBD035	38.632	115.168	06	51180				4	1	1	2			8	QTRN
LUBD036	38.631	115.195	06	51180				3	1	1	2			8	QTRN
LUBD037	38.615	115.185	06	51180				2	1	1	2			8	QTRN
LUBD038	38.627	115.230	06	51180				3	1	1	2			8	QTRN
LUBD039	38.719	115.080	07	51280				4	1	1	2			8	QTRN
LUBD040	38.603	115.239	06	51180				3	1	1	2			8	QTRN
LUBD041	38.647	115.240	06	51180				3	1	1	2			8	QTRN
LUBD042	38.668	115.236	06	51180				2	1	1	2			8	QTRN
LUBD043	38.696	115.224	06	51180				4	1	1	2			8	QTRN
LUBD044	38.720	115.212	06	51180				4	1	1	2			8	QTRN
LUBD045	38.738	115.233	06	51180				2	1	1	2			8	QTRN
LUBD046	38.741	115.204	06	51180				3	1	1	2			8	QTRN
LUBD047	38.721	115.183	06	51180				4	1	1	2			8	QTRN
LUBD048	38.718	115.157	06	51180				4	1	1	2			8	QTRN
LUBD049	38.691	115.186	06	51180				4	1	1	2			8	QTRN
LUBD050	38.675	115.171	07	51180				4	1	1	2			8	QTRN
LUBD051	38.657	115.193	07	51180				4	1	1	2			8	QTRN
LUBD052	38.673	115.076	06	51280				3	1	1	2			8	QTRN
LUBD053	38.672	115.032	06	51280				2	1	1	2			8	QTRN
LUBD054	38.655	115.101	06	51280				4	1	1	2			8	QTRN
LUBD055	38.684	115.099	06	51280				4	1	1	2			8	QTRN
LUBD056	38.671	115.139	06	51280				4	1	1	2			8	QTRN
LUBD057	38.703	115.105	06	51280				4	1	1	2			8	QTRN
LUBD058	38.719	115.116	06	51280				4	1	1	2			8	QTRN
LUBD059	38.745	115.096	06	51280				4	1	1	2			8	QTRN
LUBD060	38.614	115.135	06	51280				4	1	1	2			8	QTRN
LUBD061	38.655	115.048	06	51280				2	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DJEG	MAP	U-FL	AG	AL	B
LUB0007	10		48.00	10	1	1	1	3	1	NJ1106	2.57	<2	6.14	35
LUB0008	10		50.00	10	1	1	1	3	1	NJ1106	2.50	<2	5.92	33
LUB0009	10		40.00	10	1	1	1	3	1	NJ1106	2.33	<2	3.56	51
LUB0010	10		48.00	10	1	1	1	3	1	NJ1106	2.53	<2	6.38	25
LUB0011	10		34.00	10	1	1	1	3	1	NJ1106	2.64	<2	5.70	31
LUB0012	10		40.00	10	1	1	1	3	1	NJ1106	2.68	<2	4.86	27
LUB0013	10		36.00	10	1	1	1	3	1	NJ1106	2.63	<2	5.06	30
LUB0014	10		35.00	10	1	1	1	3	1	NJ1106	2.57	<2	6.02	15
LUB0015	10		30.00	10	1	1	1	3	1	NJ1106	2.59	<2	5.58	24
LUB0016	10		38.00	10	1	1	1	3	1	NJ1106	1.57	<2	4.23	19
LUB0017	10		20.00	10	1	1	2	3	1	NJ1106	2.22	<2	5.18	23
LUB0018	10		35.00	10	1	1	1	3	1	NJ1106	2.47	<2	6.39	26
LUB0019	10		40.00	10	1	1	1	3	1	NJ1106	2.13	<2	5.03	21
LUB0020	10		50.00	10	1	1	1	3	1	NJ1106	2.68	<2	5.39	43
LUB0021	10		40.00	10	1	1	1	3	1	NJ1106		<2	5.25	14
LUB0022	10		50.00	10	1	1	1	3	1	NJ1106		<2	5.44	11
LUB0023	10		39.00	10	1	1	1	3	1	NJ1106		<2	5.49	36
LUB0024	10		32.00	10	1	1	1	3	2	NJ1106		<2	5.26	20
LUB0025	10		20.00	10	1	1	2	3	2	NJ1106		<2	5.11	25
LUB0026	10		40.00	02	1	1	2	3	1	NJ1106		<2	6.41	24
LUB0027	10		40.00	10	1	1	1	3	2	NJ1106		<2	6.47	31
LUB0028	10		40.00	10	1	1	1	3	1	NJ1106		<2	4.58	18
LUB0029	10		40.00	10	1	1	1	3	1	NJ1106		<2	5.56	17
LUB0030	10		45.00	10	1	1	1	3	1	NJ1106		<2	5.90	25
LUB0031	10		35.00	10	1	1	2	3	1	NJ1106		<2	4.71	27
LUB0032	10		40.00	10	1	1	1	3	1	NJ1106		<2	4.96	21
LUB0033	10		50.00	10	1	1	1	3	1	NJ1106		<2	6.72	36
LUB0034	10		55.00	10	1	1	1	3	1	NJ1106		<2	5.36	55
LUB0035	10		35.00	10	1	1	1	3	1	NJ1106		<2	5.72	32
LUB0036	10		40.00	10	1	1	1	3	1	NJ1106		<2	5.52	26
LUB0037	10		20.00	10	1	1	1	3	1	NJ1106	2.79	<2	4.13	20
LUB0038	10		20.00	10	1	1	1	3	1	NJ1106	2.51	<2	5.45	32
LUB0039	10		20.00	10	1	1	1	3	1	NJ1106	3.53	<2	5.39	62
LUB0040	10		25.00	10	1	1	2	3	1	NJ1106	3.42	<2	6.05	32
LUB0041	10		32.00	10	1	1	1	3	1	NJ1106	2.18	<2	6.53	32
LUB0042	10		35.00	10	1	1	1	3	1	NJ1106	1.74	<2	5.32	37
LUB0043	10		40.00	10	1	1	1	3	1	NJ1106	0.52	<2	5.67	20
LUB0044	10		40.00	10	1	1	1	3	1	NJ1106	2.71	<2	5.63	29
LUB0045	10		25.00	10	1	1	1	3	1	NJ1106	3.14	<2	6.10	34
LUB0046	10		22.00	10	1	1	1	3	1	NJ1106	3.09	<2	5.76	17
LUB0047	10		28.00	10	1	1	1	3	1	NJ1106	2.10	<2	5.27	20
LUB0048	10		50.00	10	1	1	1	3	1	NJ1106	2.49	<2	5.75	48
LUB0049	10		55.00	10	1	1	1	3	1	NJ1106	2.23	<2	5.57	30
LUB0050	10		50.00	10	1	1	1	3	1	NJ1106	2.03	<2	5.59	44
LUB0051	10		43.00	10	1	1	1	3	1	NJ1106	2.27	<2	5.00	25
LUB0052	10		54.00	10	1	1	1	3	1	NJ1106	3.38	<2	5.15	27
LUB0053	10		35.00	10	1	1	2	3	2	NJ1106	3.21	<2	5.11	40
LUB0054	10		65.00	10	1	1	1	3	1	NJ1106	2.43	<2	6.09	30
LUB0055	10		62.00	10	1	1	1	3	1	NJ1106	3.14	<2	6.74	29
LUB0056	10		54.00	10	1	1	1	3	1	NJ1106	2.67	<2	5.56	55
LUB0057	10		62.00	10	1	1	1	3	1	NJ1106	2.35	<2	6.01	33
LUB0058	10		53.00	10	1	1	1	3	1	NJ1106	3.30	<2	5.88	48
LUB0059	10		64.00	10	1	1	1	3	1	NJ1106	3.43	<2	6.59	31
LUB0060	10		60.00	10	1	1	1	3	1	NJ1106	3.38	<2	6.44	32
LUB0061	10		38.00	10	1	1	2	3	1	NJ1106	2.53	<2	6.14	34

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUBD007	626	2	3.57	59	5	26	16	2.01	<15	2.21	31	37	1.41	638	<4
LUBD008	617	2	4.14	63	5	26	14	1.93	<15	2.07	33	36	1.45	595	<4
LUBD009	299	1	8.33	35	<4	17	11	1.18	<15	1.09	19	26	3.82	338	<4
LUBD010	614	2	3.19	70	4	22	15	1.92	<15	2.05	37	31	1.20	464	<4
LUBD011	553	2	5.90	49	5	28	16	1.85	<15	1.85	25	36	1.40	548	<4
LUBD012	442	1	7.67	45	5	35	19	1.67	<15	1.42	25	25	1.05	393	<4
LUBD013	453	2	7.52	46	6	39	25	1.79	<15	1.48	25	31	1.08	417	<4
LUBD014	573	2	4.10	74	4	20	9	1.79	<15	1.72	40	26	0.92	383	<4
LUBD015	526	2	5.25	53	5	32	21	1.72	<15	1.75	30	31	1.54	356	<4
LUBD016	445	1	10.32	40	<4	18	26	1.28	<15	1.36	21	25	2.92	437	<4
LUBD017	513	1	7.64	43	4	21	12	1.65	<15	1.64	23	28	1.91	396	<4
LUBD018	653	2	3.35	61	5	24	18	1.99	<15	2.13	35	35	1.27	441	<4
LUBD019	499	2	6.97	62	4	25	27	1.71	<15	1.43	34	24	1.81	376	<4
LUBD020	505	2	6.88	58	5	26	24	1.90	<15	1.92	30	34	1.61	514	<4
LUBD021	502	2	8.57	47	5	23	15	1.84	<15	1.40	21	30	2.35	514	<4
LUBD022	568	2	7.38	48	5	26	12	1.73	<15	1.30	25	26	2.12	439	<4
LUBD023	567	2	7.24	45	4	24	13	1.71	<15	1.40	24	28	1.95	451	<4
LUBD024	456	2	7.06	38	5	32	14	1.88	<15	1.35	20	33	2.24	461	<4
LUBD025	415	2	8.25	46	6	33	13	1.83	<15	1.07	25	34	2.62	417	<4
LUBD026	649	2	3.76	53	5	30	14	2.11	<15	1.71	29	31	1.00	498	<4
LUBD027	347	2	1.38	44	<4	12	11	1.37	<15	2.14	20	28	0.61	485	<4
LUBD028	486	2	7.32	38	5	24	12	1.56	<15	1.30	20	25	2.25	424	<4
LUBD029	609	2	6.68	49	5	23	13	1.79	<15	1.36	27	25	1.82	480	<4
LUBD030	709	2	4.65	82	5	27	10	2.73	<15	1.52	46	31	1.28	442	<4
LUBD031	474	2	7.38	40	4	21	13	1.62	<15	1.27	21	26	2.76	471	<4
LUBD032	578	1	6.53	38	4	19	9	1.37	<15	1.37	21	31	2.40	385	<4
LUBD033	761	2	1.90	62	5	26	15	2.21	<15	1.89	34	31	1.13	790	<4
LUBD034	561	2	6.03	62	6	32	16	2.09	<15	1.49	32	42	1.81	493	<4
LUBD035	608	2	4.33	50	6	25	17	1.95	<15	1.52	27	34	1.91	672	<4
LUBD036	578	2	4.92	59	5	24	13	2.03	<15	1.45	31	27	2.12	484	<4
LUBD037	409	1	10.32	35	<4	16	11	1.44	<15	1.03	18	22	4.02	388	<4
LUBD038	519	2	6.12	40	5	24	12	1.85	<15	1.32	22	28	2.53	500	<4
LUBD039	405	2	5.38	46	6	47	20	2.13	<15	1.27	24	44	1.96	659	<4
LUBD040	597	2	5.16	53	6	28	14	2.05	<15	1.41	27	25	1.14	536	<4
LUBD041	696	2	4.32	53	6	26	13	2.18	<15	1.59	28	30	1.07	555	<4
LUBD042	572	2	8.47	51	6	30	12	1.91	<15	1.14	26	30	1.66	365	<4
LUBD043	600	2	7.89	49	5	27	10	1.79	<15	1.26	26	28	1.52	444	<4
LUBD044	632	2	7.19	59	5	27	11	1.86	<15	1.36	31	26	1.17	468	<4
LUBD045	631	2	6.79	48	6	26	15	2.10	<15	1.46	25	33	1.29	522	<4
LUBD046	631	2	7.08	51	6	25	14	1.93	<15	1.28	25	26	1.14	492	<4
LUBD047	652	2	9.30	44	6	32	12	1.70	<15	1.10	24	37	1.45	604	<4
LUBD048	612	2	6.33	48	5	32	15	2.05	<15	1.39	26	36	1.58	652	<4
LUBD049	602	2	6.75	48	6	28	14	1.99	<15	1.42	26	33	1.60	822	<4
LUBD050	568	2	6.55	50	5	26	14	1.88	<15	1.46	26	34	2.04	630	<4
LUBD051	501	2	7.72	46	5	22	11	1.78	<15	1.05	25	22	2.40	509	<4
LUBD052	509	2	8.66	41	5	26	12	1.77	<15	1.44	20	25	1.45	549	<4
LUBD053	440	2	7.97	46	6	37	16	1.92	<15	1.36	24	32	1.27	468	<4
LUBD054	691	2	4.13	60	5	24	11	2.02	<15	1.71	33	25	1.27	475	<4
LUBD055	736	2	2.49	67	5	25	12	2.26	<15	2.04	38	32	1.21	641	<4
LUBD056	592	2	6.66	56	6	28	17	2.12	<15	1.61	27	44	2.05	474	<4
LUBD057	700	2	5.54	59	6	26	13	1.96	<15	1.74	31	36	1.78	692	<4
LUBD058	697	2	5.97	63	6	26	13	2.04	<15	1.65	31	37	1.65	838	<4
LUBD059	775	2	3.93	68	5	25	12	2.20	<15	1.85	37	32	1.19	546	<4
LUBD060	732	2	3.60	72	6	29	11	1.94	<15	1.82	38	41	1.73	496	<4
LUBD061	615	2	5.70	52	6	29	16	1.98	<15	1.73	26	32	1.17	500	<4

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZK	ZR
LUBD007	1.10	12	14	1251	22	6	304	12	2366	57	14	74	66
LUBD008	1.08	13	13	897	12	6	346	14	2388	56	14	64	66
LUBD009	0.52	10	10	730	<10	3	533	2	1473	37	8	41	41
LUBD010	1.23	12	11	543	22	6	312	14	2352	55	14	55	60
LUBD011	0.92	11	16	669	13	5	298	11	1982	53	15	66	61
LUBD012	0.73	13	19	788	17	5	266	11	1975	61	14	66	61
LUBD013	0.72	14	21	789	<10	6	252	11	1969	65	15	72	60
LUBD014	1.17	14	10	418	17	5	337	13	2362	52	14	52	59
LUBD015	0.94	11	16	654	14	5	255	10	2026	55	14	66	57
LUBD016	0.79	12	11	354	<10	4	230	7	1618	39	10	45	41
LUBD017	0.98	12	10	444	14	5	263	7	2024	48	11	51	52
LUBD018	1.18	12	12	622	19	6	383	7	2889	60	13	60	72
LUBD019	0.90	15	13	523	24	5	273	9	2220	54	12	62	51
LUBD020	0.83	14	13	897	25	6	274	13	2174	57	13	74	59
LUBD021	0.81	16	15	751	14	5	231	14	1946	43	12	61	54
LUBD022	0.89	15	13	591	13	5	275	13	1906	43	12	61	52
LUBD023	0.95	14	12	591	<10	5	275	8	1839	41	12	55	52
LUBD024	0.82	14	16	726	11	5	223	7	1896	49	12	70	54
LUBD025	0.68	15	16	540	14	6	225	7	1938	51	12	60	51
LUBD026	1.22	14	13	720	15	5	302	8	2450	51	14	82	62
LUBD027	1.15	18	7	337	38	4	194	16	1122	23	28	65	55
LUBD028	0.79	13	14	646	11	4	231	9	1870	40	11	54	50
LUBD029	0.89	14	14	703	14	5	286	12	2088	42	12	55	57
LUBD030	1.12	25	10	624	16	6	422	12	6725	79	14	65	84
LUBD031	0.83	13	10	609	15	4	220	8	1875	37	11	55	48
LUBD032	0.98	11	8	482	12	4	350	5	1919	33	10	41	44
LUBD033	1.25	15	10	1080	19	6	321	12	2980	52	14	76	78
LUBD034	0.79	17	14	1107	17	6	444	15	2745	52	14	74	67
LUBD035	0.96	14	15	801	20	5	286	10	2164	44	13	70	59
LUBD036	0.96	14	13	576	16	5	258	15	2379	50	12	66	54
LUBD037	0.70	14	9	374	<10	4	184	5	1713	35	9	47	43
LUBD038	0.87	14	13	500	<10	5	224	3	2002	45	13	65	55
LUBD039	0.55	12	26	1624	<10	6	235	8	2106	61	16	100	62
LUBD040	0.99	15	17	641	<10	6	288	10	2289	52	15	80	61
LUBD041	1.15	15	14	536	<10	6	315	9	2522	52	14	66	62
LUBD042	0.83	16	18	393	<10	5	318	16	2154	52	13	62	56
LUBD043	0.92	16	16	467	<10	5	313	6	2051	47	13	60	55
LUBD044	0.93	16	13	614	<10	5	329	9	2240	50	14	71	55
LUBD045	1.00	15	13	601	<10	6	295	11	2338	50	13	74	61
LUBD046	0.90	16	15	516	<10	5	292	9	2148	47	13	66	57
LUBD047	0.80	15	20	520	<10	5	428	7	1956	48	14	62	51
LUBD048	0.88	14	18	878	<10	6	315	15	2291	52	15	82	63
LUBD049	0.84	14	17	764	<10	5	324	15	2044	49	15	81	58
LUBD050	0.93	15	16	805	<10	5	315	15	2170	48	14	68	60
LUBD051	0.68	15	21	513	<10	5	257	11	2003	47	13	67	56
LUBD052	0.86	15	14	818	<10	5	314	11	1951	44	13	61	54
LUBD053	0.77	15	21	967	<10	5	240	9	2153	54	14	67	57
LUBD054	1.18	17	13	718	<10	5	383	15	3308	56	13	61	68
LUBD055	1.34	15	13	873	<10	6	346	14	3608	60	15	72	79
LUBD056	1.04	14	16	846	<10	6	462	13	2296	49	14	72	73
LUBD057	1.07	16	12	841	<10	5	372	11	2555	48	14	65	72
LUBD058	0.98	16	12	962	<10	6	434	15	2502	49	15	65	77
LUBD059	1.30	17	11	872	<10	6	409	12	3800	62	14	66	81
LUBD060	1.15	15	12	629	<10	6	397	13	2789	51	13	62	72
LUBD061	1.09	15	19	640	<10	5	295	12	2230	49	14	66	63

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	ODCR	CON1	CON2	CON3	FORM
LUBD062	38.689	115.054	06	51280				2	1	1	2			8	QTRN
LUBD063	38.720	115.040	06	51280				3	1	1	2			8	QTRN
LUBD064	38.729	115.003	06	51280				2	1	1	2			8	QTRN
LUBD065	38.712	115.007	06	51280				3	1	1	2			8	QTRN
LUBE001	38.516	114.838	06	42080				3	1	1	2			8	QTRN
LUBE002	38.534	114.826	06	42080				2	1	1	2			8	QTRN
LUBE003	38.551	114.815	06	42080				2	1	1	2			8	QTRN
LUBE004	38.566	114.808	06	42080				2	1	1	2			8	QTRN
LUBE005	38.606	114.780	06	42080				2	1	1	2			8	QTRN
LUBE006	38.615	114.755	06	42080				2	1	1	2			5	QTRN
LUBE007	38.644	114.782	06	42080				2	1	1	2			8	QTRN
LUBE008	38.641	114.800	06	42080				2	1	1	2			8	QTRN
LUBE009	38.643	114.795	06	42080				2	1	1	2		8	5	QTRN
LUBE010	38.634	114.844	06	42080				2	1	1	2			8	QTRN
LUBE011	38.743	114.837	06	42080				2	1	1	2			8	QTRN
LUBE012	38.508	114.960	06	50880				2	1	1	2			8	QTRN
LUBE013	38.519	114.979	06	50880				2	1	1	2			8	QTRN
LUBE014	38.537	114.941	06	50880				2	1	1	2			8	QTRN
LUBE015	38.548	114.903	06	50880				2	1	1	2			8	QTRN
LUBE016	38.551	114.924	06	50880				2	1	1	2			8	QTRN
LUBE017	38.571	114.911	06	50880				3	1	1	2			8	QTRN
LUBE018	38.603	114.906	06	50880				3	1	1	2			8	QTRN
LUBE019	38.583	114.890	06	50880				3	1	1	2			8	QTRN
LUBE020	38.536	114.972	06	50880				2	1	1	2			8	QTRN
LUBE021	38.575	114.934	06	50880				2	1	1	2			8	QTRN
LUBE022	38.558	114.952	06	50880				3	1	1	2			8	QTRN
LUBE023	38.557	114.987	06	50880				3	1	1	2			8	QTRN
LUBE024	38.574	114.964	06	50880				2	1	1	2			8	QTRN
LUBE025	38.574	114.963	01	50880				4	1	1	2		8	5	QTRN
LUBE026	38.575	114.990	06	50880				3	1	1	2			8	QTRN
LUBE027	38.600	114.977	06	50880				2	1	1	2			8	QTRN
LUBE028	38.530	114.998	06	50880				3	1	1	2			8	QTRN
LUBE029	38.616	114.993	06	50880				2	1	1	2			8	QTRN
LUBE030	38.574	114.869	06	50880				2	1	1	2			8	QTRN
LUBE031	38.597	114.868	06	50880				3	1	1	2			8	QTRN
LUBE032	38.614	114.855	06	50880				3	1	1	2			8	QTRN
LUBE033	38.592	114.838	06	51380				2	1	1	2			8	QTRN
LUBE034	38.588	114.797	06	51380				4	1	1	2			8	QTRN
LUBE035	38.567	114.787	06	51380				2	1	1	2			8	QTRN
LUBE036	38.543	114.784	06	51380				3	1	1	2			8	QTRN
LUBE037	38.523	114.782	06	51380				3	1	1	2			8	QTRN
LUBE038	38.502	114.783	06	51380				3	1	1	2			8	QTRN
LUBE039	38.517	114.756	06	51380				2	1	1	2			8	QTRN
LUBE040	38.570	114.759	06	51380				2	1	1	2			8	QTRN
LUBE041	38.593	114.768	06	51380				3	1	1	2			8	QTRN
LUBE042	38.667	114.892	06	71180				4	1	1	2			8	QTRN
LUBE043	38.666	114.942	06	71180				4	1	1	2			8	QTRN
LUBE044	38.693	114.911	06	71180				4	1	1	2			8	QTRN
LUBE045	38.718	114.893	06	71180				4	1	1	2			8	QTRN
LUBE046	38.723	114.922	06	71180				4	1	1	2			8	QTRN
LUBF001	38.612	114.538	06	42380				3	1	1	2			8	QTRN
LUBF002	38.569	114.536	06	42380				3	1	1	2			8	QTRN
LUBF003	38.516	114.539	06	42380				4	1	1	2			8	QTRN
LUBF004	38.526	114.558	06	42380				3	1	1	2			8	QTRN
LUBF005	38.576	114.559	07	42380				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUBD062	10		65.00	10	1	1	2	3	1	NJ1106	2.34	<2	5.31	23
LURD063	10		40.00	10	1	1	1	4	2	NJ1106	2.55	<2	5.26	35
LUBD064	10		45.00	10	1	1	2	3	1	NJ1106	2.65	<2	3.64	28
LUBD065	10		35.00	10	1	1	3	3	1	NJ1106	9.56	<2	3.94	75
LUBE001	10		34.00	10	1	1	1	3	2	NJ1106	2.01	<2	6.51	30
LUBE002	10		26.00	10	1	1	2	3	2	NJ1106	2.08	<2	6.31	24
LUBE003	10		34.00	10	1	1	2	3	2	NJ1106	1.57	<2	4.85	20
LUBE004	10		46.00	10	1	1	1	3	2	NJ1106	1.57	<2	7.41	24
LUBE005	10		40.00	10	1	1	1	3	2	NJ1106	2.60	<2	7.09	28
LUBE006	10		18.00	10	1	1	4	3	2	NJ1106	2.67	<2	6.39	20
LUBE007	10		28.00	10	1	1	2	3	2	NJ1106	2.23	<2	5.95	17
LUBE008	10		30.00	10	1	1	1	3	2	NJ1106	2.35	<2	6.17	21
LUBE009	10		28.00	10	1	1	2	3	2	NJ1106	2.60	<2	6.32	26
LUBE010	10		36.00	10	1	1	2	3	2	NJ1106	2.67	<2	6.29	29
LUBE011	10		40.00	10	1	1	2	3	2	NJ1106	1.83	<2	5.83	16
LUBE012	10		20.00	10	1	1	2	3	2	NJ1106	1.58	<2	4.75	33
LUBE013	10		50.00	10	1	1	1	3	1	NJ1106	1.67	<2	4.76	20
LUBE014	10		40.00	10	1	1	2	4	1	NJ1106	1.88	<2	4.48	28
LUBE015	10		38.00	10	1	1	2	4	2	NJ1106	1.56	<2	4.97	26
LUBE016	10		49.00	10	1	1	2	4	2	NJ1106	2.72	<2	6.30	15
LUBE017	10		40.00	10	1	1	2	4	2	NJ1106	2.51	<2	6.82	17
LUBE018	10		65.00	10	1	1	2	4	2	NJ1106	4.50	<2	7.42	17
LUBE019	10		50.00	10	1	1	2	4	2	NJ1106	1.65	<2	5.39	23
LUBE020	10		50.00	10	1	1	2	3	1	NJ1106	2.27	<2	5.02	11
LUBE021	10		60.00	10	1	1	2	4	2	NJ1106	2.50	<2	7.24	16
LUBE022	10		60.00	10	1	1	2	4	1	NJ1106	2.51	<2	7.01	23
LUBE023	10		60.00	10	1	1	1	3	2	NJ1106	2.67	<2	5.69	24
LUBE024	10		45.00	10	1	1	2	4	1	NJ1106	3.44	<2	4.50	20
LUBE025	10		48.00	10	1	1	2	4	1	NJ1106	11.00	<2	3.07	14
LUBE026	10		35.00	10	1	1	2	3	1	NJ1106	2.55	<2	5.05	15
LUBE027	10		28.00	10	1	1	2	4	2	NJ1106	3.15	<2	4.76	<10
LUBE028	10		48.00	10	1	1	1	3	1	NJ1106	1.51	<2	5.22	<10
LUBE029	10		35.00	10	1	1	2	4	2	NJ1106	2.60	<2	4.10	19
LUBE030	10		38.00	10	1	1	2	4	2	NJ1106	1.63	<2	4.80	18
LUBE031	10		45.00	10	1	1	1	3	2	NJ1106	2.21	<2	5.58	17
LUBE032	10		38.00	10	1	1	1	3	2	NJ1106	3.47	<2	6.67	23
LUBE033	10		60.00	10	1	1	2	2	2	NJ1106	2.69	<2	5.64	18
LUBE034	10		49.00	10	1	1	2	4	2	NJ1106	2.49	<2	7.68	31
LUBE035	10		59.00	10	1	1	1	3	1	NJ1106	2.67	<2	6.56	16
LUBE036	10		50.00	10	1	1	1	3	1	NJ1106	3.07	<2	5.89	18
LUBE037	10		48.00	10	1	1	1	3	1	NJ1106	1.74	<2	6.68	21
LUBE038	10		45.00	10	1	1	1	3	1	NJ1106	2.43	<2	5.52	24
LUBE039	10		45.00	10	1	1	2	2	2	NJ1106	2.75	<2	6.23	20
LUBE040	10		48.00	10	1	1	2	2	2	NJ1106	2.56	<2	6.00	22
LUBE041	10		45.00	10	1	1	2	2	2	NJ1106	2.42	<2	6.41	14
LUBE042	10		45.00	10	1	1	1	3	3	NJ1106	1.39	<2	5.99	37
LUBE043	10		45.00	10	1	1	2	2	3	NJ1106	2.63	<2	6.19	32
LUBE044	10		35.00	10	1	1	1	3	3	NJ1106	2.19	<2	5.61	28
LUBE045	10		40.00	10	1	1	1	3	3	NJ1106	2.20	<2	5.57	25
LUBE046	10		30.00	10	1	1	1	3	3	NJ1106	2.50	<2	5.65	30
LUBF001	10		62.00	10	1	1	1	3	2	NJ1106	2.61	<2	6.68	14
LUBF002	10		62.00	10	1	1	1	4	2	NJ1106	2.12	<2	5.01	20
LUBF003	10		72.00	10	1	1	1	3	2	NJ1106	1.69	<2	7.24	19
LUBF004	10		65.00	10	1	1	1	3	2	NJ1106	2.20	<2	5.93	30
LUBF005	10		60.00	10	1	1	1	3	2	NJ1106	2.50	<2	7.74	19

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUBD062	530	2	7.95	51	5	25	12	1.73	<15	1.36	27	28	1.74	429	<4
LUBD063	464	2	5.34	52	6	40	14	2.02	<15	1.33	28	32	0.99	477	<4
LUBD064	334	1	8.06	38	4	31	11	1.50	<15	0.87	22	26	1.55	326	<4
LUBD065	526	1	4.64	38	7	324	79	1.79	<15	0.82	56	35	0.96	239	<4
LUBE001	524	2	3.44	58	6	28	18	2.39	<15	1.73	30	29	1.24	601	<4
LUBE002	506	2	5.01	65	6	27	16	2.34	<15	1.66	35	30	2.01	528	<4
LUBE003	480	1	7.64	54	5	20	11	1.86	<15	1.07	29	20	3.36	387	<4
LUBE004	593	2	1.55	71	7	28	17	2.46	<15	1.97	38	35	0.92	658	<4
LUBE005	568	2	1.58	74	7	27	22	2.50	<15	2.05	35	31	0.66	622	<4
LUBE006	502	2	3.42	70	9	33	38	2.62	<15	2.02	33	26	0.82	747	<4
LUBE007	528	2	1.01	89	8	26	21	2.91	<15	1.89	45	31	0.49	663	<4
LUBE008	515	2	1.23	87	6	27	32	2.95	<15	1.98	45	30	0.50	494	<4
LUBE009	515	2	1.64	72	7	28	21	2.64	<15	1.76	38	26	0.76	678	<4
LUBE010	517	2	4.91	59	6	27	15	2.15	<15	1.66	31	32	0.95	505	<4
LUBE011	536	2	5.21	96	9	31	11	4.22	<15	1.31	52	23	1.21	662	<4
LUBE012	430	1	9.67	38	4	23	13	1.65	<15	1.40	18	26	1.63	449	<4
LUBE013	456	1	9.20	49	5	23	13	1.71	<15	1.31	24	25	1.64	508	<4
LUBE014	389	1	7.77	37	4	21	13	1.60	<15	1.29	18	25	3.16	426	<4
LUBE015	430	2	8.43	44	4	20	14	1.74	<15	1.22	21	26	2.43	433	<4
LUBE016	546	2	5.18	63	4	15	8	1.91	<15	1.61	35	24	1.97	439	<4
LUBE017	545	2	3.65	83	4	17	9	2.35	<15	1.58	46	26	1.46	486	<4
LUBE018	508	2	2.43	435	6	17	6	3.87	<15	2.30	241	22	0.72	645	<4
LUBE019	502	2	7.34	47	4	19	11	1.67	<15	1.33	25	26	2.65	460	<4
LURE020	440	1	6.83	84	6	20	8	2.34	<15	1.15	44	20	2.43	457	<4
LURE021	576	2	1.94	106	4	13	15	2.07	<15	1.94	56	26	0.51	559	<4
LURE022	545	2	2.47	74	4	18	10	2.04	<15	1.86	37	31	0.65	484	<4
LURE023	541	2	5.78	64	5	25	14	1.92	<15	1.58	32	25	1.10	452	<4
LURE024	413	1	8.28	33	4	30	12	1.51	<15	1.38	19	34	1.14	364	<4
LURE025	175	9	7.84	18	20	114	79	9.98	<15	0.77	14	35	0.70	397	<4
LURE026	442	1	7.71	42	6	34	11	1.72	<15	1.22	23	30	1.04	387	<4
LURE027	317	1	8.67	39	6	55	14	1.89	<15	1.05	23	36	0.70	363	<4
LURE028	517	2	7.10	54	4	21	12	1.85	<15	1.38	28	24	1.92	410	<4
LURE029	335	1	9.55	38	4	27	10	1.49	<15	0.96	20	27	3.54	354	<4
LURE030	439	1	7.24	60	5	20	9	1.92	<15	1.17	33	22	3.26	461	<4
LURE031	513	2	5.83	58	5	19	10	1.87	<15	1.40	30	25	2.13	434	<4
LURE032	553	2	3.34	86	6	25	11	2.32	<15	1.65	47	25	0.86	524	<4
LURE033	511	2	6.22	74	6	23	12	2.25	<15	1.41	38	26	2.25	516	<4
LURE034	505	3	1.51	69	9	43	29	2.96	<15	2.04	34	50	1.17	777	<4
LURE035	516	2	2.50	63	7	26	17	2.71	<15	1.83	35	31	1.37	746	<4
LURE036	520	2	4.43	60	6	26	16	2.21	<15	1.61	34	25	2.43	606	<4
LURE037	526	2	1.99	97	6	28	12	2.80	<15	1.65	55	22	0.65	493	<4
LURE038	452	2	4.81	42	6	39	17	2.01	<15	1.42	23	30	2.09	509	<4
LURE039	577	2	4.71	43	5	25	13	2.06	<15	1.77	26	30	1.82	506	<4
LURE040	586	2	3.36	70	6	25	15	2.51	<15	1.62	38	27	0.98	608	<4
LURE041	505	1	5.32	96	5	21	8	2.71	<15	1.60	55	22	1.06	454	<4
LURE042	384	2	1.47	61	8	56	16	2.34	<15	1.34	32	46	0.62	460	<4
LURE043	400	2	1.48	58	7	51	15	2.37	<15	1.40	32	50	0.62	465	<4
LURE044	434	2	1.54	58	7	43	13	2.08	16	1.57	31	33	0.57	459	<4
LURE045	433	2	1.51	53	6	42	12	2.02	<15	1.58	30	34	0.56	444	<4
LURE046	431	2	1.54	59	7	43	13	2.07	<15	1.64	31	35	0.57	458	<4
LUBF001	551	2	1.83	85	7	26	11	3.09	<15	1.73	46	24	0.75	587	<4
LUBF002	467	1	12.23	55	4	15	7	1.94	<15	1.07	30	25	1.31	296	<4
LUBF003	555	2	2.85	102	5	16	8	2.31	22	1.74	56	26	1.09	549	<4
LUBF004	535	2	6.21	58	4	19	12	1.73	<15	1.61	31	26	1.76	694	<4
LUBF005	715	2	1.99	71	5	17	11	2.44	<15	2.00	38	27	0.69	547	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	FB	SC	SR	TH	TI	V	Y	ZN	ZR
LUBD062	0.92	15	12	513	<10	5	270	20	2070	45	12	55	56
LUBD063	0.78	13	22	848	<10	5	238	12	2219	58	15	77	66
LUBD064	0.44	12	18	778	<10	4	231	12	1649	44	14	55	49
LUBD065	0.18	9	144	5748	<10	6	341	9	1733	123	77	352	67
LUBE001	1.05	14	17	734	<10	6	256	14	2671	57	14	85	65
LUBE002	1.11	15	16	559	<10	6	260	14	2830	59	15	67	61
LUBE003	0.78	15	10	422	<10	5	225	11	2351	50	12	51	48
LUBE004	1.27	15	16	530	<10	7	271	14	2866	60	18	76	70
LUBE005	1.11	14	14	635	<10	7	247	16	2910	60	17	135	62
LUBE006	0.76	14	15	606	534	7	184	15	2680	54	13	216	54
LUBE007	1.07	17	14	536	<10	6	211	18	4296	37	14	84	57
LUBE008	1.11	15	10	611	<10	6	229	16	4234	90	15	92	58
LUBE009	1.07	15	14	673	<10	6	331	11	3415	69	17	61	62
LUBE010	1.05	15	14	651	<10	6	294	11	2435	55	16	65	64
LUBE011	1.05	22	14	473	<10	8	310	15	5521	139	17	54	61
LUBE012	0.77	15	11	722	<10	5	237	6	1831	40	11	55	47
LUBE013	0.79	15	10	886	<10	5	234	13	1959	44	11	55	47
LUBE014	0.68	13	11	469	<10	5	167	12	1747	38	11	53	46
LUBE015	0.69	15	11	439	<10	5	186	10	1860	40	12	60	54
LUBE016	1.35	15	9	291	<10	5	281	7	2220	45	15	53	52
LUBE017	1.29	17	8	300	<10	6	270	9	2952	56	17	65	57
LUBE018	1.50	25	6	436	<10	9	369	73	6165	119	29	88	70
LUBE019	0.92	15	11	367	<10	5	230	8	1907	39	13	51	55
LUBE020	1.04	13	10	315	<10	6	264	15	2976	71	14	57	45
LUBE021	1.55	18	9	316	<10	6	389	15	2747	43	15	62	63
LUBE022	1.40	15	10	458	<10	6	354	10	2360	43	17	63	65
LUBE023	1.00	14	13	630	<10	6	285	15	2215	45	15	70	61
LUBE024	0.73	12	16	663	<10	4	226	11	1780	41	13	67	57
LUBE025	0.07	11	259	1046	<10	2	109	8	781	235	17	575	61
LUBE026	0.72	14	19	681	<10	5	253	9	1916	53	14	67	58
LUBE027	0.50	12	12	1283	<10	6	232	7	1773	77	17	114	55
LUBE028	0.98	17	9	406	<10	5	275	14	2306	50	12	54	48
LUBE029	0.62	14	15	474	<10	4	193	7	1784	45	10	51	39
LUBE030	0.84	14	11	252	<10	5	210	9	2512	51	13	66	49
LUBE031	0.97	15	11	431	<10	5	242	11	2185	41	14	53	54
LUBE032	1.26	16	12	478	<10	6	330	14	2890	62	17	65	66
LUBE033	0.90	16	14	466	<10	6	230	17	2614	59	16	65	58
LUBE034	0.75	15	23	972	<10	8	176	16	2763	69	21	112	88
LUBE035	1.16	14	14	856	<10	6	256	8	3283	71	16	61	58
LUBE035	0.94	13	14	789	<10	6	217	11	2596	57	15	71	58
LUBE037	1.34	17	14	705	<10	7	355	16	4022	88	16	77	54
LUBE038	0.83	12	21	832	<10	6	220	11	2178	57	15	62	55
LUBE039	1.15	13	14	708	<10	6	272	4	2550	54	14	64	56
LUBE040	1.02	16	12	865	<10	6	289	9	3264	75	15	76	54
LUBE041	1.24	17	8	421	<10	6	357	21	3901	80	14	62	47
LUBE042	0.59	10	30	693	18	7	181	15	2578	86	19	60	80
LUBE043	0.63	9	29	702	12	7	189	5	2599	85	16	60	80
LUBE044	0.78	10	22	912	14	6	194	12	2328	69	18	71	70
LUBE045	0.79	10	22	904	17	6	192	9	2245	67	18	71	70
LUBE046	0.80	10	22	934	13	6	193	11	2250	70	19	73	71
LUBF001	1.22	18	11	410	<10	7	310	17	4735	99	15	72	57
LUBF002	0.78	19	9	337	<10	5	401	11	2844	57	12	44	38
LUBF003	1.51	22	8	793	<10	9	414	17	4582	62	15	55	47
LUBF004	1.10	16	8	822	<10	6	399	11	2584	44	15	54	49
LUBF005	1.37	14	9	408	<10	6	349	18	2953	58	16	66	57

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CDCR	CON1	CON2	CON3	FORM
LUBF006	38.603	114.565	07	42380				3	1	1	2			8	QTRN
LUBF007	38.593	114.608	07	42380				3	1	1	2			8	QTRN
LUBF008	38.609	114.646	06	42380				2	1	1	2			8	QTRN
LUBF009	38.560	114.650	06	42380				3	1	1	2			8	QTRN
LUBF010	38.535	114.651	06	42380				3	1	1	2			8	QTRN
LUBF011	38.507	114.649	06	42380				3	1	1	2			8	QTRN
LUBF012	38.599	114.692	08	42380				1	1	1	2		8	5	PNNS
LUBF013	38.597	114.693	06	42380				3	1	1	2		8	5	QTRN
LUBF014	38.596	114.719	06	42380				2	1	1	2			5	QTRN
LUBF015	38.567	114.683	06	42380				3	1	1	2			8	QTRN
LUBF016	38.541	114.720	06	42380				2	1	1	2			8	QTRN
LUBF017	38.539	114.694	06	42380				3	1	1	2			8	QTRN
LUBF018	38.538	114.694	06	42380				3	1	1	2			8	QTRN
LUBF019	38.520	114.710	06	42380				1	1	1	2			8	QTRN
LUBF020	38.514	114.687	06	42380				3	1	1	2			8	QTRN
LUBF021	38.521	114.619	07	42580				4	1	1	2			8	QTRN
LUBF022	38.542	114.623	07	42590				4	1	1	2			8	QTRN
LUBF023	38.566	114.623	07	42580				4	1	1	2			8	QTRN
LUBF024	38.615	114.606	07	42580				4	1	1	2		7	8	QTRN
LUBF025	38.509	114.570	07	42580				4	1	1	2			8	QTRN
LUBF026	38.546	114.590	07	42580				4	1	1	2			8	QTRN
LUBF027	38.552	114.564	07	42580				4	1	1	2			8	QTRN
LUBF028	38.590	114.509	06	42580				3	1	1	2			8	QTRN
LUBF029	38.630	114.537	06	42580				3	1	1	2			8	QTRN
LUBF030	38.630	114.512	06	42580				2	1	1	2			8	QTRN
LUBF031	38.650	114.530	06	42580				2	1	1	2			8	QTRN
LUBF032	38.640	114.562	06	42580				3	1	1	2			8	QTRN
LUBF033	38.638	114.605	07	42680				4	1	1	2		7	8	QTRN
LUBF034	38.662	114.606	07	42680				3	1	1	2		7	8	QTRN
LUBF035	38.691	114.603	07	42680				3	1	1	2			8	QTRN
LUBF036	38.673	114.546	06	42680				2	1	1	2		1	8	QTRN
LUBF037	38.695	114.549	06	42680				3	1	1	2			8	QTRN
LUBF038	38.710	114.541	06	42680				2	1	1	2			8	QTRN
LUBF039	38.729	114.558	06	42680				2	1	1	2		7	8	QTRN
LUBF040	38.748	114.562	06	42680				2	1	1	2			8	QTRN
LUBF041	38.716	114.501	06	42680				2	1	1	2			8	QTRN
LUBF042	38.740	114.519	06	42680				3	1	1	2			8	QTRN
LUBF043	38.741	114.593	07	42680				3	1	1	2			8	QTRN
LUBF044	38.722	114.597	07	42680				4	1	1	2			8	QTRN
LUBF045	38.728	114.628	06	42680				2	1	1	2			8	QTRN
LUBF046	38.747	114.689	06	42680				2	1	1	2			8	QTRN
LUBF047	38.735	114.668	06	42680				2	1	1	2			8	QTRN
LUBF048	38.647	114.655	06	42780				3	1	1	2			8	QTRN
LUBF049	38.657	114.699	06	42780				2	1	1	2			8	QTRN
LUBF050	38.649	114.673	06	42780				2	1	1	2			8	QTRN
LUBF051	38.629	114.674	06	42780				2	1	1	2			8	QTRN
LUBF052	38.631	114.647	06	42780				3	1	1	2			8	QTRN
LUBF053	38.673	114.675	06	42780				2	1	1	2		5	8	QTRN
LUBF054	38.676	114.699	08	42780				2	1	1	2			5	PNNS
LUBF055	38.679	114.702	06	42780				2	1	1	2			5	QTRN
LUBF056	38.674	114.652	06	42780				2	1	1	2			8	QTRN
LUBF057	38.659	114.633	06	42780				3	1	1	2			8	QTRN
LUBF058	38.683	114.630	06	42780				3	1	1	2			8	QTRN
LUBF059	38.731	114.718	06	42880				3	1	1	2			8	QTRN
LUBF060	38.729	114.651	06	42880				2	1	1	2			8	QTRN

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TCT	PH	SCIN	RTYP	FLOW	SLVL	RCLF	TVEG	DVEG	MSP	U-FL	AG	AL	B
LUBF006	10		30.00	10	1	1	1	3	2	NJ1106	2.50	<2	7.28	42
LUBF007	10		55.00	10	1	1	1	3	2	NJ1106	2.11	<2	5.87	29
LUBF008	10		45.00	10	1	1	1	3	2	NJ1106	3.25	<2	6.07	21
LUBF009	10		40.00	10	1	1	1	4	2	NJ1106	2.41	<2	6.62	23
LUBF010	10		52.00	10	1	1	1	4	2	NJ1106	2.44	<2	6.77	18
LUBF011	10		55.00	10	1	1	1	4	2	NJ1106	1.79	<2	4.66	17
LUBF012	10		12.00	01	1	1	2	3	2	NJ1106	0.75	<2	0.69	<10
LUBF013	10		32.00	10	1	1	2	3	2	NJ1106	2.16	<2	6.31	28
LUBF014	10		32.00	10	1	1	2	2	2	NJ1106	2.21	<2	5.76	21
LUBF015	10		30.00	10	1	1	1	3	2	NJ1106		<2	4.59	25
LUBF016	10		30.00	10	1	1	2	2	2	NJ1106	2.50	<2	6.02	25
LUBF017	10		32.00	10	1	1	1	3	2	NJ1106	2.59	<2	5.50	17
LUBF018	10		35.00	02	1	1	1	3	2	NJ1106	4.55	<2	6.49	27
LUBF019	10		41.00	10	1	1	1	3	2	NJ1106	2.38	<2	5.40	16
LUBF020	10		32.00	10	1	1	1	3	2	NJ1106	2.44	<2	6.13	19
LUBF021	10		32.00	10	1	1	1	3	1	NJ1106	2.45	<2	4.18	20
LUBF022	10		30.00	10	1	1	1	3	1	NJ1106	2.29	<2	5.98	30
LUBF023	10		30.00	10	1	1	1	3	2	NJ1106	2.22	<2	5.77	34
LUBF024	10		45.00	10	1	1	1	3	1	NJ1106	2.29	<2	6.34	19
LUBF025	10		50.00	10	1	1	1	3	1	NJ1106	3.56	<2	4.74	17
LUBF026	10		60.00	10	1	1	1	3	1	NJ1106	2.75	<2	5.66	21
LUBF027	10		55.00	10	1	1	1	3	1	NJ1106	3.12	<2	7.26	18
LUBF028	10		70.00	10	1	1	1	3	2	NJ1106	2.60	<2	7.17	20
LUBF029	10		60.00	10	1	1	1	3	2	NJ1106	2.16	<2	4.70	17
LUBF030	10		50.00	10	1	1	1	3	2	NJ1106	2.23	<2	3.64	18
LUBF031	10		45.00	10	1	1	1	3	2	NJ1106	2.04	<2	3.25	15
LUBF032	10		60.00	10	1	1	1	3	1	NJ1106	2.08	<2	5.19	15
LUBF033	10		30.00	10	1	1	1	3	1	NJ1106	2.16	<2	3.73	26
LUBF034	10		30.00	10	1	1	1	3	2	NJ1106	2.30	<2	2.70	31
LUBF035	10		55.00	10	1	1	1	3	2	NJ1106	2.02	<2	5.45	25
LUBF036	10		40.00	10	1	1	1	3	2	NJ1106	4.49	<2	3.47	27
LUBF037	10		50.00	10	1	1	1	3	2	NJ1106	2.61	<2	5.33	30
LUBF038	10		40.00	10	1	1	1	3	2	NJ1106	2.91	<2	4.43	14
LUBF039	10		55.00	10	1	1	1	4	1	NJ1106	2.68	<2	5.60	21
LUBF040	10		48.00	10	1	1	1	3	2	NJ1106	2.33	<2	5.49	20
LUBF041	10		30.00	10	1	1	2	2	1	NJ1106	2.41	<2	2.44	<10
LUBF042	10		30.00	10	1	1	1	3	1	NJ1106	2.27	<2	4.95	24
LUBF043	10		25.00	10	1	1	1	3	1	NJ1106	2.76	<2	5.28	25
LUBF044	10		45.00	10	1	1	1	3	2	NJ1106	2.44	<2	4.79	36
LUBF045	10		25.00	10	1	1	1	3	1	NJ1106	2.43	<2	4.48	15
LUBF046	10		40.00	10	1	1	1	3	2	NJ1106	2.33	<2	3.56	22
LUBF047	10		32.00	10	1	1	1	4	1	NJ1106	2.60	<2	5.05	31
LUBF048	10		70.00	10	1	1	1	3	2	NJ1106	2.48	<2	6.54	26
LUBF049	10		40.00	10	1	1	2	3	2	NJ1106	3.63	<2	6.92	30
LUBF050	10		35.00	10	1	1	2	3	2	NJ1106	4.26	<2	6.38	31
LUBF051	10		40.00	10	1	1	2	4	2	NJ1106	3.49	<2	6.50	28
LUBF052	10		50.00	10	1	1	1	3	1	NJ1106	2.62	12	5.31	23
LUBF053	10		50.00	10	1	1	1	4	1	NJ1106	3.44	<2	5.03	12
LUBF054	10		40.00	09	1	1	2	4	2	NJ1106	3.26	51	4.90	14
LUBF055	10		30.00	10	1	1	2	4	2	NJ1106	2.65	<2	6.99	27
LUBF056	10		42.00	10	1	1	1	3	1	NJ1106	2.73	<2	6.80	32
LUBF057	10		32.00	10	1	1	1	3	2	NJ1106	3.05	<2	6.36	21
LUBF058	10		40.00	10	1	1	1	3	2	NJ1106	3.68	<2	6.34	22
LUBF059	10		28.00	10	1	1	2	4	2	NJ1106	2.03	<2	4.60	30
LUBF060	10		30.00	10	1	1	2	4	2	NJ1106	2.22	<2	4.52	14

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	NN	NO
LUBF006	£48	2	1.93	56	8	34	23	2.93	<15	2.08	25	35	1.51	754	<4
LUBF007	£43	2	5.06	57	4	17	14	1.60	<15	1.47	30	26	1.82	486	<4
LUBF008	£71	5	1.44	80	7	26	26	2.82	<15	1.84	42	26	0.66	663	<4
LUBF009	£33	2	2.29	72	7	30	13	2.47	<15	1.62	39	26	0.82	514	<4
LUBF010	£71	2	2.57	72	8	35	12	3.12	<15	1.55	39	31	0.79	548	<4
LUBF011	473	1	8.78	47	4	16	8	1.56	<15	1.24	25	21	3.31	361	<4
LUBF012	71	1	20.62	<10	<4	3	36	0.42	<15	0.15	<2	13	5.00	598	<4
LUBF013	£55	2	5.75	60	6	27	17	2.37	<15	1.80	31	30	0.85	538	<4
LUBF014	459	2	4.83	58	6	28	30	2.18	<15	1.52	29	31	1.11	733	<4
LUBF015	408	1	8.14	45	5	22	14	1.73	<15	1.15	23	24	3.61	453	<4
LUBF016	465	2	3.94	53	6	50	17	2.25	<15	1.67	31	36	1.21	486	<4
LUBF017	474	1	5.46	60	6	37	13	2.22	<15	1.50	34	30	2.07	497	<4
LUBF018	£19	2	2.34	65	5	19	13	1.91	<15	2.27	35	27	1.17	469	<4
LUBF019	£16	2	2.86	59	6	42	16	2.06	17	1.54	34	25	0.72	498	<4
LUBF020	£71	2	1.68	50	6	45	17	2.31	<15	1.71	30	33	0.82	600	<4
LUBF021	454	1	6.35	36	5	19	16	1.46	<15	1.36	18	33	2.32	816	<4
LUBF022	£34	2	4.64	55	6	31	26	2.33	<15	1.60	27	34	1.80	746	<4
LUBF023	£57	2	5.79	49	7	29	29	2.19	<15	1.66	27	36	2.19	1007	<4
LUBF024	£80	2	5.69	51	<4	16	10	1.42	<15	1.56	27	25	1.43	394	<4
LUBF025	466	1	4.30	52	5	23	12	1.67	<15	1.39	26	25	1.65	479	<4
LUBF026	£44	2	6.63	54	4	20	13	1.66	<15	1.57	27	30	1.82	546	<4
LUBF027	£97	2	1.57	72	8	25	17	3.00	<15	1.98	37	30	0.96	851	<4
LUBF028	736	2	2.00	63	5	18	13	2.30	<15	1.68	34	23	0.74	511	<4
LUBF029	487	1	3.41	34	<4	20	19	1.55	<15	1.57	21	21	0.81	349	<4
LUBF030	394	1	4.94	40	4	20	9	1.42	<15	1.23	21	17	0.90	268	<4
LUBF031	344	1	4.75	29	<4	21	11	1.14	<15	1.15	14	16	0.89	241	<4
LUBF032	£04	1	1.52	68	7	27	9	2.82	<15	1.25	37	17	0.67	504	<4
LUBF033	405	1	10.66	38	4	18	24	1.43	<15	0.89	18	33	3.27	371	<4
LUBF034	373	1	12.71	25	<4	13	15	1.16	<15	0.62	12	37	4.80	270	<4
LUBF035	£64	1	2.77	51	4	19	33	1.71	15	1.62	26	27	1.25	485	<4
LUBF036	408	1	0.33	67	10	27	22	1.77	<15	0.79	32	18	0.21	1900	<4
LUBF037	£23	2	4.62	54	6	32	24	2.10	<15	1.28	29	23	1.07	470	<4
LUBF038	442	1	8.96	44	5	26	16	1.69	<15	1.03	24	21	1.22	399	<4
LUBF039	£36	2	4.01	55	5	29	50	2.09	<15	1.42	30	25	0.99	477	<4
LUBF040	£42	2	2.85	43	4	26	13	1.91	<15	1.40	27	23	0.83	396	<4
LUBF041	£86	1	5.55	16	<4	17	5	0.71	<15	0.91	8	13	0.75	145	<4
LUBF042	481	2	5.94	49	5	24	11	1.77	<15	1.15	27	15	0.89	370	<4
LUBF043	£34	2	4.44	48	6	30	24	1.99	18	1.29	25	24	0.81	412	<4
LUBF044	449	2	8.12	47	6	32	15	1.81	<15	1.14	24	24	2.24	563	<4
LUBF045	409	1	7.75	36	5	21	15	1.63	<15	1.08	19	22	2.64	487	<4
LUBF046	324	1	10.52	36	4	16	9	1.24	<15	0.79	17	16	4.10	352	<4
LUBF047	455	2	7.59	62	6	24	16	1.98	<15	1.32	31	25	1.93	506	<4
LUBF048	£04	2	2.92	67	8	31	19	2.63	<15	1.82	34	31	0.84	583	<4
LUBF049	717	3	0.95	66	9	30	29	2.49	<15	2.36	35	35	0.58	684	<4
LUBF050	£23	3	1.42	60	7	28	17	2.50	<15	2.24	30	30	0.57	508	<4
LUBF051	£16	3	2.15	67	7	27	40	2.49	<15	2.30	34	32	0.96	601	<4
LUBF052	£90	4	4.05	46	5	23	41	2.02	<15	1.81	23	34	1.42	408	<4
LUBF053	£00	2	0.80	42	5	20	14	1.77	<15	1.90	22	25	0.43	464	<4
LUBF054	£33	64	3.55	54	7	23	100	2.02	<15	2.19	23	21	1.27	635	<4
LUBF055	£59	3	1.35	67	9	32	26	2.63	<15	2.22	33	42	0.71	773	<4
LUBF056	£38	2	1.51	65	8	31	21	2.74	<15	2.01	35	37	0.81	619	<4
LUBF057	£01	2	1.57	68	6	28	18	2.58	<15	2.07	37	32	0.91	536	<4
LUBF058	£05	2	0.87	56	6	29	17	2.41	<15	2.07	31	34	0.53	444	<4
LUBF059	396	1	10.04	34	6	28	22	1.84	<15	1.29	17	35	1.12	549	<4
LUBF060	294	2	7.13	43	5	25	11	1.90	<15	1.30	23	26	1.34	540	<4

Table 4, Continued

DATA LISTING FOR SECTIONS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PR	SC	SR	TH	TI	V	Y	ZN	ZR
LUBF006	0.85	14	20	1293	<10	8	205	11	2902	61	17	57	77
LUBF007	1.06	15	7	1170	<10	5	401	10	2231	37	13	50	45
LUBF009	0.84	12	14	418	<10	6	220	12	2958	59	16	290	53
LUBF009	1.07	13	15	503	<10	7	290	19	2871	65	16	70	61
LUBF010	1.12	15	16	472	<10	8	300	20	3750	95	17	64	57
LUBF011	0.86	13	10	288	<10	4	239	11	1946	41	10	42	39
LUBF012	0.08	12	5	64	58	1	88	<2	255	14	2	124	7
LUBF013	0.91	15	17	613	<10	6	248	9	2566	57	13	77	53
LUBF014	0.75	13	16	569	40	6	210	8	2215	49	15	257	46
LUBF015	0.66	14	9	460	15	5	182	8	1943	50	11	57	47
LUBF016	0.85	13	26	999	<10	6	216	8	2602	62	18	103	65
LUBF017	0.89	13	19	740	<10	6	230	13	2801	62	15	55	55
LUBF018	1.15	14	10	555	10	5	226	15	2175	44	14	65	63
LUBF019	0.94	15	18	784	<10	5	237	12	2640	57	16	54	61
LUBF020	1.00	11	20	909	<10	6	228	7	2616	57	17	105	65
LUBF021	0.73	12	12	952	<10	4	298	5	1614	33	11	67	40
LUBF022	0.65	14	18	1240	<10	6	244	17	2172	51	14	55	62
LUBF023	0.71	13	18	1726	<10	6	265	13	2215	48	16	115	59
LUBF024	1.28	15	8	711	<10	5	438	8	2059	32	13	45	42
LUBF025	0.88	13	14	541	<10	5	251	17	2180	41	13	51	51
LUBF026	1.09	15	11	919	<10	5	402	13	2344	41	14	52	47
LUBF027	1.23	16	13	782	<10	7	293	14	3560	76	17	85	68
LUBF028	1.31	15	10	485	<10	6	345	8	2903	56	15	65	56
LUBF029	0.74	10	9	421	<10	4	196	6	2055	41	11	55	56
LUBF030	0.49	10	9	261	<10	3	156	10	2065	43	9	42	55
LUBF031	0.40	9	10	334	<10	3	130	5	1586	33	8	41	54
LUBF032	0.78	15	11	401	<10	6	239	17	4332	92	13	67	59
LUBF033	0.46	16	15	765	<10	4	399	6	1381	38	11	73	39
LUBF034	0.33	9	9	823	<10	3	794	6	1118	32	8	46	28
LUBF035	1.01	5	28	916	<10	5	226	10	2041	32	12	133	48
LUBF036	0.13	11	23	2153	38	5	54	13	3384	57	19	50	138
LUBF037	0.77	14	20	696	<10	6	239	15	2572	54	13	57	62
LUBF038	0.65	15	12	591	<10	5	261	8	1929	44	12	65	48
LUBF039	0.86	14	43	720	<10	6	256	11	2466	52	13	183	58
LUBF040	0.88	10	13	543	<10	5	252	7	2342	47	12	63	53
LUBF041	0.24	8	7	214	<10	2	89	4	1054	21	6	25	51
LUBF042	0.74	13	9	481	<10	5	257	7	2074	43	11	54	52
LUBF043	0.77	13	25	482	<10	5	241	14	2295	51	12	103	62
LUBF044	0.60	15	20	812	<10	5	201	11	1999	50	14	66	56
LUBF045	0.63	14	15	526	<10	4	180	3	1732	37	11	54	51
LUBF046	0.51	17	8	279	<10	4	152	4	1385	30	5	38	41
LUBF047	0.81	16	11	510	<10	5	219	16	2342	50	12	70	57
LUBF048	0.84	13	17	522	<10	7	202	14	2731	60	15	76	65
LUBF049	0.94	10	16	852	<10	7	200	16	2682	59	17	95	60
LUBF050	0.85	12	15	452	<10	7	173	8	2831	59	14	66	65
LUBF051	1.02	13	27	534	<10	6	200	7	2883	56	15	156	59
LUBF052	0.53	11	13	614	61	5	400	9	1843	41	12	107	52
LUBF053	0.91	8	14	386	<10	5	165	4	1851	42	10	58	39
LUBF054	0.30	8	13	726	197	5	497	10	1282	33	9	368	40
LUBF055	1.00	14	19	623	<10	7	193	15	2933	64	15	84	66
LUBF056	0.98	13	16	694	<10	7	210	8	2961	63	15	75	67
LUBF057	1.01	13	18	542	<10	6	209	11	2944	61	14	71	59
LUBF058	0.91	11	16	411	<10	6	192	11	2661	56	12	65	59
LUBF059	0.48	14	13	975	<10	5	330	6	1550	44	11	64	42
LUBF060	0.62	12	14	763	<10	5	220	4	2030	45	12	53	50

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUBF061	38.714	114.662	06	42880				3	1	1	2			8	QTRN
LUBF062	38.709	114.719	08	42880				2	1	1	2			2	CMUR
LUBF063	38.706	114.707	06	42880				2	1	1	2			8	QTRN
LUBF064	38.695	114.654	06	42880				3	1	1	2			8	QTRN
LUBF065	38.594	114.730	01	51380				1	1	1	2			5	UNKN
LUBF066	38.590	114.742	06	51380				2	1	1	2			8	QTRN
LUBF067	38.520	114.743	06	51380				4	1	1	2			8	QTRN
LURG001	38.507	114.292	06	42280				4	1	1	2			8	QTRN
LURG002	38.519	114.276	06	42280				4	1	1	2			8	QTRN
LURG003	38.525	114.284	06	42280				4	1	1	2			8	QTRN
LURG004	38.537	114.306	06	42280				4	1	1	2			8	QTRN
LURG005	38.538	114.353	06	42380				4	1	1	2			8	QTRN
LURG006	38.517	114.333	06	42380				4	1	1	2			8	QTRN
LURG007	38.526	114.327	06	42380				4	1	1	2			8	QTRN
LURG008	38.563	114.337	06	42380				4	1	1	2			8	QTRN
LURG009	38.569	114.297	06	42380				4	1	1	2			8	QTRN
LURG010	38.586	114.287	06	42380				4	1	1	2			8	QTRN
LURG011	38.602	114.278	06	42380				4	1	1	2			8	QTRN
LURG012	38.612	114.307	06	42380				4	1	1	2			8	QTRN
LURG013	38.621	114.343	06	42380				4	1	1	2			8	QTRN
LURG014	38.619	114.367	06	42880				4	1	1	2			8	QTRN
LURG015	38.591	114.371	06	42880				4	1	1	2			8	QTRN
LURG016	38.578	114.353	06	42880				4	1	1	2			8	QTRN
LURG017	38.563	114.314	06	42880				4	1	1	2			8	QTRN
LURG018	38.587	114.310	06	42880				4	1	1	2			8	QTRN
LURG019	38.619	114.263	06	42880				4	1	1	2			8	QTRN
LURG020	38.588	114.422	06	42680				3	1	1	2			2	QTRN
LURG021	38.607	114.436	06	42680				3	1	1	2			2	QTRN
LURG022	38.625	114.426	06	42780				3	1	1	2			2	QTRN
LURG023	38.643	114.457	06	42780				3	1	1	2			2	QTRN
LURG024	38.656	114.471	06	42780				3	1	1	2			2	QTRN
LURG025	38.668	114.432	06	42780				3	1	1	2			2	QTRN
LURG026	38.698	114.450	06	42780				3	1	1	2			2	QTRN
LURG027	38.716	114.465	06	42780				3	1	1	2			2	QTRN
LURG028	38.732	114.497	06	42780				3	1	1	2			2	QTRN
LURG029	38.513	114.454	06	42680				3	1	1	2			2	QTRN
LURG030	38.508	114.406	06	42680				3	1	1	2			2	QTRN
LURG031	38.534	114.408	06	42680				3	1	1	2			2	QTRN
LURG032	38.544	114.427	05	42680	18.0	95.00	1.40	3	3	2	2			2	QTRN
LURG033	38.561	114.414	06	42680				3	1	1	2			2	QTRN
LURG034	38.577	114.442	06	42680				3	1	1	2			2	QTRN
LURG035	38.576	114.490	06	42380				3	1	1	2			8	QTRN
LURG036	38.557	114.474	06	42380				3	1	1	2			8	QTRN
LURG037	38.747	114.320	06	71480				3	1	1	2			8	QTRN
LURG038	38.719	114.337	06	71480				3	1	1	2			8	QTRN
LURG039	38.703	114.320	06	71480				3	1	1	2			8	QTRN
LURG040	38.689	114.299	06	71480				3	1	1	2			8	QTRN
LURG041	38.678	114.276	06	71480				3	1	1	2			8	QTRN
LURG042	38.678	114.260	09	71480				3	1	1	2			8	QTRN
LURG043	38.677	114.252	06	71480				3	1	1	2			8	QTRN
LURG044	38.712	114.268	06	71480				3	1	1	2			8	QTRN
LURG045	38.733	114.255	06	71480				3	1	1	2			8	QTRN
LURG046	38.631	114.267	06	71480				3	1	1	2			8	QTRN
LURG047	38.638	114.291	06	71480				3	1	1	2			8	QTRN
LURG048	38.626	114.327	06	71480				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QJADRANGLE

SAMPLE	TOT	PH	SCIN	RTPP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	E
LUBF061	10		32.00	10	1	1	1	3	2	NJ1106	2.68	<2	6.34	22
LUBF062	10		30.00	09	1	1	3	4	2	NJ1106	4.50	<2	7.27	18
LUBF063	10		42.00	10	1	1	3	4	2	NJ1106	3.64	<2	6.32	27
LUBF064	10		25.00	10	1	1	1	3	2	NJ1106	3.47	<2	6.22	13
LUBF065	10		40.00	09	1	1	2	2	2	NJ1106	2.35	<2	4.98	17
LUBF066	10		25.00	10	1	1	2	2	2	NJ1106	3.63	<2	7.54	34
LUBF067	10		40.00	10	1	1	2	4	2	NJ1106	2.34	<2	6.11	30
LUBG001	10		90.00	10	1	1	1	3	2	NJ1106	2.63	<2	4.98	10
LUBG002	10		95.00	10	1	1	1	3	2	NJ1106	2.42	<2	4.88	<10
LUBG003	10		55.00	10	1	1	1	3	2	NJ1106	2.65	<2	5.52	23
LUBG004	10		75.00	10	1	1	1	3	2	NJ1106	3.20	<2	6.61	23
LUBG005	10		95.00	10	1	1	1	3	3	NJ1106	1.71	<2	6.19	22
LUBG006	10		95.00	10	1	1	1	3	3	NJ1106	3.63	<2	6.87	20
LUBG007	10		95.00	10	1	1	1	3	3	NJ1106	2.70	<2	6.87	26
LUBG008	10		95.00	10	1	1	1	3	3	NJ1106	2.69	<2	6.83	23
LUBG009	10		85.00	10	1	1	1	3	3	NJ1106	2.21	<2	5.14	14
LUBG010	10		40.00	10	1	1	1	3	2	NJ1106	3.20	<2	4.59	13
LUBG011	10		45.00	10	1	1	1	3	2	NJ1106	2.62	<2	5.64	16
LUBG012	10		90.00	10	1	1	1	3	2	NJ1106	3.66	<2	7.15	30
LUBG013	10		75.00	10	1	1	1	3	2	NJ1106	3.38	<2	6.59	41
LUBG014	10		90.00	10	1	1	1	3	2	NJ1106	3.40	<2	6.41	25
LUBG015	10		80.00	10	1	1	1	3	3	NJ1106	2.74	<2	7.57	16
LUBG016	10		80.00	10	1	1	1	3	3	NJ1106	2.68	<2	7.40	26
LUBG017	10		80.00	10	1	1	1	3	3	NJ1106	2.71	<2	6.89	29
LUBG018	10		75.00	10	1	1	1	3	3	NJ1106	2.69	<2	6.83	28
LUBG019	10		80.00	10	1	1	1	4	1	NJ1106	2.63	<2	6.04	27
LUBG020	10		60.00	10	1	1	1	2	3	NJ1106	2.69	<2	7.69	18
LUBG021	10		50.00	10	1	1	1	2	3	NJ1106	2.52	<2	8.11	12
LUBG022	10		52.00	10	1	1	1	3	3	NJ1106	1.61	<2	9.08	<10
LUBG023	10		60.00	10	1	1	1	3	3	NJ1106	3.64	<2	6.80	27
LUBG024	10		48.00	10	1	1	1	3	3	NJ1106	3.21	<2	6.70	16
LUBG025	10		50.00	10	1	1	1	3	3	NJ1106	2.81	<2	6.19	16
LUBG026	10		38.00	10	1	1	1	3	3	NJ1106	1.69	<2	4.03	10
LUBG027	10		28.00	10	1	1	1	3	3	NJ1106	1.69	<2	5.07	19
LUBG028	10		24.00	10	1	1	1	3	3	NJ1106	2.17	<2	2.86	17
LUBG029	10		68.00	10	1	1	1	2	3	NJ1106	3.29	<2	7.72	16
LUBG030	10		62.00	10	1	1	1	2	2	NJ1106	2.17	<2	6.86	15
LUBG031	10		58.00	10	1	1	1	2	2	NJ1106	1.66	<2	6.25	10
LUBG032	10	8.8	79.00	10	3	2	1	2	3	NJ1106	1.67	<2	7.07	<10
LUBG033	10		68.00	10	1	1	1	2	2	NJ1106	2.63	<2	7.13	20
LUBG034	10		53.00	10	1	1	1	2	3	NJ1106	2.46	<2	7.28	18
LUBG035	10		65.00	10	1	1	1	3	2	NJ1106	2.33	<2	7.48	14
LUBG036	10		60.00	10	1	1	1	4	2	NJ1106	2.42	<2	6.98	11
LUBG037	10		25.00	10	1	1	2	3	1	NJ1106	2.49	<2	5.32	27
LUBG038	10		32.00	10	1	1	1	3	1	NJ1106	1.71	<2	4.51	34
LUBG039	10		25.00	10	1	1	1	3	1	NJ1106	1.73	<2	5.14	28
LUBG040	10		32.00	10	1	1	1	3	1	NJ1106	2.20	<2	5.71	27
LUBG041	10		42.00	10	1	1	1	3	1	NJ1106	2.64	<2	6.71	21
LUBG042	10		55.00	10	1	1	1	2	1	NJ1106	3.21	<2	6.49	17
LUBG043	10		20.00	10	1	1	1	2	1	NJ1106	2.29	<2	3.43	24
LUBG044	10		60.00	10	1	1	1	2	1	NJ1106	2.25	<2	7.29	10
LUBG045	10		22.00	10	1	1	2	2	1	NJ1106	2.67	<2	3.77	40
LUBG046	10		48.00	10	1	1	1	3	1	NJ1106	1.46	<2	4.81	32
LUBG047	10		39.00	10	1	1	1	3	1	NJ1106	1.68	<2	7.00	21
LUBG048	10		48.00	10	1	1	1	3	1	NJ1106	2.17	<2	6.41	32

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUBF061	627	2	2.10	60	7	27	19	2.42	<15	2.10	30	37	0.68	667	<4
LUBF062	719	4	0.95	76	10	38	27	2.82	<15	2.12	38	56	0.71	814	<4
LUBF063	666	4	1.22	58	7	29	30	2.30	<15	2.14	33	44	0.58	722	<4
LUBF064	643	2	0.99	65	7	26	17	2.35	<15	2.05	33	31	0.52	624	<4
LUBF065	512	1	8.09	100	6	22	13	2.46	<15	1.21	52	21	2.26	512	<4
LUBF066	252	2	3.25	68	13	80	17	3.04	<15	1.07	35	72	0.81	540	<4
LUBF067	504	2	5.17	58	7	28	19	2.50	<15	1.70	31	32	2.38	663	<4
LUBG001	474	1	8.46	41	5	21	13	1.90	<15	1.46	21	26	2.65	475	<4
LUBG002	458	1	8.72	40	6	20	14	2.05	<15	1.35	21	26	3.15	454	<4
LUBG003	544	2	7.56	48	6	24	15	2.13	<15	1.61	24	32	1.77	501	<4
LUBG004	626	2	3.11	63	6	26	16	2.37	<15	2.06	32	33	1.21	582	<4
LUBG005	613	2	4.95	74	7	24	14	3.02	<15	1.85	40	25	0.97	475	<4
LUBG006	665	2	1.61	60	6	25	16	2.44	<15	2.24	32	32	0.92	652	<4
LUBG007	639	2	2.62	67	7	29	20	2.50	<15	2.07	35	33	1.08	526	<4
LUBG008	680	2	1.70	68	7	34	18	2.31	<15	2.20	34	31	0.95	650	<4
LUBG009	509	1	7.60	46	6	22	14	1.90	<15	1.54	23	26	2.02	472	<4
LUBG010	436	1	7.07	34	4	20	12	1.66	<15	1.42	18	26	2.41	424	<4
LUBG011	545	2	6.47	56	6	24	13	2.13	<15	1.64	28	26	1.36	465	<4
LUBG012	658	2	2.24	59	9	27	18	2.77	15	2.25	30	36	1.14	744	<4
LUBG013	624	2	4.49	56	10	32	24	2.66	<15	2.01	28	40	1.60	997	<4
LUBG014	746	2	1.94	75	11	27	15	2.47	<15	1.81	33	30	0.94	1333	<4
LUBG015	696	2	2.00	68	12	28	18	2.88	<15	1.87	31	30	0.87	1075	<4
LUBG016	647	2	2.17	77	13	30	17	2.69	<15	1.97	35	32	1.03	1303	<4
LUBG017	635	2	2.87	64	8	30	19	2.88	<15	2.06	34	36	1.33	616	<4
LUBG018	654	2	1.90	60	8	31	19	2.80	<15	2.00	32	34	1.26	672	<4
LUBG019	573	2	5.72	57	7	27	17	2.41	<15	1.65	29	32	1.84	614	<4
LUBG020	673	2	2.41	62	9	21	14	2.93	17	1.75	32	26	0.84	585	<4
LUBG021	510	2	3.23	77	8	20	12	4.27	16	1.25	40	20	0.81	531	<4
LUBG022	415	1	4.60	153	6	8	4	4.38	<15	0.73	83	10	0.52	535	<4
LUBG023	587	2	2.84	74	<4	13	6	1.91	<15	2.12	35	26	0.69	432	<4
LUBG024	688	1	3.22	197	5	18	4	2.71	<15	2.02	107	17	0.66	404	<4
LUBG025	654	2	3.22	52	4	17	8	1.52	16	2.01	27	26	0.88	379	<4
LUBG026	415	1	5.22	48	4	21	7	1.36	<15	1.34	25	15	0.86	262	<4
LUBG027	493	1	5.44	53	5	27	11	1.88	<15	1.38	28	24	0.97	378	<4
LUBG028	307	1	5.25	20	<4	18	7	0.89	<15	1.23	10	17	0.78	176	<4
LUBG029	673	2	2.19	67	11	28	17	3.35	<15	2.05	27	31	0.77	607	<4
LUBG030	549	1	2.28	72	13	43	10	4.31	<15	1.53	29	24	0.84	551	<4
LUBG031	536	1	2.22	65	17	187	13	4.65	<15	1.41	34	23	1.70	688	<4
LUBG032	488	1	2.61	83	22	79	8	8.48	<15	1.44	46	24	0.81	836	<4
LUBG033	643	1	2.09	62	11	32	15	3.54	<15	1.74	35	27	0.83	573	<4
LUBG034	641	2	2.08	72	12	25	21	3.19	<15	1.81	35	33	0.77	697	<4
LUBG035	606	2	2.33	93	8	24	8	3.52	<15	1.66	50	26	0.64	501	<4
LUBG036	636	1	2.17	89	11	31	13	4.26	<15	1.65	47	24	0.72	686	<4
LUBG037	395	1	7.50	52	7	35	13	2.69	<15	1.41	28	28	1.37	528	<4
LUBG038	352	1	10.67	35	5	34	11	1.79	<15	1.24	19	26	0.92	325	<4
LUBG039	451	2	8.08	43	5	24	16	1.96	<15	1.60	22	25	1.53	448	<4
LUBG040	521	2	5.75	57	7	28	16	2.37	<15	1.78	31	25	1.12	516	<4
LUBG041	473	2	3.18	67	6	20	11	2.10	<15	1.91	35	31	0.97	584	<4
LUBG042	497	2	4.28	75	9	29	9	3.66	<15	1.75	40	31	1.29	727	<4
LUBG043	304	1	13.65	36	4	19	9	1.22	<15	1.15	18	23	1.79	286	<4
LUBG044	634	2	3.64	62	8	19	10	2.33	<15	1.74	22	30	0.94	498	<4
LUBG045	354	1	10.96	34	5	24	14	1.43	<15	1.81	16	28	1.32	275	<4
LUBG046	388	1	6.39	60	5	16	10	1.91	<15	1.44	34	24	1.32	456	<4
LUBG047	598	2	2.91	67	6	31	11	2.44	<15	1.83	38	25	0.94	481	<4
LUBG048	595	2	2.35	67	7	31	19	2.59	<15	2.01	35	33	1.20	751	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUBF061	1.09	13	15	570	<10	6	216	5	2894	58	14	74	65
LUBF062	1.07	15	26	577	15	8	196	11	3492	70	17	62	76
LUBF063	C.80	10	17	780	<10	7	164	12	2524	50	15	65	55
LUBF064	1.05	13	15	384	<10	6	201	10	2843	57	14	64	62
LUBF065	C.91	19	11	277	<10	6	276	20	3598	75	13	74	40
LUBF066	C.76	12	47	828	<10	10	204	9	3049	99	20	58	93
LUBF067	C.90	16	14	551	<10	6	212	8	2865	60	16	66	58
LUBG001	0.86	14	11	518	<10	5	243	8	2174	47	12	55	52
LUBG002	0.90	14	13	391	<10	5	235	7	2353	56	12	52	44
LUBG003	0.98	16	14	551	<10	6	297	12	2433	53	13	63	59
LUBG004	1.21	17	13	595	<10	6	284	16	2755	58	15	66	66
LUBG005	1.16	21	17	316	<10	6	343	14	3302	86	15	73	57
LUBG006	1.26	14	12	642	<10	6	269	12	2747	58	14	72	63
LUBG007	1.04	17	15	404	<10	7	267	18	2754	58	16	71	69
LUBG008	1.26	15	26	625	10	6	286	19	2664	55	15	111	61
LUBG009	C.92	15	12	482	<10	5	271	12	2203	47	12	57	54
LUBG010	0.85	14	12	435	<10	4	228	6	1971	42	10	45	47
LUBG011	C.99	15	16	415	<10	6	281	17	2528	57	13	56	58
LUBG012	1.43	14	18	737	<10	7	303	17	3278	73	15	77	65
LUBG013	C.86	16	30	1046	<10	7	235	16	2801	61	14	136	71
LUBG014	1.01	14	15	515	18	7	248	17	2624	65	15	67	59
LUBG015	1.40	14	15	518	<10	9	342	12	3354	75	16	65	58
LUBG016	1.18	15	17	537	<10	8	295	10	2936	67	17	72	62
LUBG017	1.22	17	18	550	<10	7	284	15	3373	74	16	75	73
LUBG018	1.25	16	15	578	<10	7	269	12	3270	72	16	60	70
LUBG019	C.97	16	14	719	<10	7	292	15	2732	61	15	70	60
LUBG020	1.58	14	12	525	<10	8	378	14	3806	83	16	67	46
LUBG021	1.41	34	9	498	<10	11	436	13	11940	136	17	75	51
LUBG022	1.38	27	3	668	<10	8	625	23	9404	143	15	62	35
LUBG023	1.12	16	7	505	18	6	265	12	1955	40	18	67	51
LUBG024	1.39	17	4	302	12	5	347	38	4285	105	15	77	52
LUBG025	1.06	13	7	400	13	4	264	13	1511	35	13	60	54
LUBG026	0.63	10	10	361	<10	4	202	11	1689	42	10	45	49
LUBG027	C.85	12	14	513	<10	5	271	10	2257	54	11	62	49
LUBG028	0.39	5	8	254	11	3	111	6	1164	28	7	22	53
LUBG029	1.71	12	15	493	20	9	388	16	3705	118	16	77	48
LUBG030	1.39	16	16	345	24	9	387	15	4215	178	16	85	46
LUBG031	1.08	13	30	508	<10	11	327	20	4392	179	16	92	70
LUBG032	1.46	17	23	534	<10	10	395	16	8161	441	16	142	36
LUBG033	1.41	14	16	541	<10	8	359	7	4055	132	15	75	50
LUBG034	1.34	15	16	755	21	9	320	15	3759	101	17	50	47
LUBG035	1.54	21	11	293	<10	8	403	14	5424	134	17	78	45
LUBG036	1.39	20	13	612	15	9	394	13	6725	177	17	97	53
LUBG037	C.85	15	15	856	16	7	274	13	3732	106	14	76	46
LUBG038	C.67	15	15	687	10	5	283	4	2074	63	12	56	48
LUBG039	C.79	15	12	570	19	5	249	6	2252	59	11	56	55
LUBG040	C.95	14	12	592	18	6	267	13	2786	80	13	62	62
LUBG041	1.06	15	10	420	24	6	286	14	2765	66	17	60	54
LUBG042	1.10	18	8	407	26	8	435	15	4941	159	16	75	48
LUBG043	0.43	12	11	283	10	4	278	9	1368	44	11	22	46
LUBG044	1.40	12	9	271	24	10	379	12	2596	72	15	52	47
LUBG045	0.30	13	17	406	14	5	175	6	1508	50	13	43	65
LUBG046	1.08	12	6	1234	14	5	465	7	2843	74	11	57	31
LUBG047	1.16	17	11	656	17	7	392	11	3146	87	16	66	56
LUBG048	C.99	15	16	803	22	7	250	11	3003	82	16	74	69

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCAG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CCA1	CON2	CON3	FORM
LUBG049	38.639	114.313	06	71480				3	1	1	2			8	QTRN
LUBG050	38.661	114.325	06	71480				3	1	1	2			8	QTRN
LUBG051	38.661	114.363	07	71480				3	1	1	2			8	QTRN
LUBG052	38.657	114.393	06	71480				3	1	1	2			8	QTRN
LUBG053	38.679	114.347	06	71480				3	1	1	2			8	QTRN
LUBG054	38.701	114.356	06	71480				3	1	1	2			8	QTRN
LUBG055	38.724	114.363	06	71480				3	1	1	2			8	QTRN
LUBG056	38.642	114.421	06	71680				3	1	1	2			8	QTRN
LUBG057	38.604	114.401	06	71680				3	1	1	2			8	QTRN
LUBG058	38.583	114.389	06	71680				3	1	1	2			8	QTRN
LUBG059	38.565	114.375	06	71680				3	1	1	2			8	QTRN
LUBH001	38.601	114.222	06	42380				4	1	1	2			8	QTRN
LUBH002	38.570	114.236	06	42380				4	1	1	2			8	QTRN
LUBH003	38.535	114.225	06	42380				4	1	1	2			8	QTRN
LUBH004	38.514	114.214	06	42380				4	1	1	2			8	QTRN
LUBH005	38.510	114.191	06	42380				4	1	1	2			8	QTRN
LUBH006	38.512	114.152	06	42380				4	1	1	2			8	QTRN
LUBH007	38.581	114.193	06	42480				4	1	1	2			8	QTRN
LUBH008	38.597	114.178	06	42480				4	1	1	2			8	QTRN
LUBH009	38.615	114.155	07	42480				4	1	1	2			8	QTRN
LUBH010	38.586	114.144	06	42480				4	1	1	2			8	QTRN
LUBH011	38.552	114.162	06	42480				4	1	1	2			8	QTRN
LUBH012	38.533	114.174	06	42480				4	1	1	2			8	QTRN
LUBH013	38.595	114.249	06	42880				4	1	1	2			8	QTRN
LUBH014	38.597	114.198	06	42880				4	1	1	2			8	QTRN
LUBH015	38.574	114.166	06	42880				4	1	1	2			8	QTRN
LUBH016	38.567	114.193	06	42880				4	1	1	2			8	QTRN
LUBH017	38.530	114.198	06	42880				4	1	1	2			8	QTRN
LUBH018	38.528	114.246	06	42880				4	1	1	2			8	QTRN
LUBH019	38.743	114.072	07	71380				3	1	1	2			8	QTRN
LUBH020	38.723	114.082	06	71380				3	1	1	2			8	QTRN
LUBH021	38.706	114.097	06	71380				4	1	1	2			8	QTRN
LUBH022	38.689	114.113	06	71380				4	1	1	2			8	QTRN
LUBH023	38.672	114.106	06	71380				4	1	1	2			8	QTRN
LUBH024	38.690	114.130	06	71380				3	1	1	2			8	QTRN
LUBH025	38.654	114.124	06	71380				4	1	1	2			8	QTRN
LUBH026	38.636	114.106	06	71380				3	1	1	2			8	QTRN
LUBH027	38.629	114.080	06	71380				3	1	1	2			8	QTRN
LUBH028	38.644	114.063	06	71380				3	1	1	2			8	QTRN
LUBH029	38.649	114.041	06	71380				3	1	1	2			8	QTRN
LUBH030	38.653	114.008	06	71380				3	1	1	2			8	QTRN
LUBH031	38.630	114.015	06	71380				3	1	1	2			8	QTRN
LUBH032	38.676	114.056	06	71380				2	1	1	2			8	QTRN
LUBH033	38.669	114.025	06	71380				3	1	1	2			8	QTRN
LUBH034	38.692	114.023	06	71380				3	1	1	2			8	QTRN
LUBH035	38.701	114.054	06	71380				3	1	1	2			8	QTRN
LUBH036	38.722	114.042	06	71380				3	1	1	2			8	QTRN
LUBH037	38.730	114.015	06	71380				3	1	1	2			8	QTRN
LUBH038	38.708	114.005	06	71380				3	1	1	2			8	QTRN
LUBH039	38.745	114.044	06	71380				3	1	1	2			8	QTRN
LUBH040	38.719	114.235	06	71480				3	1	1	2			8	QTRN
LUC A001	38.492	115.917	06	51480				2	1	1	2			8	QTRN
LUC A002	38.473	115.916	06	51480				2	1	1	2			8	QTRN
LUC A003	38.455	115.907	06	51480				3	1	1	2			8	QTRN
LUC A004	38.431	115.931	06	51480				3	1	1	2			8	QTRN

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUBG049	10		40.00	10	1	1	1	3	1	NJ1106	2.37	<2	6.39	29
LUBG050	10		32.00	10	1	1	1	3	1	NJ1106	2.45	<2	6.03	21
LUBG051	10		42.00	10	1	1	1	3	1	NJ1106	2.59	<2	6.50	22
LUBG052	10		56.00	10	1	1	1	3	1	NJ1106	1.85	<2	7.66	16
LUBG053	10		38.00	10	1	1	1	3	1	NJ1106	1.52	<2	5.96	31
LUBG054	10		74.00	10	1	1	1	3	1	NJ1106	2.03	<2	5.53	35
LUBG055	10		32.00	10	1	1	1	3	1	NJ1106	2.13	<2	5.83	27
LUBG056	10		60.00	10	1	1	1	3	1	NJ1106	2.04	<2	7.55	18
LUBG057	10		68.00	10	1	1	1	3	1	NJ1106	2.64	<2	8.76	21
LUBG058	10		60.00	10	1	1	1	3	1	NJ1106	2.32	<2	9.28	17
LUBG059	10		65.00	10	1	1	1	3	1	NJ1106	2.58	<2	8.78	23
LUBH001	10		50.00	10	1	1	1	3	2	NJ1106	2.23	<2	5.34	15
LUBH002	10		55.00	10	1	1	1	3	2	NJ1106	2.17	<2	4.43	18
LUBH003	10		32.00	10	1	1	1	3	2	NJ1106	1.79	<2	3.07	26
LUBH004	10		40.00	10	1	1	1	3	2	NJ1106	1.55	<2	4.12	25
LUBH005	10		85.00	10	1	1	1	4	2	NJ1106	2.68	<2	5.06	31
LUBH006	10		35.00	10	1	1	1	3	2	NJ1106	2.59	<2	6.58	25
LUBH007	10		70.00	10	1	1	1	3	2	NJ1106	3.58	<2	5.26	22
LUBH008	10		50.00	10	1	1	1	3	2	NJ1106	3.55	<2	5.23	14
LUBH009	10		50.00	10	1	1	1	3	2	NJ1106	2.68	<2	4.96	11
LUBH010	10		95.00	10	1	1	1	3	1	NJ1106	2.75	<2	6.03	32
LUBH011	10		95.00	10	1	1	1	3	1	NJ1106	2.77	<2	6.90	50
LUBH012	10		92.00	10	1	1	1	3	2	NJ1106	2.54	<2	6.71	39
LUBH013	10		35.00	10	1	1	1	3	2	NJ1106	2.40	<2	4.79	20
LUBH014	10		35.00	10	1	1	1	3	2	NJ1106	2.53	<2	5.45	13
LUBH015	10		40.00	10	1	1	1	3	2	NJ1106	3.18	<2	6.63	36
LUBH016	10		45.00	10	1	1	1	3	1	NJ1106	2.46	<2	5.58	22
LUBH017	10		50.00	10	1	1	1	3	2	NJ1106	1.64	<2	4.59	28
LUBH018	10		50.00	10	1	1	1	2	2	NJ1106	1.65	<2	3.23	17
LUBH019	10		56.00	10	1	1	1	3	1	NJ1106	2.56	<2	6.69	24
LUBH020	10		45.00	10	1	1	1	3	1	NJ1106	2.63	<2	7.09	29
LUBH021	10		32.00	10	1	1	1	3	1	NJ1106	2.15	<2	5.65	27
LUBH022	10		34.00	10	1	1	1	3	1	NJ1106	1.60	<2	4.89	44
LUBH023	10		24.00	10	1	1	1	3	1	NJ1106	1.57	<2	3.84	22
LUBH024	10		16.00	10	1	1	1	3	1	NJ1106	2.64	<2	4.92	26
LUBH025	10		30.00	10	1	1	1	3	1	NJ1106	2.03	<2	4.55	27
LUBH026	10		20.00	10	1	1	1	3	1	NJ1106	1.55	<2	5.33	11
LUBH027	10		22.00	10	1	1	1	3	1	NJ1106	2.35	<2	5.79	26
LUBH028	10		26.00	10	1	1	1	3	1	NJ1106	2.39	<2	5.77	29
LUBH029	10		20.00	10	1	1	1	3	1	NJ1106	1.57	<2	3.67	18
LUBH030	10		22.00	10	1	1	1	2	1	NJ1106	2.66	<2	4.44	48
LUBH031	10		15.00	10	1	1	1	3	3	NJ1106	2.01	<2	3.37	20
LUBH032	10		20.00	10	1	1	1	3	1	NJ1106	2.66	<2	4.44	17
LUBH033	10		18.00	10	1	1	2	3	1	NJ1106	2.62	<2	5.04	19
LUBH034	10		22.00	10	1	1	1	3	1	NJ1106	2.66	<2	3.67	<10
LUBH035	10		27.00	10	1	1	1	3	1	NJ1106	2.56	<2	4.93	12
LUBH036	10		29.00	10	1	1	1	3	1	NJ1106	2.32	<2	5.80	15
LUBH037	10		22.00	10	1	1	1	3	1	NJ1106	1.55	<2	4.28	22
LUBH038	10		20.00	10	1	1	1	3	1	NJ1106	2.03	<2	4.53	23
LUBH039	10		29.00	10	1	1	1	3	1	NJ1106	1.67	<2	3.56	19
LUBH040	10		18.00	10	1	1	2	2	1	NJ1106	1.35	<2	4.06	17
LUCA001	10		50.00	10	1	1	2	3	1	NJ1106	3.10	<2	7.48	20
LUCA002	10		70.00	10	1	1	2	3	1	NJ1106	3.14	<2	7.29	21
LUCA003	10		70.00	10	1	1	2	3	1	NJ1106	3.28	<2	7.86	22
LUCA004	10		65.00	10	1	1	2	3	1	NJ1106	2.53	<2	7.52	20

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MC
LUBG049	580	2	3.43	66	7	28	16	2.49	<15	2.02	35	31	1.06	551	<4
LUBG050	539	2	4.27	63	7	30	18	2.49	<15	1.84	33	30	1.19	544	<4
LUBG051	567	2	3.08	66	7	29	15	2.81	<15	1.82	36	28	1.03	547	<4
LUBG052	629	2	2.16	76	7	18	14	2.35	<15	1.87	37	28	0.84	606	<4
LUBG053	524	2	4.61	56	7	31	19	2.49	<15	1.75	30	31	1.28	561	<4
LUBG054	451	2	6.42	50	6	35	15	2.09	<15	1.57	27	31	1.06	460	<4
LUBG055	510	2	5.25	61	7	28	16	2.33	<15	1.70	31	28	1.09	486	<4
LUBG056	601	2	2.27	67	7	21	15	2.54	46	1.91	26	30	0.86	541	<4
LUBG057	743	2	2.07	89	9	18	15	3.12	<15	1.71	45	28	0.98	621	<4
LUBG058	686	2	2.22	64	10	22	17	3.10	<15	1.86	34	31	0.92	695	<4
LUBG059	756	2	1.58	74	12	35	22	3.43	<15	2.00	38	35	1.00	918	<4
LUBH001	520	1	7.65	46	6	22	16	1.91	<15	1.58	24	30	2.03	569	<4
LUBH002	455	1	9.70	40	5	21	13	1.68	<15	1.25	19	27	2.58	450	<4
LUBH003	296	1	12.98	33	4	18	9	1.32	<15	0.97	16	18	3.83	294	<4
LUBH004	401	1	9.70	39	5	19	10	1.73	<15	1.17	21	25	3.05	440	<4
LUBH005	463	2	6.51	52	6	22	14	2.06	<15	1.48	27	31	1.79	515	<4
LUBH006	613	2	3.49	68	10	25	21	2.63	<15	2.06	33	42	1.47	1012	<4
LUBH007	552	1	6.08	61	7	25	15	2.37	<15	1.64	32	31	1.61	729	<4
LUBH008	511	1	7.70	51	6	24	14	1.98	<15	1.58	28	32	1.52	608	<4
LUBH009	454	1	8.06	52	6	26	13	2.51	<15	1.34	28	27	1.67	520	<4
LUBH010	565	2	4.24	59	7	28	19	2.49	<15	2.01	30	37	1.55	648	<4
LUBH011	539	2	3.09	60	7	31	23	2.89	<15	2.28	32	48	1.75	539	<4
LUBH012	548	2	2.87	62	7	29	22	2.79	<15	2.01	33	44	1.60	604	<4
LUBH013	464	1	8.15	41	5	22	12	1.92	<15	1.29	22	26	2.42	473	<4
LUBH014	525	1	7.27	61	7	24	12	2.14	<15	1.38	32	28	1.40	549	<4
LUBH015	563	2	2.88	60	8	27	22	2.56	<15	2.12	31	42	1.53	664	<4
LUBH016	444	2	8.03	48	6	30	21	2.41	<15	1.65	25	46	2.18	365	<4
LUBH017	487	1	9.61	37	6	23	14	1.76	<15	1.45	19	32	2.51	625	<4
LUBH018	322	1	12.84	32	4	14	9	1.40	<15	0.83	18	22	3.81	334	<4
LUBH019	670	2	4.01	71	7	30	13	3.10	<15	2.08	38	36	1.51	711	<4
LUBH020	692	2	4.57	61	7	32	19	3.00	15	2.43	34	48	1.84	685	<4
LUBH021	595	1	8.14	41	6	23	13	1.83	<15	1.77	23	40	2.15	620	<4
LUBH022	527	1	9.13	38	5	21	13	1.70	<15	1.62	19	38	2.54	533	<4
LUBH023	334	1	13.96	36	5	18	10	1.45	<15	0.91	17	27	3.29	407	<4
LUBH024	480	1	10.99	37	5	22	15	1.76	<15	1.57	18	35	2.26	463	<4
LUBH025	412	1	12.64	33	5	22	11	1.71	<15	1.23	18	31	2.69	482	<4
LUBH026	487	1	9.04	45	5	22	11	2.08	<15	1.48	26	32	1.92	515	<4
LUBH027	560	1	5.32	56	6	27	15	2.03	<15	1.85	27	36	1.47	532	<4
LUBH028	539	1	6.40	52	7	33	16	2.52	<15	1.78	27	36	1.25	497	<4
LUBH029	246	1	7.79	51	9	43	9	3.67	<15	1.09	27	24	1.30	494	<4
LUBH030	337	1	12.47	34	6	51	11	2.03	<15	1.02	21	34	0.82	321	<4
LUBH031	323	1	16.70	38	6	22	8	1.81	<15	1.22	21	24	2.11	390	<4
LUBH032	432	1	9.13	42	5	27	9	1.92	<15	1.37	22	30	1.37	356	<4
LUBH033	490	1	8.06	44	5	34	12	1.92	<15	1.47	23	41	1.53	387	<4
LUBH034	248	1	13.04	44	5	33	9	1.88	<15	1.03	23	30	2.22	348	<4
LUBH035	466	1	7.80	50	6	29	11	2.20	<15	1.42	28	31	1.49	465	<4
LUBH036	509	1	5.39	65	10	43	10	4.20	<15	1.61	36	30	1.29	608	<4
LUBH037	408	1	11.39	43	5	29	12	1.79	<15	1.30	22	36	2.25	359	<4
LUBH038	270	1	12.44	33	4	27	6	1.33	<15	1.12	15	30	1.27	286	<4
LUBH039	293	1	4.70	30	5	26	8	2.18	<15	1.48	17	25	1.23	313	<4
LUBH040	384	1	12.69	49	5	17	11	1.74	<15	0.98	26	24	2.65	413	<4
LUC A001	784	2	1.75	60	8	47	13	2.46	<15	2.12	35	38	1.03	540	<4
LUC A002	613	2	1.66	73	7	38	10	2.19	<15	2.06	38	34	0.78	501	<4
LUC A003	617	2	1.59	69	6	26	10	2.56	<15	2.30	40	35	0.74	492	<4
LUC A004	626	2	1.92	94	7	24	7	2.37	<15	2.16	53	33	0.76	515	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUBG049	1.10	15	12	582	16	7	280	12	2941	82	15	66	65
LUBG050	0.98	15	13	578	24	7	267	10	3079	22	14	65	65
LUBG051	1.16	15	12	553	29	7	315	11	3349	101	15	67	61
LUBG052	1.23	13	10	527	24	7	348	8	2782	62	16	60	62
LUBG053	0.87	14	15	783	27	7	252	13	2830	79	14	71	65
LUBG054	0.79	13	19	339	19	6	271	9	2461	70	14	65	59
LUBG055	0.95	15	14	650	17	6	275	14	2833	76	13	62	59
LUBG056	1.34	13	12	530	22	8	355	16	3330	78	15	62	58
LUBG057	1.10	12	10	696	20	8	286	14	3151	59	15	76	75
LUBG058	1.54	11	14	594	17	9	369	6	3609	75	16	71	55
LUBG059	1.26	14	18	759	20	10	231	12	3917	76	15	62	75
LUBH001	0.89	13	13	623	15	5	290	9	2052	52	12	64	50
LUBH002	0.71	14	11	566	13	5	249	7	1767	46	10	56	43
LUBH003	0.49	12	12	359	<10	3	193	11	1443	40	8	36	33
LUBH004	0.72	12	9	407	15	4	247	7	1950	51	11	46	41
LUBH005	0.74	15	14	588	14	5	284	8	2173	57	15	80	56
LUBH006	0.97	16	18	778	16	7	252	14	2662	68	19	82	70
LUBH007	0.94	13	15	760	20	6	313	13	2685	72	14	77	55
LUBH008	0.81	14	13	767	15	6	285	14	2072	54	14	64	54
LUBH009	0.81	14	13	572	12	6	298	9	2790	80	13	65	49
LUBH010	0.96	13	17	976	15	7	279	13	2503	66	15	65	63
LUBH011	0.92	16	17	1245	<10	8	238	12	2857	70	18	56	74
LUBH012	0.91	17	19	1003	13	8	238	8	2896	71	19	101	74
LUBH013	0.79	12	13	442	12	5	269	6	2117	54	11	62	47
LUBH014	0.85	14	15	553	16	6	312	14	2343	66	14	60	52
LUBH015	0.96	15	21	882	16	7	248	11	2618	63	18	56	70
LUBH016	0.57	15	17	1137	12	7	309	11	2204	58	15	64	63
LUBH017	0.73	10	16	751	12	5	247	9	1969	42	12	56	52
LUBH018	0.55	9	9	314	<10	4	179	<2	1646	38	5	37	34
LUBH019	1.52	13	12	715	19	7	395	11	3438	89	15	70	60
LUBH020	1.50	14	15	1054	19	7	359	5	3578	77	16	80	74
LUBH021	1.11	10	12	846	11	5	346	9	2196	41	12	62	53
LUBH022	0.87	9	13	956	10	5	307	8	1890	38	11	51	49
LUBH023	0.49	9	13	416	<10	4	208	10	1483	34	10	38	42
LUBH024	0.87	11	11	550	15	5	267	9	1964	42	11	52	52
LUBH025	0.62	12	12	496	<10	5	222	3	1831	39	12	46	51
LUBH026	1.00	11	11	553	13	5	305	10	2383	53	12	54	52
LUBH027	1.12	12	11	651	21	6	279	13	2360	53	13	61	61
LUBH028	0.98	12	16	539	13	6	280	14	2700	67	12	67	65
LUBH029	0.65	11	13	405	11	5	253	13	3667	135	11	71	48
LUBH030	0.69	10	26	985	<10	5	461	2	1883	61	16	60	50
LUBH031	0.54	11	14	293	<10	4	283	6	1865	53	12	40	44
LUBH032	0.85	10	13	429	<10	5	287	8	2061	58	11	52	49
LUBH033	0.94	11	17	595	14	5	302	9	2174	52	13	63	61
LUBH034	0.65	11	16	525	10	5	301	13	2202	64	12	56	48
LUBH035	0.94	11	13	484	13	5	313	11	2481	64	12	57	51
LUBH036	1.31	14	16	357	12	7	363	12	4255	148	14	78	50
LUBH037	0.80	12	15	447	13	5	397	6	2094	54	11	53	53
LUBH038	0.97	9	12	465	<10	5	385	<2	1442	35	12	42	39
LUBH039	0.71	5	8	269	16	3	187	6	2193	76	8	43	52
LUBH040	0.74	10	5	459	17	4	238	13	2085	45	10	45	42
LUCA001	1.87	15	29	672	13	6	391	3	3307	53	15	62	75
LUCA002	1.80	14	21	424	16	6	395	19	2894	50	14	55	67
LUCA003	1.94	14	16	395	20	7	386	12	3247	65	14	66	68
LUCA004	2.06	13	15	424	20	6	426	18	3362	59	15	58	66

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CCN1	CON2	CON3	FORM
LUCA005	38.417	115.954	06	51480				4	1	1	2			8	QTRN
LUCA006	38.436	115.979	06	51480				3	1	1	2			8	QTRN
LUCA007	38.419	115.985	06	51480				4	1	1	2			8	QTRN
LUCA008	38.458	115.992	06	51480				3	1	1	2			8	QTRN
LUCA009	38.480	115.970	06	51480				2	1	1	2			8	QTRN
LUCA010	38.470	115.977	01	51480				2	1	1	2		8	5	QTRN
LUCA011	38.482	115.944	06	51480				3	1	1	2			8	QTRN
LUCA012	38.460	115.944	06	51480				3	1	1	2			8	QTRN
LUCA013	38.392	115.959	06	51480				2	1	1	2			8	QTRN
LUCA014	38.372	115.997	06	51480				3	1	1	2			8	QTRN
LUCA015	38.405	115.932	06	51480				3	1	1	2			8	QTRN
LUCA016	38.395	115.903	06	51480				3	1	1	2			8	QTRN
LUCA017	38.396	115.862	06	51480				3	1	1	2			8	QTRN
LUCA018	38.419	115.845	06	51480				3	1	1	2			8	QTRN
LUCA019	38.446	115.827	06	51480				3	1	1	2			8	QTRN
LUCA020	38.477	115.817	06	51580				3	1	1	2			8	QTRN
LUCA021	38.478	115.846	06	51580				2	1	1	2			8	QTRN
LUCA022	38.462	115.844	06	51580				2	1	1	2			8	QTRN
LUCA023	38.440	115.860	06	51580				3	1	1	2			8	QTRN
LUCA024	38.377	115.842	06	51580				4	1	1	2			8	QTRN
LUCA025	38.372	115.813	06	51580				4	1	1	2			8	QTRN
LUCA026	38.400	115.814	06	51580				4	1	1	2			8	QTRN
LUCA027	38.425	115.800	06	51580				4	1	1	2			8	QTRN
LUCA028	38.395	115.766	06	51580				4	1	1	2			8	QTRN
LUCA029	38.369	115.782	06	51580				4	1	1	2			8	QTRN
LUCA030	38.353	115.817	06	51580				4	1	1	2			8	QTRN
LUCA031	38.363	115.868	06	51580				3	1	1	2			8	QTRN
LUCA032	38.344	115.858	06	51580				4	1	1	2			8	QTRN
LUCA033	38.327	115.850	06	51580				3	1	1	2			8	QTRN
LUCA034	38.297	115.832	06	51580				4	1	1	2			8	QTRN
LUCA035	38.284	115.848	06	51580				4	1	1	2			8	QTRN
LUCA036	38.268	115.871	06	51580				3	1	1	2			8	QTRN
LUCA037	38.257	115.987	06	51580				3	1	1	2			8	QTRN
LUCA038	38.277	115.997	06	51580				3	1	1	2			8	QTRN
LUCA039	38.298	115.999	06	51580				3	1	1	2			8	QTRN
LUCA040	38.320	115.986	06	51580				3	1	1	2			8	QTRN
LUCA041	38.487	115.795	06	51680				3	1	1	2			8	QTRN
LUCA042	38.371	115.883	06	51580				3	1	1	2			8	QTRN
LUCA043	38.378	115.906	06	51580				3	1	1	2			8	QTRN
LUCA044	38.347	115.874	06	51680				4	1	1	2			8	QTRN
LUCA045	38.342	115.900	06	51580				2	1	1	2			8	QTRN
LUCA046	38.330	115.884	06	51680				4	1	1	2			8	QTRN
LUCA047	38.319	115.887	06	51680				3	1	1	2			8	QTRN
LUCA048	38.318	115.907	06	51680				3	1	1	2			8	QTRN
LUCA049	38.296	115.879	06	51680				3	1	1	2			8	QTRN
LUCA050	38.252	115.927	06	51680				3	1	1	2			8	QTRN
LUCA051	38.300	115.926	06	51680				3	1	1	2			8	QTRN
LUCA052	38.278	115.936	06	51680				3	1	1	2			8	QTRN
LUCA053	38.266	115.956	06	51680				3	1	1	2			8	QTRN
LUCA054	38.256	115.764	06	51680				4	1	1	2			8	QTRN
LUCA055	38.270	115.763	06	51680				4	1	1	2			8	QTRN
LUCA056	38.261	115.811	06	51980				4	1	1	2	7	7	8	QTRN
LUCA057	38.282	115.821	06	51980				4	1	1	2		9	8	QTRN
LUCA058	38.320	115.818	06	51980				4	1	1	2			8	QTRN
LUCA059	38.320	115.783	06	51980				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FCR SECIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SEIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUCA005	10		65.00	10	1	1	1	3	1	NJ1106	3.24	<2	7.49	21
LUCA006	10		63.00	10	1	1	1	3	1	NJ1106	2.61	<2	7.77	24
LUCA007	10		55.00	10	1	1	1	3	1	NJ1106	2.24	<2	7.56	34
LUCA008	10		63.00	10	1	1	1	3	1	NJ1106	1.36	<2	8.75	23
LUCA009	10		75.00	10	1	1	2	3	1	NJ1106	1.67	<2	8.65	33
LUCA010	10		45.00	03	1	1	2	3	1	NJ1106	2.02	<2	8.80	19
LUCA011	10		53.00	10	1	1	1	3	1	NJ1106	2.38	<2	8.21	26
LUCA012	10		52.00	10	1	1	1	3	1	NJ1106	3.07	<2	8.19	21
LUCA013	10		85.00	10	1	1	2	3	1	NJ1106	3.58	<2	8.85	25
LUCA014	10		63.00	10	1	1	2	3	2	NJ1106	3.01	<2	8.14	22
LUCA015	10		83.00	10	1	1	2	3	1	NJ1106	4.32	<2	8.03	28
LUCA016	10		73.00	10	1	1	2	3	1	NJ1106	1.37	<2	8.24	27
LUCA017	10		75.00	10	1	1	1	3	1	NJ1106	2.07	<2	7.72	36
LUCA018	10		83.00	10	1	1	1	3	1	NJ1106	2.44	<2	8.53	22
LUCA019	10		65.00	10	1	1	1	3	1	NJ1106	2.46	<2	8.68	23
LUCA020	10		63.00	10	1	1	2	3	1	NJ1106	2.69	<2	7.92	27
LUCA021	10		63.00	10	1	1	1	3	1	NJ1106	2.61	<2	7.80	29
LUCA022	10		63.00	10	1	1	2	3	1	NJ1106	3.18	<2	7.86	28
LUCA023	10		73.00	10	1	1	1	3	1	NJ1106	2.61	<2	8.29	23
LUCA024	10		55.00	10	1	1	1	3	1	NJ1106	3.07	<2	7.85	33
LUCA025	10		65.00	10	1	1	1	3	1	NJ1106	3.53	<2	7.60	51
LUCA025	10		63.00	10	1	1	1	3	1	NJ1106	3.41	<2	7.73	37
LUCA027	10		63.00	10	1	1	1	3	1	NJ1106	3.09	<2	7.25	55
LUCA028	10		63.00	10	1	1	1	3	1	NJ1106	3.23	<2	7.35	50
LUCA029	10		63.00	10	1	1	1	3	1	NJ1106	3.53	<2	7.68	32
LUCA030	10		54.00	10	1	1	1	3	1	NJ1106	3.75	<2	7.64	33
LUCA031	10		65.00	10	1	1	1	3	1	NJ1106	2.70	<2	7.50	52
LUCA032	10		54.00	10	1	1	1	3	1	NJ1106	2.74	<2	7.87	24
LUCA033	10		55.00	10	1	1	1	3	1	NJ1106	3.07	<2	6.95	28
LUCA034	10		68.00	10	1	1	1	3	1	NJ1106	3.42	<2	7.90	27
LUCA035	10		74.00	10	1	1	1	3	1	NJ1106	3.25	<2	8.07	25
LUCA035	10		63.00	10	1	1	1	3	1	NJ1106	3.56	<2	8.06	24
LUCA037	10		64.00	10	1	1	1	3	1	NJ1106	3.60	<2	8.22	15
LUCA038	10		65.00	10	1	1	1	3	1	NJ1106	2.01	<2	8.30	19
LUCA039	10		65.00	10	1	1	1	3	1	NJ1106	2.52	<2	8.17	26
LUCA040	10		64.00	10	1	1	1	3	1	NJ1106	2.68	<2	8.35	20
LUCA041	10		64.00	10	1	1	1	3	1	NJ1106	3.62	<2	8.10	23
LUCA042	10		75.00	10	1	1	1	3	1	NJ1106	2.57	<2	8.16	23
LUCA043	10		75.00	10	1	1	1	3	1	NJ1106	3.89	<2	8.25	21
LUCA044	10		65.00	10	1	1	1	3	1	NJ1106	3.64	<2	7.72	33
LUCA045	10		75.00	10	1	1	1	3	1	NJ1106	3.70	2	8.10	29
LUCA046	10		74.00	10	1	1	1	3	1	NJ1106	2.11	<2	7.55	26
LUCA047	10		65.00	10	1	1	1	3	1	NJ1106	2.41	<2	8.46	20
LUCA048	10		68.00	10	1	1	1	3	1	NJ1106	2.80	<2	8.74	20
LUCA049	10		74.00	10	1	1	1	3	1	NJ1106	2.72	<2	8.41	23
LUCA050	10		68.00	10	1	1	1	3	1	NJ1106	2.68	<2	8.44	19
LUCA051	10		70.00	10	1	1	1	3	1	NJ1106	2.88	<2	8.39	25
LUCA052	10		74.00	10	1	1	1	3	1	NJ1106	2.82	<2	8.38	18
LUCA053	10		69.00	10	1	1	1	3	1	NJ1106	2.09	<2	8.14	33
LUCA054	10		65.00	10	1	1	1	3	1	NJ1106	2.39	<2	7.24	44
LUCA055	10		60.00	10	1	1	1	3	1	NJ1106	2.71	<2	7.35	30
LUCA056	10		68.00	10	1	1	1	3	1	NJ1106	3.11	<2	7.84	23
LUCA057	10		50.00	10	1	1	1	3	1	NJ1106	2.74	<2	7.65	24
LUCA058	10		68.00	10	1	1	1	3	1	NJ1106	2.77	<2	8.08	27
LUCA059	10		55.00	10	1	1	1	3	1	NJ1106	2.75	<2	7.37	28

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MC
LUCA005	E19	2	1.61	76	5	21	8	1.92	<15	2.24	42	34	0.70	537	<4
LUCA006	774	2	1.62	91	6	34	10	2.41	<15	2.10	52	35	0.77	453	<4
LUCA007	773	2	1.81	77	7	31	13	2.68	<15	2.31	43	45	0.98	672	<4
LUCA008	E23	2	2.12	63	8	42	11	2.66	<15	2.02	37	31	1.05	560	<4
LUCA009	E86	2	2.32	65	11	46	25	3.19	<15	1.95	35	36	1.28	694	<4
LUCA010	704	2	4.35	84	21	88	41	6.05	<15	1.55	44	23	2.04	1101	<4
LUCA011	E59	2	2.24	81	12	62	19	3.30	<15	1.94	42	34	1.38	653	<4
LUCA012	756	2	2.10	86	10	49	11	2.71	<15	1.83	47	26	1.17	539	<4
LUCA013	777	2	1.40	80	4	12	7	2.03	<15	2.71	45	30	0.60	531	<4
LUCA014	743	2	1.61	76	6	17	8	2.48	<15	2.05	42	31	0.63	613	<4
LUCA015	E71	2	1.30	77	<4	10	5	1.89	<15	2.47	44	21	0.48	497	<4
LUCA016	E01	2	2.03	75	4	21	6	2.25	<15	1.82	42	30	0.69	351	<4
LUCA017	E19	2	3.74	68	<4	15	6	1.76	<15	2.20	42	45	0.84	363	<4
LUCA018	E12	2	2.27	70	5	16	6	2.13	<15	1.94	40	32	0.65	480	<4
LUCA019	E56	2	2.00	70	<4	14	5	1.79	17	2.45	41	42	0.66	397	<4
LUCA020	E06	2	1.98	72	5	18	7	2.02	<15	2.10	40	35	0.81	454	<4
LUCA021	E40	2	2.25	72	4	15	8	2.01	<15	1.87	35	23	0.75	409	<4
LUCA022	742	2	2.45	80	6	23	6	2.61	<15	1.60	41	27	0.79	504	<4
LUCA023	764	2	1.77	62	4	16	7	1.95	<15	2.17	36	32	0.67	463	<4
LUCA024	E84	2	2.51	74	<4	11	3	1.60	<15	2.10	44	37	0.62	320	<4
LUCA025	E01	2	3.14	66	<4	13	7	1.61	<15	2.30	37	54	0.91	424	<4
LUCA026	E41	2	2.61	75	<4	12	4	1.67	<15	2.18	43	45	0.70	341	<4
LUCA027	E52	2	3.91	71	<4	11	3	1.64	<15	1.90	43	81	0.80	293	<4
LUCA028	E05	2	2.84	73	<4	12	4	1.69	<15	2.17	47	75	0.85	323	<4
LUCA029	E27	2	2.23	71	4	13	6	1.83	<15	2.02	41	36	0.68	395	<4
LUCA030	E89	2	3.14	64	<4	9	5	1.30	<15	2.21	37	42	0.72	291	<4
LUCA031	E09	2	3.41	121	4	15	5	1.95	15	1.92	72	51	0.93	392	<4
LUCA032	E46	2	2.24	81	4	51	5	1.78	<15	2.14	49	38	0.63	374	<4
LUCA033	734	2	3.79	61	<4	12	6	1.52	<15	1.86	36	40	0.91	386	<4
LUCA034	E47	2	2.23	63	<4	12	6	1.69	<15	2.11	38	36	0.64	384	<4
LUCA035	E38	2	2.23	73	4	14	7	1.87	<15	2.15	41	36	0.69	441	<4
LUCA036	E56	2	1.76	78	4	12	6	1.66	<15	2.24	43	33	0.58	417	<4
LUCA037	E35	2	1.74	94	4	17	5	2.17	<15	1.97	51	28	0.58	414	<4
LUCA038	794	2	2.06	68	6	13	7	3.14	<15	1.88	37	28	0.85	592	<4
LUCA039	744	2	1.82	61	7	16	9	2.60	<15	1.94	34	21	0.82	556	<4
LUCA040	784	2	1.68	71	5	19	8	2.45	<15	1.99	40	28	0.65	498	<4
LUCA041	777	2	1.80	69	4	11	5	1.68	<15	2.15	40	27	0.59	432	<4
LUCA042	E92	2	2.43	95	6	40	5	2.16	<15	1.96	51	35	0.77	413	<4
LUCA043	774	2	1.59	60	<4	9	4	1.59	<15	2.34	35	24	0.46	430	<4
LUCA044	E98	2	3.07	67	<4	11	5	1.42	<15	2.12	40	35	0.57	304	<4
LUCA045	E37	2	1.84	78	4	13	6	1.52	<15	2.07	45	28	0.49	292	<4
LUCA046	768	2	3.36	55	<4	11	6	1.50	<15	1.85	32	31	0.69	338	<4
LUCA047	E42	2	1.76	77	4	12	5	1.96	<15	2.14	47	28	0.54	402	<4
LUCA048	E57	2	1.80	72	4	24	5	2.13	<15	2.24	44	31	0.57	437	<4
LUCA049	E31	2	1.71	71	4	14	6	1.91	<15	2.11	42	25	0.60	390	<4
LUCA050	E09	2	1.95	77	5	15	6	2.15	<15	1.91	46	26	0.61	407	<4
LUCA051	E10	2	1.88	74	4	16	7	2.03	<15	1.99	43	30	0.70	454	<4
LUCA052	E25	2	1.72	78	4	15	6	2.24	<15	2.02	45	27	0.56	449	<4
LUCA053	721	2	2.62	73	5	16	9	2.14	<15	2.24	40	37	0.85	495	<4
LUCA054	E57	2	5.30	67	7	25	12	2.53	<15	1.92	34	40	1.70	687	<4
LUCA055	785	2	3.50	66	5	14	7	1.61	<15	1.92	35	32	1.06	535	<4
LUCA056	E43	1	2.62	73	<4	25	5	1.79	<15	2.16	41	36	0.80	420	<4
LUCA057	E31	2	2.44	78	4	14	6	1.74	<15	1.98	45	32	0.79	446	<4
LUCA058	E76	2	2.16	60	<4	12	5	1.68	<15	2.28	35	36	0.71	524	<4
LUCA059	E15	2	3.01	63	<4	13	4	1.72	<15	1.38	38	32	0.88	433	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUCA005	1.81	12	13	450	13	5	384	15	2432	44	15	56	67
LUCA005	1.65	12	19	395	15	6	386	16	3041	60	15	66	72
LUCA007	1.62	14	15	747	18	7	331	14	3427	69	15	61	79
LUCA009	1.58	17	22	913	16	7	439	10	3374	60	15	67	77
LUCA009	1.37	21	36	874	<10	8	381	8	4013	63	15	75	89
LUCA010	1.79	52	51	2286	<10	12	745	7	8810	129	21	85	174
LUCA011	1.40	21	41	927	17	8	394	20	4179	74	15	71	86
LUCA012	1.45	18	30	760	20	7	423	20	3312	60	15	57	69
LUCA013	1.61	14	7	417	21	6	323	7	2217	30	15	64	87
LUCA014	1.64	16	9	398	19	5	369	10	2823	50	17	60	68
LUCA015	1.44	14	5	353	22	5	285	16	2073	35	17	54	70
LUCA015	1.34	12	10	250	17	6	408	11	2415	53	13	62	62
LUCA017	1.77	11	7	391	17	4	547	12	2182	44	12	45	52
LUCA018	1.63	11	9	401	21	5	463	18	2399	54	13	52	52
LUCA019	1.95	11	6	395	16	4	458	9	2090	41	13	46	52
LUCA020	1.60	12	10	411	21	5	401	18	2468	45	14	55	57
LUCA021	1.36	13	10	392	20	5	411	15	2400	43	14	57	60
LUCA022	1.27	13	9	415	17	6	445	13	2779	65	15	63	60
LUCA023	1.70	12	8	409	13	5	400	13	2261	44	14	52	56
LUCA024	1.70	12	7	397	18	4	489	9	2223	41	12	54	54
LUCA025	1.62	12	6	508	18	4	442	16	2032	39	13	49	57
LUCA025	1.71	11	2	459	17	4	473	19	2460	47	13	43	53
LUCA027	1.47	12	3	282	17	3	640	16	2304	45	12	45	47
LUCA029	1.64	10	4	391	23	4	527	9	2338	45	12	45	51
LUCA029	1.56	11	6	468	29	4	423	13	2344	43	13	50	58
LUCA030	1.66	10	7	426	14	3	484	12	1664	31	12	36	51
LUCA031	1.64	13	9	276	14	4	579	16	2497	40	12	55	55
LUCA032	1.73	11	36	479	19	4	418	13	2306	43	15	48	51
LUCA033	1.41	11	6	465	26	4	445	18	1955	37	12	48	54
LUCA034	1.56	11	5	445	29	4	389	18	2137	33	15	51	60
LUCA035	1.63	13	6	488	17	5	398	11	2483	47	15	53	58
LUCA035	1.71	13	6	458	20	4	384	18	2145	40	16	45	57
LUCA037	1.65	13	7	374	23	5	421	13	2809	57	14	54	57
LUCA038	1.63	11	8	575	23	7	445	7	3212	77	15	77	55
LUCA039	1.49	12	10	489	14	6	373	11	2854	60	14	65	67
LUCA040	1.64	14	13	389	<10	6	399	11	2916	60	14	61	64
LUCA041	1.54	12	8	338	19	4	378	18	1952	37	14	48	62
LUCA042	1.75	13	24	378	20	5	482	16	2826	52	13	45	55
LUCA043	1.61	10	2	317	24	4	353	10	1820	31	15	52	62
LUCA044	1.67	11	4	407	22	4	483	13	1908	35	12	35	50
LUCA045	1.69	13	5	319	23	4	430	14	1941	44	12	43	53
LUCA045	1.47	11	4	383	18	4	467	13	1754	35	12	43	52
LUCA047	1.72	12	5	330	13	4	430	15	2355	43	13	51	55
LUCA049	1.86	11	15	348	16	5	434	5	2605	52	13	56	56
LUCA049	1.66	11	7	330	12	5	412	12	2273	45	14	50	59
LUCA050	1.68	13	6	383	17	5	459	15	2557	54	14	56	57
LUCA051	1.60	13	8	415	27	5	428	15	2392	50	14	60	60
LUCA052	1.72	12	8	359	15	5	431	16	2720	57	14	58	56
LUCA053	1.59	13	9	456	20	5	399	12	2346	43	15	61	64
LUCA054	1.04	12	13	891	<10	7	317	17	2623	57	15	77	60
LUCA055	1.37	12	6	530	20	5	377	9	1796	35	15	48	56
LUCA055	1.74	11	6	431	12	4	405	8	2294	30	13	62	63
LUCA057	1.63	12	5	472	13	4	414	13	2248	39	14	57	55
LUCA058	1.88	11	6	424	20	4	422	6	2058	34	13	45	53
LUCA059	1.54	10	6	423	<10	4	440	8	2176	33	12	48	50

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	OCCR	CON1	CON2	CON3	FORM
LUCA060	38.291	115.773	06	51980				4	1	1	2			8	QTRN
LUCA061	38.348	115.773	06	51980				4	1	1	2			8	QTRN
LUCA062	38.279	115.886	06	51580				4	1	1	2			8	QTRN
LUCB001	38.367	115.735	06	51680				4	1	1	2			8	QTRN
LUCB002	38.360	115.682	06	51680				4	1	1	2			8	QTRN
LUCB003	38.259	115.733	06	51680				4	1	1	2			8	QTRN
LUCB004	38.270	115.705	06	51680				4	1	1	2			2	QTRN
LUCB005	38.282	115.675	06	51680				4	1	1	2			2	QTRN
LUCB006	38.276	115.641	06	51680				4	1	1	2			8	QTRN
LUCB007	38.254	115.642	06	51680				4	1	1	2			8	QTRN
LUCB008	38.256	115.604	06	51680				4	1	1	2			8	QTRN
LUCB009	38.290	115.740	06	51680				4	1	1	2			8	QTRN
LUCB010	38.302	115.714	06	51680				4	1	1	2			8	QTRN
LUCB011	38.326	115.739	06	51680				4	1	1	2			8	QTRN
LUCB012	38.348	115.709	06	51680				4	1	1	2			8	QTRN
LUCB013	38.327	115.690	06	51680				4	1	1	2			8	QTRN
LUCB014	38.473	115.515	06	60580				4	1	1	2			8	QTRN
LUCB015	38.487	115.558	07	60580				4	1	1	2			8	QTRN
LUCB016	38.489	115.589	07	60580				4	1	1	2			2	QTRN
LUCB017	38.482	115.612	07	60580				4	1	1	2			2	QTRN
LUCB018	38.474	115.638	07	60580				4	1	1	2			2	QTRN
LUCB019	38.466	115.664	07	60580				4	1	1	2			2	QTRN
LUCB020	38.453	115.509	06	60580				4	1	1	2			8	QTRN
LUCB021	38.469	115.542	06	60580				4	1	1	2			8	QTRN
LUCB022	38.465	115.567	06	60580				4	1	1	2			2	QTRN
LUCB023	38.459	115.586	07	60580				4	1	1	2			2	QTRN
LUCB024	38.439	115.540	06	60580				4	1	1	2			8	QTRN
LUCB025	38.296	115.499	06	60580				4	1	1	2			2	QTRN
LUCB026	38.417	115.528	06	60580				4	1	1	2			8	QTRN
LUCB027	38.418	115.555	06	60580				4	1	1	2			8	QTRN
LUCB028	38.403	115.531	06	60580				4	1	1	2			8	QTRN
LUCB029	38.412	115.542	07	60580				4	1	1	2		8	5	QTRN
LUCB030	38.414	115.550	07	60580				4	1	1	2			5	TRTR
LUCB031	38.385	115.535	06	60580				4	1	1	2			8	QTRN
LUCB032	38.402	115.555	06	60580				4	1	1	2			8	QTRN
LUCB033	38.491	115.510	06	60680				4	1	1	2			8	QTRN
LUCB034	38.368	115.533	06	60680				4	1	1	2			5	QTRN
LUCB035	38.377	115.547	08	60680				4	1	1	2			5	TRTR
LUCB036	38.386	115.556	06	60680				4	1	1	2			2	QTRN
LUCB037	38.397	115.579	06	60680				4	1	1	2			2	QTRN
LUCB038	38.382	115.612	06	60680				4	1	1	2			2	QTRN
LUCB039	38.387	115.636	07	60680				4	1	1	2			2	QTRN
LUCB040	38.400	115.649	07	60680				4	1	1	2			2	QTRN
LUCB041	38.350	115.596	06	60680				4	1	1	2			2	QTRN
LUCB042	38.341	115.576	08	60780				4	1	1	2			5	TRTR
LUCB043	38.324	115.539	08	60780				4	1	1	2			2	QTRN
LUCB044	38.333	115.559	06	60780				4	1	1	2			2	QTRN
LUCB045	38.366	115.633	06	60780				4	1	1	2			8	QTRN
LUCB046	38.344	115.643	06	60780				4	1	1	2			8	QTRN
LUCB047	38.311	115.587	06	60780				4	1	1	2			8	QTRN
LUCB048	38.330	115.611	06	60780				4	1	1	2			8	QTRN
LUCB049	38.323	115.635	06	60780				4	1	1	2			8	QTRN
LUCB050	38.299	115.633	06	60780				4	1	1	2			8	QTRN
LUCB051	38.384	115.701	07	60780				4	1	1	2			8	QTRN
LUCB052	38.394	115.731	07	60780				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUCA050	10		35.00	10	1	1	1	3	1	NJ1106	3.26	<2	7.40	29
LUCA051	10		50.00	10	1	1	1	3	1	NJ1106	1.63	<2	7.62	38
LUCA052	10		50.00	10	1	1	1	3	1	NJ1106	2.26	<2	8.07	23
LUCB031	10		75.00	10	1	1	1	3	2	NJ1106	0.58	<2	2.32	41
LUCB032	10		55.00	10	1	1	1	3	2	NJ1106	2.75	<2	7.10	46
LUCB033	10		50.00	10	1	1	1	3	3	NJ1106	1.60	<2	5.27	29
LUCB034	10		45.00	10	1	1	1	3	2	NJ1106	2.48	<2	6.56	43
LUCB035	10		45.00	10	1	1	1	3	2	NJ1106	2.50	<2	6.38	42
LUCB036	10		75.00	10	1	1	2	3	2	NJ1106	2.42	<2	5.05	18
LUCB037	10		45.00	10	1	1	2	3	3	NJ1106	2.47	<2	5.30	29
LUCB038	10		70.00	10	1	1	2	2	2	NJ1106	2.58	<2	5.45	31
LUCB039	10		60.00	10	1	1	1	3	2	NJ1106	3.24	<2	7.43	39
LUCB010	10		45.00	10	1	1	1	3	2	NJ1106	1.58	<2	5.29	30
LUCB011	10		45.00	10	1	1	1	3	1	NJ1106	3.16	<2	7.75	47
LUCB012	10		60.00	10	1	1	1	3	1	NJ1106	1.20	<2	1.43	18
LUCB013	10		40.00	10	1	1	1	3	1	NJ1106	3.39	<2	7.38	62
LUCB014	10		70.00	10	1	1	2	3	2	NJ1106	2.61	<2	5.65	30
LUCB015	10		45.00	10	1	1	1	3	1	NJ1106	3.09	<2	4.43	125
LUCB016	10		45.00	10	1	1	1	6	1	NJ1106	2.50	<2	4.96	633
LUCB017	10		45.00	10	1	1	1	6	1	NJ1106	2.75	<2	5.18	616
LUCB018	10		40.00	10	1	1	1	6	1	NJ1106	2.76	<2	4.93	565
LUCB019	10		45.00	10	1	1	1	6	1	NJ1106	2.52	<2	4.88	553
LUCB020	10		70.00	10	1	1	2	3	2	NJ1106	2.24	<2	4.52	20
LUCB021	10		50.00	10	1	1	1	3	2	NJ1106	2.48	<2	5.42	73
LUCB022	10		45.00	10	1	1	1	3	1	NJ1106	1.59	<2	3.90	176
LUCB023	10		40.00	10	1	1	1	6	1	NJ1106	5.57	<2	4.23	468
LUCB024	10		70.00	10	1	1	2	3	2	NJ1106	1.61	<2	5.21	33
LUCB025	10		45.00	10	1	1	2	2	2	NJ1106	1.55	<2	6.21	66
LUCB026	10		40.00	10	1	1	2	3	2	NJ1106	2.22	<2	5.99	37
LUCB027	10		70.00	10	1	1	2	3	2	NJ1106	1.54	<2	5.74	31
LUCB028	10		40.00	10	1	1	2	2	2	NJ1106	2.50	<2	6.37	73
LUCB029	10		50.00	10	1	1	1	3	2	NJ1106	2.52	<2	4.30	37
LUCB030	10		50.00	02	1	1	1	3	2	NJ1106	1.57	<2	4.73	81
LUCB031	10		60.00	10	1	1	2	3	3	NJ1106	2.07	<2	7.07	63
LUCB032	10		50.00	10	1	1	2	3	2	NJ1106	2.22	<2	6.35	31
LUCB033	10		45.00	10	1	1	1	3	2	NJ1106	2.16	<2	4.64	27
LUCB034	10		50.00	10	1	1	3	3	3	NJ1106	2.01	<2	5.43	29
LUCB035	10		50.00	02	1	1	2	2	1	NJ1106	2.53	<2	7.41	21
LUCB036	10		45.00	10	1	1	2	3	2	NJ1106	2.61	<2	6.84	35
LUCB037	10		40.00	10	1	1	1	3	2	NJ1106	1.55	<2	6.59	25
LUCB038	10		45.00	10	1	1	1	3	3	NJ1106	2.74	<2	6.19	23
LUCB039	10		35.00	10	1	1	1	3	1	NJ1106	12.27	<2	5.35	114
LUCB040	10		40.00	10	1	1	1	3	1	NJ1106	10.26	<2	5.59	117
LUCB041	10		50.00	10	1	1	2	2	1	NJ1106	2.53	<2	6.45	34
LUCB042	10		60.00	02	1	1	3	3	1	NJ1106	14.21	19	2.86	<10
LUCB043	10		50.00	05	1	1	3	3	2	NJ1106	2.00	<2	6.14	30
LUCB044	10		75.00	10	1	1	2	2	2	NJ1106	2.24	<2	5.05	30
LUCB045	10		60.00	10	1	1	1	3	2	NJ1106	2.54	<2	6.10	39
LUCB046	10		40.00	10	1	1	1	3	2	NJ1106	2.59	<2	5.62	41
LUCB047	10		30.00	10	1	1	2	3	2	NJ1106	2.49	<2	4.51	28
LUCB048	10		50.00	10	1	1	2	3	2	NJ1106	2.45	<2	5.10	26
LUCB049	10		45.00	10	1	1	2	3	2	NJ1106	2.03	<2	4.24	31
LUCB050	10		45.00	10	1	1	1	3	2	NJ1106	2.27	<2	5.05	36
LUCB051	10		45.00	10	1	1	1	3	2	NJ1106	3.60	<2	4.49	173
LUCB052	10		50.00	10	1	1	1	3	2	NJ1106	4.36	<2	4.52	109

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUCA060	820	1	3.87	57	<4	12	5	1.64	<15	2.13	35	40	1.01	436	<4
LUCA061	844	1	2.76	73	4	13	6	1.68	<15	2.24	42	40	0.79	379	<4
LUCA062	777	2	1.70	67	6	15	8	2.64	<15	1.94	35	30	0.88	539	<4
LUCB001	232	1	3.59	31	<4	7	6	1.09	<15	0.70	16	42	1.09	289	<4
LUCB002	812	1	5.06	61	4	15	8	1.75	<15	1.98	33	42	1.31	493	<4
LUCB003	731	1	11.69	52	5	19	11	1.66	<15	1.20	25	26	1.20	381	<4
LUCB004	613	1	5.28	62	5	21	10	1.95	<15	1.78	33	35	1.58	548	<4
LUCB005	596	1	5.65	53	4	20	9	1.91	<15	1.65	28	35	1.62	516	<4
LUCB006	439	1	9.45	52	<4	14	5	1.59	<15	1.16	25	22	2.78	374	<4
LUCB007	438	1	9.94	48	4	19	8	1.70	<15	1.35	25	26	2.01	441	<4
LUCB008	457	1	8.00	44	5	21	8	1.82	<15	1.32	24	26	2.59	429	<4
LUCB009	510	2	3.71	69	4	12	6	1.52	<15	2.07	39	37	0.91	396	<4
LUCB010	630	1	9.28	54	<4	11	6	1.08	<15	1.35	30	25	2.34	331	<4
LUCB011	509	2	3.49	68	<4	11	5	1.52	<15	2.28	39	46	0.91	357	<4
LUCB012	211	<1	2.74	32	<4	3	3	0.69	<15	0.40	17	17	0.57	175	<4
LUCB013	809	2	5.71	60	4	24	8	1.84	<15	2.21	35	50	1.30	452	<4
LUCB014	478	1	10.61	41	4	22	9	1.79	<15	1.33	21	36	2.52	377	<4
LUCB015	528	1	9.95	40	<4	12	3	0.84	<15	1.28	22	33	2.30	223	<4
LUCB016	515	1	7.36	43	5	28	13	2.06	<15	1.68	21	118	2.61	449	<4
LUCB017	500	1	5.47	37	6	26	13	2.12	<15	1.78	19	123	2.66	451	<4
LUCB018	486	1	5.48	41	6	26	13	2.05	<15	1.55	15	105	2.60	440	<4
LUCB019	484	1	5.54	43	6	26	13	2.09	<15	1.45	21	104	2.61	441	<4
LUCB020	408	1	9.89	42	5	33	9	1.67	<15	1.02	23	31	2.75	348	<4
LUCB021	436	1	7.09	40	6	47	15	2.12	<15	1.18	21	43	2.14	465	<4
LUCB022	835	1	10.25	45	<4	15	3	0.88	<15	1.07	24	42	2.50	249	<4
LUCB023	490	1	9.07	40	5	28	10	1.73	<15	1.24	17	56	2.51	381	7
LUCB024	482	1	8.16	44	5	23	9	1.85	<15	1.52	23	38	1.68	491	<4
LUCB025	522	2	2.53	64	7	29	17	2.30	<15	1.60	31	35	1.03	632	<4
LUCB026	623	2	4.89	52	5	22	11	2.07	<15	1.66	27	40	1.41	547	<4
LUCB027	648	2	6.22	50	5	24	11	2.03	<15	1.55	26	38	1.36	489	<4
LUCB028	666	2	3.08	52	6	28	13	2.29	<15	1.67	27	35	1.36	504	<4
LUCB029	525	1	11.43	31	4	18	9	1.49	<15	1.21	16	41	2.09	297	<4
LUCB030	605	1	8.41	43	5	17	18	1.69	<15	1.28	21	56	2.33	311	<4
LUCB031	770	2	2.33	57	7	29	14	2.65	<15	1.91	31	46	1.09	571	<4
LUCB032	671	2	4.53	54	7	27	12	2.40	<15	1.70	25	45	1.30	529	<4
LUCB033	517	1	9.28	42	<4	17	6	1.43	<15	1.21	23	33	2.58	366	<4
LUCB034	593	2	6.07	47	7	27	17	2.30	<15	1.48	23	54	1.16	612	<4
LUCB035	787	5	0.10	100	6	<1	118	4.12	<15	2.91	52	17	0.23	319	<4
LUCB036	725	2	2.27	60	5	24	12	2.34	<15	1.97	32	45	1.20	597	<4
LUCB037	724	2	6.80	62	7	29	12	2.44	<15	2.00	32	56	1.36	595	<4
LUCB038	622	2	10.36	42	5	24	15	2.01	<15	1.86	22	57	1.46	471	<4
LUCB039	704	2	7.06	48	5	20	10	1.61	<15	1.58	23	67	2.95	455	4
LUCB040	723	2	7.12	40	4	20	11	1.62	<15	1.84	22	101	3.01	455	<4
LUCB041	700	2	7.24	56	7	24	13	2.25	<15	2.07	27	54	1.46	554	<4
LUCB042	273	3	0.18	<10	7	<1	51	9.45	<15	1.34	5	57	0.17	113	69
LUCB043	549	2	4.05	63	8	32	14	2.31	<15	2.05	31	44	1.10	499	<4
LUCB044	474	2	9.47	43	4	24	12	1.67	<15	1.60	23	35	1.17	374	<4
LUCB045	642	2	4.90	62	5	23	12	1.83	<15	1.98	23	41	1.26	449	<4
LUCB046	605	2	6.06	54	4	21	10	1.72	<15	1.94	25	40	1.48	485	<4
LUCB047	449	1	11.23	43	4	18	9	1.52	<15	1.46	23	33	1.75	329	<4
LUCB048	569	2	7.47	58	5	21	11	1.75	<15	1.58	25	32	1.48	440	<4
LUCB049	443	1	5.86	53	4	18	9	1.49	<15	1.50	26	33	1.14	336	<4
LUCB050	518	1	8.58	36	4	19	10	1.61	<15	1.91	20	41	1.48	383	<4
LUCB051	503	1	7.34	35	4	16	9	1.33	<15	1.97	18	65	2.45	342	<4
LUCB052	551	1	7.94	34	<4	16	9	1.32	<15	1.69	19	56	2.10	333	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUC A060	1.69	10	6	467	<10	4	488	4	2077	36	12	47	50
LUC A061	1.84	10	6	501	24	4	434	12	2185	38	13	50	54
LUC A062	1.58	14	9	483	13	6	402	10	2903	56	14	73	60
LUC B001	0.56	<4	6	522	<10	2	270	9	449	16	9	40	18
LUC B002	1.44	11	8	602	12	5	459	12	1909	35	14	53	56
LUC B003	0.85	12	10	461	15	5	432	10	1616	44	13	53	35
LUC B004	1.23	12	10	701	18	5	332	12	2074	42	13	66	54
LUC B005	1.11	12	10	577	14	5	326	13	2001	41	13	57	55
LUC B006	0.89	10	6	379	10	4	288	10	1922	37	11	38	39
LUC B007	0.75	12	8	748	11	4	265	9	1835	35	13	56	52
LUC B008	0.83	9	13	503	16	5	239	8	1840	42	11	54	52
LUC B009	1.69	11	6	490	11	4	500	11	1943	34	12	45	51
LUC B010	1.10	9	5	654	<10	3	404	8	1356	25	10	30	33
LUC B011	1.83	11	3	538	11	4	522	8	1882	32	13	44	52
LUC B012	0.23	<4	3	460	<10	1	207	6	329	11	7	22	12
LUC B013	1.57	10	14	625	16	5	497	4	2197	38	15	62	57
LUC B014	0.93	11	9	399	22	5	376	10	1728	40	11	51	41
LUC B015	1.97	9	5	553	<10	3	601	6	1388	20	11	24	30
LUC B016	1.93	10	18	597	<10	6	446	13	1854	57	12	75	58
LUC B017	2.11	10	9	526	<10	6	381	9	1728	63	11	76	60
LUC B018	2.75	10	22	510	<10	6	372	12	1699	61	11	75	58
LUC B019	2.62	10	18	520	<10	6	374	25	1682	61	11	81	58
LUC B020	0.66	10	19	573	<10	5	255	11	1761	42	12	65	44
LUC B021	0.61	8	29	757	<10	6	216	6	2159	57	16	53	60
LUC B022	2.81	11	5	553	<10	3	755	2	1442	22	11	25	28
LUC B023	2.91	11	18	583	<10	6	427	4	1680	44	12	66	51
LUC B024	0.87	9	10	933	<10	6	415	9	1692	36	12	57	36
LUC B025	0.96	11	16	1062	<10	7	287	16	2289	60	15	106	50
LUC B026	1.20	11	14	670	<10	6	316	6	2293	42	13	68	55
LUC B027	1.21	10	11	555	<10	6	423	3	2221	48	13	157	42
LUC B028	1.25	11	22	545	<10	6	308	13	2649	45	12	72	60
LUC B029	0.86	10	11	474	<10	4	708	10	1639	33	10	50	39
LUC B030	0.90	10	10	453	<10	5	529	10	1834	39	10	334	45
LUC B031	1.27	9	17	615	<10	7	282	9	2835	63	15	88	49
LUC B032	1.13	10	13	555	<10	7	322	11	2662	57	14	75	44
LUC B033	0.98	11	8	379	<10	4	291	11	1728	32	10	47	44
LUC B034	0.74	10	12	952	<10	7	378	7	2416	50	15	148	26
LUC B035	0.12	7	2	560	1663	1	64	11	771	22	9	216	<2
LUC B036	1.42	12	15	656	<10	6	310	5	2663	47	15	86	54
LUC B037	1.13	12	15	732	20	7	449	8	2887	65	15	79	33
LUC B038	1.29	12	12	588	12	5	525	5	2188	49	12	60	38
LUC B039	1.15	9	11	880	16	5	805	11	1964	47	12	50	48
LUC B040	1.34	9	11	899	14	5	822	8	1983	47	13	50	48
LUC B041	1.42	13	13	583	22	6	439	8	2436	67	14	74	50
LUC B042	0.10	7	5	107	300	<1	27	<2	325	316	6	755	<2
LUC B043	0.72	12	18	756	26	7	303	14	2239	73	13	68	38
LUC B044	0.79	15	13	528	19	5	292	9	1774	49	11	53	46
LUC B045	1.27	13	11	561	19	5	415	13	2320	57	13	56	52
LUC B046	1.18	13	10	616	19	5	369	12	1967	53	13	54	52
LUC B047	0.79	15	11	356	<10	4	348	11	1819	46	11	43	51
LUC B048	0.93	13	10	504	17	5	384	13	2000	55	12	52	52
LUC B049	0.85	12	11	375	15	4	304	12	1749	47	10	44	43
LUC B050	1.02	12	9	490	<10	4	359	5	1866	48	11	45	50
LUC B051	1.58	10	8	605	<10	4	617	3	1473	48	10	42	48
LUC B052	1.68	11	10	623	<10	4	635	4	1591	45	11	41	47

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-SP	ODCR	CON1	CON2	CON3	FORM
LUCB053	38.406	115.686	06	60780				4	1	1	2			8	QTRN
LUCB054	38.322	115.662	06	60780				4	1	1	2			8	QTRN
LUCB055	38.301	115.679	06	60780				4	1	1	2			8	QTRN
LUCC001	38.364	115.272	06	50380				4	1	1	2			8	QTRN
LUCC002	38.346	115.286	06	50380				4	1	1	2			8	QTRN
LUCC003	38.334	115.256	06	50380				4	1	1	2			8	QTRN
LUCC004	38.336	115.324	06	50280				4	1	1	2			8	QTRN
LUCC005	38.315	115.328	06	50380				4	1	1	2			8	QTRN
LUCC006	38.290	115.339	06	50380				4	1	1	2			8	QTRN
LUCC007	38.273	115.357	06	50380				4	1	1	2			8	QTRN
LUCC008	38.257	115.373	06	50380				4	1	1	2			8	QTRN
LUCC009	38.257	115.330	06	50380				4	1	1	2			8	QTRN
LUCC010	38.290	115.296	06	50380				4	1	1	2			8	QTRN
LUCC011	38.316	115.299	06	50380				4	1	1	2			8	QTRN
LUCC012	38.294	115.263	06	50380				4	1	1	2			8	QTRN
LUCC013	38.263	115.260	06	50380				4	1	1	2			8	QTRN
LUCC014	38.379	115.262	06	50380				4	1	1	2			8	QTRN
LUCC015	38.269	115.317	06	50380				4	1	1	2			8	QTRN
LUCC016	38.288	115.324	06	50380				4	1	1	2			8	QTRN
LUCC017	38.405	115.308	06	50380				4	1	1	2			8	QTRN
LUCC018	38.421	115.293	06	50380				4	1	1	2			8	QTRN
LUCC019	38.457	115.260	06	50380				4	1	1	2			8	QTRN
LUCC020	38.441	115.275	06	50380				4	1	1	2			8	QTRN
LUCC021	38.419	115.256	06	50380				4	1	1	2			8	QTRN
LUCC022	38.407	115.271	06	50380				4	1	1	2			8	QTRN
LUCC023	38.395	115.285	06	50380				4	1	1	2			8	QTRN
LUCC024	38.264	115.408	06	50480				4	1	1	2			8	QTRN
LUCC025	38.276	115.432	06	50480				4	1	1	2			8	QTRN
LUCC026	38.294	115.384	06	50480				4	1	1	2			8	QTRN
LUCC027	38.290	115.423	06	50480				4	1	1	2			8	QTRN
LUCC028	38.286	115.456	06	50480				4	1	1	2			2	QTRN
LUCC029	38.290	115.474	06	50480				4	1	1	2			2	QTRN
LUCC030	38.292	115.497	06	50480				4	1	1	2			2	QTRN
LUCC031	38.491	115.251	06	50780				4	1	1	2			8	QTRN
LUCC032	38.480	115.263	06	50780				4	1	1	2			8	QTRN
LUCC033	38.479	115.287	06	50780				4	1	1	2			8	QTRN
LUCC034	38.485	115.309	06	50780				4	1	1	2			8	QTRN
LUCC035	38.497	115.316	06	50780				4	1	1	2			8	QTRN
LUCC036	38.487	115.332	06	50780				4	1	1	2			8	QTRN
LUCC037	38.476	115.324	06	50780				4	1	1	2			8	QTRN
LUCC038	38.466	115.308	06	50780				4	1	1	2			8	QTRN
LUCC039	38.460	115.329	06	50780				4	1	1	2			8	QTRN
LUCC040	38.459	115.283	06	50780				4	1	1	2			8	QTRN
LUCC041	38.433	115.303	06	50780				4	1	1	2			8	QTRN
LUCC042	38.435	115.329	06	50780				4	1	1	2			8	QTRN
LUCC043	38.426	115.341	06	50780				4	1	1	2			8	QTRN
LUCC044	38.428	115.339	08	50780				4	1	1	2			8	TRTR
LUCC045	38.422	115.315	06	50780				4	1	1	2			8	QTRN
LUCC046	38.404	115.337	06	50780				4	1	1	2			8	QTRN
LUCC047	38.413	115.347	06	50780				4	1	1	2			8	QTRN
LUCC048	38.387	115.345	06	50780				4	1	1	2			8	QTRN
LUCC049	38.372	115.354	06	50780				4	1	1	2			8	QTRN
LUCC050	38.370	115.457	06	50880				4	1	1	2			8	QTRN
LUCC051	38.376	115.435	06	50880				4	1	1	2			8	QTRN
LUCC052	38.377	115.412	06	50880				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	OVEG	MAP	U-FL	AG	AL	B
LUCB053	10		43.00	10	1	1	1	3	2	NJ1106	4.49	<2	4.59	125
LUCB054	10		45.00	10	1	1	1	3	2	NJ1106	2.03	<2	5.01	34
LUCB055	10		43.00	10	1	1	1	3	2	NJ1106	2.27	<2	5.25	37
LUC001	10		63.00	10	1	1	1	3	3	NJ1106	1.66	<2	5.65	24
LUC002	10		65.00	10	1	1	1	3	3	NJ1106	1.68	<2	4.86	16
LUC003	10		65.00	10	1	1	1	3	3	NJ1106	2.14	<2	5.29	26
LUC004	10		63.00	10	1	1	1	3	3	NJ1106	2.70	<2	5.68	25
LUC005	10		63.00	10	1	1	1	3	3	NJ1106	2.04	<2	6.27	24
LUC006	10		65.00	10	1	1	1	3	3	NJ1106	2.15	<2	4.95	18
LUC007	10		45.00	10	1	1	1	3	3	NJ1106	2.07	<2	4.47	20
LUC008	10		45.00	10	1	1	1	3	3	NJ1106	3.56	<2	4.40	17
LUC009	10		55.00	10	1	1	1	3	3	NJ1106	1.55	<2	4.70	24
LUC010	10		55.00	10	1	1	1	3	3	NJ1106	2.55	<2	6.04	30
LUC011	10		60.00	10	1	1	1	3	3	NJ1106	2.52	<2	6.04	27
LUC012	10		75.00	10	1	1	1	3	3	NJ1106	2.28	<2	7.17	22
LUC013	10		65.00	10	1	1	1	3	3	NJ1106	2.43	<2	7.11	17
LUC014	10		63.00	10	1	1	1	3	3	NJ1106	2.65	<2	5.76	22
LUC015	10		65.00	10	1	1	1	3	3	NJ1106	2.31	<2	6.38	20
LUC016	10		55.00	10	1	1	1	3	3	NJ1106	2.50	<2	5.92	27
LUC017	10		45.00	10	1	1	1	3	3	NJ1106	1.89	<2	5.02	26
LUC018	10		53.00	10	1	1	1	3	3	NJ1106	2.14	<2	5.95	26
LUC019	10		50.00	10	1	1	1	3	3	NJ1106	2.37	<2	7.06	25
LUC020	10		50.00	10	1	1	1	3	3	NJ1106	2.59	<2	7.22	19
LUC021	10		45.00	10	1	1	1	3	3	NJ1106	2.83	<2	7.18	20
LUC022	10		55.00	10	1	1	1	3	3	NJ1106	2.44	<2	5.99	22
LUC023	10		53.00	10	1	1	1	3	3	NJ1106	2.56	<2	6.54	28
LUC024	10		33.00	10	1	1	1	3	3	NJ1106	2.12	<2	5.71	29
LUC025	10		43.00	10	1	1	2	3	2	NJ1106	2.47	<2	6.10	30
LUC026	10		35.00	10	1	1	1	3	3	NJ1106	1.81	<2	4.53	16
LUC027	10		33.00	10	1	1	1	3	3	NJ1106	1.52	<2	5.33	21
LUC028	10		25.00	10	1	1	3	2	2	NJ1106	2.17	<2	4.14	24
LUC029	10		43.00	10	1	1	4	2	2	NJ1106	2.08	<2	4.23	27
LUC030	10		25.00	10	1	1	4	2	2	NJ1106	2.13	<2	6.19	35
LUC031	10		35.00	10	1	1	1	3	3	NJ1106	2.59	<2	4.98	22
LUC032	10		43.00	10	1	1	2	3	3	NJ1106	2.07	<2	6.68	18
LUC033	10		75.00	10	1	1	1	3	3	NJ1106	2.35	<2	7.01	22
LUC034	10		105.00	10	1	1	1	3	3	NJ1106	3.00	<2	6.83	16
LUC035	10		90.00	10	1	1	1	3	3	NJ1106	2.41	<2	6.72	14
LUC036	10		90.00	10	1	1	2	2	3	NJ1106	2.59	<2	6.98	17
LUC037	10		83.00	10	1	1	1	2	2	NJ1106	2.59	<2	7.53	20
LUC038	10		80.00	10	1	1	1	2	3	NJ1106	2.85	<2	6.45	31
LUC039	10		75.00	10	1	1	2	2	2	NJ1106	2.57	<2	7.17	18
LUC040	10		60.00	10	1	1	2	2	2	NJ1106	2.82	<2	7.15	20
LUC041	10		50.00	10	1	1	1	3	3	NJ1106	2.27	<2	5.76	21
LUC042	10		60.00	10	1	1	2	2	3	NJ1106	3.29	<2	6.47	21
LUC043	10		45.00	10	1	1	2	2	3	NJ1106	2.13	<2	4.92	21
LUC044	10		123.00	02	1	1	4	2	2	NJ1106	3.34	<2	7.35	20
LUC045	10		45.00	10	1	1	1	2	2	NJ1106	2.32	<2	5.77	24
LUC046	10		63.00	10	1	1	1	3	3	NJ1106	2.55	<2	5.83	20
LUC047	10		65.00	10	1	1	2	2	2	NJ1106	2.25	<2	5.54	21
LUC048	10		93.00	10	1	1	2	2	2	NJ1106	2.64	<2	5.62	19
LUC049	10		60.00	10	1	1	1	2	3	NJ1106	2.68	<2	5.38	31
LUC050	10		35.00	10	1	1	2	2	3	NJ1106	1.50	<2	4.99	18
LUC051	10		35.00	10	1	1	2	2	3	NJ1106	1.65	<2	5.30	21
LUC052	10		40.00	10	1	1	2	2	2	NJ1106	2.05	<2	5.08	15

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUCB053	556	1	7.86	32	<4	16	8	1.29	<15	1.82	19	23	2.09	330	<4
LUCB054	519	2	8.19	44	4	18	10	1.52	<15	1.66	22	25	1.60	409	<4
LUCB055	540	2	6.84	51	4	18	9	1.57	<15	1.78	27	26	2.12	432	<4
LUCC001	566	2	5.34	53	5	27	11	1.75	<15	1.65	20	20	1.54	403	<4
LUCC002	499	1	7.22	58	5	25	8	1.78	<15	1.38	21	25	1.97	328	<4
LUCC003	504	2	6.29	56	5	33	12	1.90	<15	1.42	21	25	2.06	405	<4
LUCC004	508	2	5.93	39	6	40	14	2.02	<15	1.62	22	25	2.07	424	<4
LUCC005	646	2	4.35	56	5	23	13	1.88	<15	2.05	20	24	1.36	435	<4
LUCC006	476	2	7.26	51	4	21	10	1.49	<15	1.56	27	25	2.54	354	<4
LUCC007	405	3	9.32	44	4	18	11	1.37	<15	1.40	23	22	1.99	451	<4
LUCC008	407	2	8.52	38	4	19	11	1.39	<15	1.42	19	26	2.24	471	<4
LUCC009	438	2	9.53	42	5	21	10	1.48	<15	1.41	24	21	1.75	449	<4
LUCC010	560	2	4.74	56	6	29	17	2.02	<15	1.75	29	26	1.42	421	<4
LUCC011	585	2	4.37	59	5	27	12	2.03	<15	1.87	22	22	1.25	403	<4
LUCC012	741	2	1.79	65	6	20	19	2.44	<15	2.42	27	24	0.89	574	<4
LUCC013	740	2	1.75	72	6	19	11	2.46	<15	2.32	40	22	0.83	464	<4
LUCC014	585	2	5.90	50	5	24	11	1.75	<15	1.74	27	25	1.56	495	<4
LUCC015	646	2	3.20	54	6	26	12	2.08	<15	1.90	30	30	1.02	441	<4
LUCC016	547	2	4.96	54	6	32	11	2.06	<15	1.79	28	22	1.31	417	<4
LUCC017	488	2	8.19	41	4	20	11	1.62	<15	1.54	22	27	2.19	392	<4
LUCC018	580	2	5.27	49	5	22	13	1.90	<15	1.82	27	25	1.61	437	<4
LUCC019	724	2	1.57	75	5	23	12	2.32	<15	2.28	40	22	0.72	524	<4
LUCC020	752	2	1.75	179	6	26	8	3.07	<15	2.20	100	25	0.58	490	<4
LUCC021	777	2	2.97	77	4	19	14	1.81	<15	2.37	42	25	0.70	366	<4
LUCC022	596	2	5.81	50	5	20	12	1.77	23	1.95	26	21	1.57	478	<4
LUCC023	637	2	3.31	71	6	26	14	2.25	<15	2.07	36	22	1.17	479	<4
LUCC024	539	2	5.28	58	6	24	15	1.99	<15	1.81	29	21	1.37	611	<4
LUCC025	571	2	4.29	63	6	24	16	2.05	<15	1.92	21	22	1.36	616	<4
LUCC026	412	2	9.21	49	4	19	10	1.55	<15	1.39	25	22	2.10	448	<4
LUCC027	516	2	5.88	52	6	20	14	1.87	<15	1.76	27	22	1.30	605	<4
LUCC028	346	1	9.81	43	4	20	9	1.43	<15	1.36	21	27	2.52	450	<4
LUCC029	345	1	8.98	34	4	23	9	1.46	<15	1.35	17	26	1.71	415	<4
LUCC030	496	2	2.36	54	6	29	15	2.14	<15	2.19	27	41	1.00	964	<4
LUCC031	453	1	7.20	36	4	21	13	1.75	<15	1.53	19	25	2.38	462	<4
LUCC032	724	2	2.96	71	5	21	8	2.29	<15	2.18	41	21	1.06	408	<4
LUCC033	709	2	2.06	94	6	24	10	2.81	<15	2.37	54	22	0.83	516	<4
LUCC034	700	2	2.22	78	5	16	8	2.06	<15	2.10	42	25	0.63	440	<4
LUCC035	735	2	3.01	88	6	21	7	2.82	<15	2.16	47	22	0.75	476	<4
LUCC036	820	2	1.62	90	4	13	8	1.84	<15	2.65	48	25	0.52	454	<4
LUCC037	738	2	2.11	79	6	16	9	2.51	<15	2.12	41	20	0.71	495	<4
LUCC038	586	2	3.62	64	6	29	10	2.10	17	1.95	27	24	0.95	423	<4
LUCC039	636	2	2.57	79	6	21	9	2.42	<15	2.18	42	21	0.78	446	<4
LUCC040	751	2	1.40	69	5	21	10	2.07	<15	2.42	28	20	0.58	399	<4
LUCC041	549	2	6.35	52	5	21	12	1.83	<15	1.78	25	20	1.31	438	<4
LUCC042	668	2	4.02	62	5	16	9	1.94	<15	2.04	22	20	1.18	434	<4
LUCC043	468	1	8.38	51	5	20	10	1.60	<15	1.44	27	26	2.57	381	<4
LUCC044	796	2	1.70	67	4	15	9	2.09	<15	2.35	28	21	0.60	510	<4
LUCC045	538	2	6.41	52	5	23	13	1.92	<15	1.77	28	21	2.00	464	<4
LUCC046	572	2	5.79	49	5	21	11	1.84	<15	1.86	27	28	1.42	404	<4
LUCC047	552	2	5.77	50	5	28	13	1.77	<15	1.58	28	26	1.31	391	<4
LUCC048	549	2	5.98	51	4	24	11	1.87	<15	1.66	25	26	0.93	394	<4
LUCC049	481	1	7.57	46	5	40	13	1.99	<15	1.41	27	21	1.58	379	<4
LUCC050	441	1	7.10	40	4	20	13	1.60	<15	1.55	21	25	1.96	426	<4
LUCC051	479	2	6.52	48	4	20	10	1.73	<15	1.71	26	26	2.04	448	<4
LUCC052	465	2	6.66	42	5	23	15	1.78	<15	1.48	23	25	2.23	404	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	2N	2R
LUCB053	1.81	11	8	628	<10	4	644	<2	1581	44	11	43	47
LUCB054	0.94	13	9	514	16	4	338	6	1737	43	11	47	52
LUCB055	1.09	13	8	463	18	4	339	11	1944	43	12	44	52
LUC0001	1.02	12	12	478	<10	5	315	10	1941	57	13	52	50
LUC0002	0.88	12	12	410	<10	5	290	12	2173	61	12	47	46
LUC0003	0.84	11	19	483	14	5	259	12	2203	63	14	62	55
LUC0004	0.80	11	22	524	16	6	242	6	2128	63	14	61	55
LUC0005	1.24	12	15	415	10	6	320	8	2116	53	13	51	49
LUC0006	0.90	11	9	376	16	5	254	11	1628	43	11	45	42
LUC0007	0.66	12	9	591	<10	4	328	9	1502	33	12	43	35
LUC0008	0.72	12	10	817	17	4	214	8	1451	33	11	46	41
LUC0009	0.66	13	13	644	16	5	317	7	1614	43	12	47	42
LUC0010	0.91	13	17	526	19	6	258	16	2214	61	14	71	63
LUC0011	1.04	11	16	430	11	6	292	8	2393	65	13	75	59
LUC0012	1.61	13	13	512	17	6	354	2	3114	71	15	77	76
LUC0013	1.50	13	11	446	20	6	350	5	3121	74	15	66	75
LUC0014	1.02	13	13	501	<10	5	289	6	2027	53	14	55	56
LUC0015	1.18	12	12	451	21	5	308	6	2318	62	12	64	57
LUC0016	1.10	13	15	601	10	6	291	8	2341	73	14	65	60
LUC0017	0.87	13	10	447	20	5	246	12	1833	43	11	55	52
LUC0018	1.05	13	13	451	20	5	279	12	2240	55	12	60	59
LUC0019	1.76	15	9	408	23	6	337	16	2936	73	15	68	67
LUC0020	1.43	19	9	300	21	6	403	28	4669	115	17	75	69
LUC0021	1.40	12	10	318	20	5	423	14	2253	55	14	60	61
LUC0022	1.13	12	8	519	16	5	290	7	2073	51	13	55	58
LUC0023	1.21	15	12	496	19	6	294	13	2676	69	13	62	65
LUC0024	0.99	13	12	806	22	6	260	15	2289	57	13	62	59
LUC0025	1.06	14	12	854	19	6	262	14	2303	57	13	72	57
LUC0026	0.69	14	7	589	14	5	334	9	1734	44	12	47	38
LUC0027	0.98	13	13	783	21	5	262	8	1951	49	13	66	47
LUC0028	0.61	12	10	893	14	4	185	9	1496	41	10	55	41
LUC0029	0.58	10	11	890	15	4	192	4	1373	43	10	56	39
LUC0030	0.81	12	14	1576	23	6	178	2	2130	55	16	66	52
LUC0031	0.81	11	9	560	20	5	220	7	1960	51	11	64	52
LUC0032	1.14	13	8	664	17	6	398	12	2617	79	14	62	48
LUC0033	1.37	16	10	408	12	6	343	12	3634	97	14	74	62
LUC0034	1.23	14	8	416	18	5	391	16	2481	59	14	57	58
LUC0035	1.17	18	11	771	13	6	420	14	3345	105	15	75	41
LUC0036	1.32	15	7	424	22	5	348	15	2322	53	17	55	57
LUC0037	1.50	12	7	373	19	7	485	13	3072	75	14	62	49
LUC0038	0.91	13	14	619	19	6	327	7	2410	71	16	65	72
LUC0039	1.15	14	9	556	18	6	421	10	3120	75	17	64	102
LUC0040	1.47	13	10	280	22	5	364	14	2594	64	14	55	65
LUC0041	0.99	15	14	554	16	5	288	11	2135	54	13	62	58
LUC0042	1.23	13	7	332	18	5	347	12	2321	56	13	56	55
LUC0043	0.90	14	9	382	24	5	241	16	1926	49	11	55	50
LUC0044	1.66	11	9	384	22	5	410	10	2508	55	12	66	51
LUC0045	1.02	14	14	483	21	5	256	12	2135	55	12	63	57
LUC0046	0.96	12	12	555	28	5	295	16	2037	54	14	62	57
LUC0047	0.86	12	16	687	13	5	277	10	2105	58	14	68	58
LUC0048	0.93	12	13	531	19	5	270	13	2129	57	14	61	56
LUC0049	0.83	12	20	643	10	5	281	7	2090	72	14	72	54
LUC0050	0.75	12	11	595	10	5	254	4	1701	46	12	47	45
LUC0051	0.82	11	9	526	11	5	255	8	1847	50	12	54	41
LUC0052	0.83	12	11	483	13	5	234	8	1993	55	11	52	50

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	OCCR	CON1	CON2	CON3	FORM
LUC0053	38.395	115.399	06	50880				4	1	1	2			8	QTRN
LUC0054	38.377	115.390	02	50880				4	1	1	2		5	8	QTRN
LUC0055	38.376	115.380	06	50880				4	1	1	2			8	QTRN
LUC0056	38.359	115.332	06	50880				4	1	1	2			8	QTRN
LUC0057	38.348	115.365	06	50880				4	1	1	2			8	QTRN
LUC0058	38.355	115.385	06	50880				4	1	1	2			8	QTRN
LUC0059	38.353	115.405	06	50880				4	1	1	2			8	QTRN
LUC0060	38.351	115.423	06	50880				4	1	1	2			8	QTRN
LUC0061	38.333	115.359	06	50880				4	1	1	2			8	QTRN
LUC0062	38.320	115.392	06	50880				4	1	1	2			8	QTRN
LUC0063	38.326	115.443	06	50880				4	1	1	2			8	QTRN
LUC0064	38.336	115.442	06	50880				4	1	1	2			8	QTRN
LUC0065	38.313	115.415	06	50880				4	1	1	2			8	QTRN
LUC0066	38.493	115.395	06	60680				4	1	1	2			2	QTRN
LUC0067	38.469	115.399	06	60680				4	1	1	2			2	QTRN
LUC0068	38.464	115.381	06	60680				4	1	1	2			2	QTRN
LUC0069	38.454	115.408	06	60680				4	1	1	2			2	QTRN
LUC0070	38.442	115.429	06	60680				4	1	1	2			2	QTRN
LUC0071	38.449	115.458	06	60680				4	1	1	2			2	QTRN
LUC0072	38.448	115.496	06	60680				4	1	1	2			2	QTRN
LUC0001	38.290	115.008	06	43080				3	1	1	2			8	QTRN
LUC0002	38.288	115.004	06	43080				3	1	1	2			8	QTRN
LUC0003	38.257	115.032	06	43080				4	1	1	2			8	QTRN
LUC0004	38.254	115.061	06	43080				3	1	1	2			8	QTRN
LUC0005	38.277	115.056	06	43080				2	1	1	2			8	QTRN
LUC0006	38.294	115.061	06	43080				3	1	1	2			8	QTRN
LUC0007	38.303	115.029	06	43080				2	1	1	2			8	QTRN
LUC0008	38.321	115.021	06	43080				2	1	1	2			8	QTRN
LUC0009	38.326	115.044	06	43080				3	1	1	2			8	QTRN
LUC0010	38.403	115.081	06	50380				4	1	1	2			8	QTRN
LUC0011	38.305	115.084	06	43080				1	1	1	2		8	5	TRSH
LUC0012	38.310	115.079	06	43080				3	1	1	2			8	QTRN
LUC0013	38.300	115.092	06	43080				3	1	1	2			8	TRSH
LUC0014	38.298	115.101	06	43080				3	1	1	2			8	QTRN
LUC0015	38.267	115.113	06	43080				3	1	1	2			8	QTRN
LUC0016	38.310	115.118	06	43080				3	1	1	2			8	QTRN
LUC0017	38.324	115.103	06	43080				4	1	1	2			8	QTRN
LUC0018	38.360	115.113	06	43080				3	1	1	2			8	QTRN
LUC0019	38.371	115.104	06	43080				3	1	1	2			8	QTRN
LUC0020	38.376	115.190	06	50180				4	1	1	2			8	QTRN
LUC0021	38.378	115.219	06	50180				3	1	1	2			8	QTRN
LUC0022	38.399	115.246	06	50180				3	1	1	2			9	QTRN
LUC0023	38.402	115.215	06	50180				4	1	1	2			8	QTRN
LUC0024	38.419	115.189	07	50180				4	1	1	2			8	QTRN
LUC0025	38.443	115.169	07	50180				4	1	1	2			8	QTRN
LUC0026	38.449	115.219	06	50180				3	1	1	2			8	QTRN
LUC0027	38.435	115.237	06	50180				3	1	1	2			8	QTRN
LUC0028	38.469	115.211	06	50180				3	1	1	2			8	QTRN
LUC0029	38.481	115.234	06	50180				3	1	1	2			8	QTRN
LUC0030	38.489	115.188	07	50180				4	1	1	2			8	QTRN
LUC0031	38.478	115.153	06	50180				4	1	1	2			8	QTRN
LUC0032	38.446	115.147	06	50180				3	1	1	2			8	QTRN
LUC0033	38.423	115.146	06	50180				3	1	1	2			8	QTRN
LUC0034	38.406	115.143	06	50180				4	1	1	2			8	QTRN
LUC0035	38.410	115.115	06	50180				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	L-FL	AG	AL	B
LUC0053	10		45.00	10	1	1	2	2	3	NJ1106	2.30	<2	5.70	19
LUC0054	10		50.00	02	1	1	2	2	2	NJ1106	3.57	<2	4.57	23
LUC0055	10		40.00	10	1	1	1	2	2	NJ1106	2.53	<2	5.51	30
LUC0056	10		45.00	10	1	1	1	3	3	NJ1106	2.19	<2	4.94	26
LUC0057	10		50.00	10	1	1	2	2	2	NJ1106	2.72	<2	6.29	29
LUC0058	10		45.00	10	1	1	3	2	2	NJ1106	2.51	<2	5.08	31
LUC0059	10		45.00	10	1	1	2	2	2	NJ1106	1.26	<2	2.21	19
LUC0060	10		30.00	10	1	1	2	2	2	NJ1106	1.47	<2	1.55	14
LUC0061	10		90.00	10	1	1	2	2	2	NJ1106	2.69	<2	7.13	27
LUC0062	10		30.00	10	1	1	1	2	2	NJ1106	2.36	<2	4.09	24
LUC0063	10		30.00	10	1	1	2	2	3	NJ1106	2.10	<2	5.35	28
LUC0064	10		30.00	10	1	1	2	3	3	NJ1106	2.28	<2	4.99	25
LUC0065	10		50.00	10	1	1	3	2	2	NJ1106	2.23	<2	6.19	25
LUC0066	10		45.00	10	1	1	2	2	2	NJ1106	3.66	<2	6.86	26
LUC0067	10		40.00	10	1	1	2	3	3	NJ1106	2.92	<2	6.70	39
LUC0068	10		40.00	10	1	1	1	3	2	NJ1106	2.35	<2	6.57	31
LUC0069	10		40.00	10	1	1	1	3	2	NJ1106	3.25	<2	7.22	44
LUC0070	10		45.00	10	1	1	2	3	3	NJ1106	2.05	<2	4.38	20
LUC0071	10		40.00	10	1	1	2	3	2	NJ1106	2.56	<2	4.80	<10
LUC0072	10		45.00	10	1	1	2	3	2	NJ1106	1.03	<2	4.18	11
LUC0001	10		50.00	10	1	1	1	3	1	NJ1106	2.46	<2	7.01	17
LUC0002	10		45.00	10	1	1	1	3	1	NJ1106	2.20	<2	5.89	20
LUC0003	10		45.00	10	1	1	1	3	1	NJ1106	2.61	<2	6.45	20
LUC0004	10		50.00	10	1	1	1	3	1	NJ1106	2.01	<2	5.87	14
LUC0005	10		54.00	10	1	1	2	3	2	NJ1106	2.69	<2	5.83	16
LUC0006	10		40.00	10	1	1	2	3	2	NJ1106	3.62	<2	5.93	31
LUC0007	10		38.00	10	1	1	2	3	2	NJ1106	3.28	<2	4.85	24
LUC0008	10		45.00	10	1	1	2	3	1	NJ1106	1.59	<2	4.83	11
LUC0009	10		35.00	10	1	1	1	3	2	NJ1106	2.03	<2	5.43	12
LUC0010	10		30.00	10	1	1	1	3	1	NJ1106	1.91	<2	4.51	<10
LUC0011	10		80.00	10	1	1	2	3	1	NJ1106	2.12	<2	6.72	20
LUC0012	10		32.00	10	1	1	1	3	2	NJ1106	2.70	<2	5.44	13
LUC0013	10		120.00	10	1	1	2	3	1	NJ1106	3.55	<2	6.39	16
LUC0014	10		75.00	10	1	1	1	3	1	NJ1106	4.14	<2	6.63	14
LUC0015	10		60.00	10	1	1	1	3	1	NJ1106	2.57	<2	6.43	17
LUC0016	10		52.00	10	1	1	1	3	2	NJ1106	2.61	<2	6.21	20
LUC0017	10		40.00	10	1	1	1	3	1	NJ1106	2.42	<2	6.73	17
LUC0018	10		45.00	10	1	1	1	3	2	NJ1106	2.22	<2	5.30	24
LUC0019	10		50.00	10	1	1	1	3	2	NJ1106	2.61	<2	3.69	39
LUC0020	10		50.00	10	1	1	1	3	1	NJ1106	2.24	<2	6.89	33
LUC0021	10		50.00	10	1	1	1	3	1	NJ1106	2.35	<2	6.94	22
LUC0022	10		50.00	10	1	1	1	3	2	NJ1106	2.54	<2	7.21	24
LUC0023	10		59.00	10	1	1	1	3	1	NJ1106	2.54	<2	6.96	30
LUC0024	10		60.00	10	1	1	1	3	1	NJ1106	2.52	<2	7.33	26
LUC0025	10		60.00	10	1	1	1	3	1	NJ1106	2.18	<2	6.83	32
LUC0026	10		59.00	10	1	1	1	3	1	NJ1106	1.98	<2	7.33	22
LUC0027	10		59.00	10	1	1	1	3	1	NJ1106	2.07	<2	6.94	23
LUC0028	10		59.00	10	1	1	1	3	1	NJ1106	1.97	<2	7.13	18
LUC0029	10		62.00	10	1	1	1	3	1	NJ1106	2.10	<2	7.03	21
LUC0030	10		60.00	10	1	1	1	3	1	NJ1106	2.31	<2	6.71	24
LUC0031	10		58.00	10	1	1	1	3	1	NJ1106	2.21	<2	6.94	29
LUC0032	10		58.00	10	1	1	1	3	1	NJ1106	1.73	<2	5.74	18
LUC0033	10		58.00	10	1	1	1	3	1	NJ1106	2.35	<2	6.67	29
LUC0034	10		58.00	10	1	1	1	3	1	NJ1106	3.27	<2	5.03	44
LUC0035	10		60.00	10	1	1	1	3	1	NJ1106	3.61	<2	5.44	17

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CD	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUC0053	489	2	5.61	42	5	25	11	1.84	<15	1.67	24	37	2.46	418	<4
LUC0054	208	1	1.08	22	<4	256	21	2.36	<15	1.01	21	25	0.30	79	4
LUC0055	548	2	5.29	41	5	55	17	2.13	<15	1.70	25	25	0.83	344	<4
LUC0056	449	2	8.19	43	4	27	11	1.73	<15	1.53	24	32	1.96	370	<4
LUC0057	590	2	2.88	50	5	25	16	2.11	<15	2.03	27	36	1.36	531	<4
LUC0058	404	2	7.03	45	6	43	15	1.80	<15	1.31	24	35	3.01	342	<4
LUC0059	124	1	8.12	22	4	21	10	1.18	<15	0.42	10	20	3.22	267	<4
LUC0060	100	1	9.13	18	4	15	15	1.03	<15	0.32	8	16	4.07	244	<4
LUC0061	674	2	1.65	64	7	22	12	2.44	<15	2.22	25	35	0.74	549	<4
LUC0062	344	1	8.53	38	4	22	14	1.42	<15	1.24	19	26	3.43	336	<4
LUC0063	457	3	6.35	55	5	22	15	1.81	<15	1.80	27	45	1.54	661	<4
LUC0064	414	2	7.92	52	5	22	14	1.76	<15	1.64	26	35	1.56	554	<4
LUC0065	553	2	4.57	64	5	26	15	2.11	<15	1.98	33	41	1.61	615	<4
LUC0066	196	2	2.44	59	12	84	18	2.93	<15	0.99	33	74	0.72	492	<4
LUC0067	532	2	1.26	62	8	52	17	2.38	<15	1.89	25	41	0.65	540	<4
LUC0068	393	2	4.64	49	7	47	16	2.16	<15	1.66	26	55	2.38	410	<4
LUC0069	428	2	3.47	66	10	69	17	2.75	<15	1.32	25	56	1.24	457	<4
LUC0070	381	1	8.55	36	4	24	11	1.47	<15	1.39	19	28	1.94	392	<4
LUC0071	455	1	7.52	43	5	23	11	1.55	<15	1.47	23	30	2.43	426	<4
LUC0072	315	1	14.82	40	5	23	11	1.52	<15	1.00	20	30	1.84	328	<4
LUC0001	647	2	2.60	88	8	31	14	3.77	<15	1.90	45	25	1.03	632	<4
LUC0002	534	1	4.98	56	7	35	13	2.52	<15	1.50	30	28	1.13	511	<4
LUC0003	605	2	4.28	62	7	32	16	2.64	<15	1.77	34	31	1.31	532	<4
LUC0004	451	2	4.68	53	7	38	13	2.19	<15	1.54	30	36	1.17	473	<4
LUC0005	540	2	4.63	47	5	43	21	2.03	<15	1.85	27	32	1.12	483	<4
LUC0006	350	2	5.01	54	10	108	28	3.32	<15	1.20	35	42	1.18	465	5
LUC0007	453	1	9.65	40	4	21	17	1.71	<15	1.56	21	25	2.13	387	<4
LUC0008	440	1	7.69	44	7	69	15	2.23	<15	1.20	25	22	2.48	402	<4
LUC0009	503	1	6.59	61	7	38	11	2.74	<15	1.45	33	25	1.87	462	<4
LUC0010	533	1	9.95	49	4	25	10	1.37	<15	1.29	27	25	1.80	296	<4
LUC0011	655	2	1.77	69	6	23	14	2.23	<15	2.11	36	34	0.90	563	<4
LUC0012	542	1	6.61	45	4	24	13	1.76	<15	1.71	26	27	1.75	409	<4
LUC0013	352	2	1.17	114	<4	5	7	1.34	<15	3.39	59	41	0.32	335	<4
LUC0014	668	2	2.14	84	5	21	14	2.24	<15	2.19	42	32	0.93	548	<4
LUC0015	640	2	2.00	74	6	21	14	2.19	<15	1.92	37	31	0.92	521	<4
LUC0016	639	2	3.09	62	6	24	13	2.12	<15	1.88	32	30	1.18	472	<4
LUC0017	716	2	2.68	65	6	21	12	2.06	<15	2.08	34	30	1.02	492	<4
LUC0018	585	1	6.90	49	5	27	10	1.67	<15	1.40	26	24	1.83	361	<4
LUC0019	453	1	11.26	41	4	18	11	1.21	<15	1.22	19	27	1.89	374	8
LUC0020	687	2	2.98	68	7	28	16	2.31	<15	2.33	35	38	1.25	720	<4
LUC0021	687	2	2.53	57	6	26	17	2.20	<15	2.34	32	34	1.11	605	<4
LUC0022	744	2	1.48	67	5	22	11	2.02	<15	2.36	37	25	0.66	494	<4
LUC0023	658	2	2.06	62	6	24	14	2.02	<15	2.41	33	33	1.05	594	<4
LUC0024	771	2	1.69	66	7	24	13	2.36	<15	2.69	33	37	0.98	803	<4
LUC0025	716	2	2.26	61	6	23	14	2.04	<15	2.46	31	37	1.20	796	<4
LUC0026	762	2	1.69	65	4	21	11	2.24	<15	2.60	38	32	0.72	471	<4
LUC0027	710	2	2.11	72	5	23	10	2.38	<15	2.41	41	32	0.75	458	<4
LUC0028	774	2	1.71	63	5	18	8	1.99	<15	2.31	35	27	0.63	401	<4
LUC0029	719	2	1.94	75	6	21	11	2.20	<15	2.40	40	32	0.98	468	<4
LUC0030	674	2	2.86	59	5	20	10	2.07	<15	2.27	30	31	1.22	516	<4
LUC0031	734	2	3.02	76	8	26	14	2.33	<15	2.09	37	37	1.33	1067	<4
LUC0032	626	2	1.91	60	<4	19	12	1.72	<15	1.93	34	35	2.39	373	<4
LUC0033	719	2	2.33	59	5	23	13	1.99	<15	2.54	32	41	1.37	456	<4
LUC0034	572	1	6.52	44	<4	20	11	1.55	<15	1.93	24	45	1.88	383	<4
LUC0035	681	1	5.58	56	<4	17	21	1.44	<15	1.71	32	34	1.54	312	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUC053	0.97	11	14	445	13	5	243	5	2011	59	12	53	50
LUC054	0.17	5	53	629	10	4	659	<2	1202	103	9	207	43
LUC055	0.89	12	27	658	13	5	289	8	2128	85	14	52	57
LUC056	0.80	12	15	540	12	5	264	5	1864	57	13	52	46
LUC057	1.10	11	13	697	19	6	261	7	2329	60	13	65	57
LUC058	0.67	13	23	595	20	6	203	10	1870	70	13	72	50
LUC059	0.09	6	18	439	<10	3	65	7	370	36	7	43	16
LUC060	0.07	7	17	402	<10	2	53	4	298	26	6	65	13
LUC061	1.42	14	11	426	13	6	325	14	2709	72	14	65	62
LUC062	0.62	13	15	485	15	4	170	9	1487	47	10	56	42
LUC063	0.85	16	13	941	22	5	268	7	1923	50	13	70	45
LUC064	0.63	14	9	964	16	5	292	13	1953	51	13	67	44
LUC065	1.00	15	13	861	23	6	343	9	2365	59	16	65	52
LUC066	0.28	10	45	907	17	10	192	8	2461	153	20	105	86
LUC067	1.03	12	30	969	18	7	252	7	2469	88	19	56	73
LUC068	0.80	10	25	497	15	7	198	7	2078	81	13	65	57
LUC069	0.56	11	40	823	20	9	245	10	2663	119	19	55	72
LUC070	0.68	12	11	667	12	4	212	8	1519	43	10	54	40
LUC071	0.86	13	11	595	18	4	264	11	1709	49	11	50	43
LUC072	0.56	14	10	359	<10	5	539	9	1375	43	10	41	25
LUC0001	1.44	17	12	434	15	9	379	12	4230	143	18	51	60
LUC0002	1.13	14	13	643	17	7	344	9	3330	94	15	67	60
LUC0003	1.09	14	13	673	23	7	325	10	3221	87	15	72	67
LUC0004	0.83	10	21	702	15	7	273	11	2400	75	15	63	62
LUC0005	1.01	13	23	866	17	6	264	3	2267	67	15	52	59
LUC0006	0.46	13	59	1346	13	9	273	8	3438	152	21	161	68
LUC0007	0.85	13	12	476	10	5	242	7	2073	52	11	53	53
LUC0008	0.75	11	23	609	<10	3	298	6	2234	85	12	72	53
LUC0009	0.96	14	15	545	15	7	322	11	3242	105	15	64	55
LUC0010	0.68	13	12	449	10	4	289	10	1731	47	12	45	53
LUC0011	1.25	13	12	289	15	6	295	9	2602	63	14	100	70
LUC0012	1.08	11	11	482	11	5	302	5	2110	56	12	56	50
LUC0013	1.77	9	<2	398	18	6	142	26	794	19	24	54	82
LUC0014	1.40	12	11	411	26	6	317	14	2625	67	15	56	63
LUC0015	1.19	16	11	452	27	6	301	12	2612	63	15	55	70
LUC0016	1.13	14	11	448	21	6	309	13	2507	62	13	55	65
LUC0017	1.35	13	9	381	23	6	351	16	2490	62	14	54	63
LUC0018	0.99	13	11	483	14	6	382	6	2061	58	13	45	49
LUC0019	0.73	14	10	604	12	4	344	8	1497	44	10	35	47
LUC0020	1.09	13	15	590	24	6	296	16	2574	67	16	73	73
LUC0021	1.15	12	14	566	23	6	302	13	2408	63	16	70	70
LUC0022	1.41	13	11	361	20	5	355	8	2564	60	14	52	66
LUC0023	1.22	13	14	650	27	6	317	12	2290	59	15	54	68
LUC0024	1.48	15	12	478	26	6	339	13	2898	71	15	68	66
LUC0025	1.26	13	14	675	18	6	313	12	2346	58	14	53	63
LUC0026	1.46	12	7	425	19	5	373	9	2778	71	14	60	62
LUC0027	1.45	13	11	375	15	5	360	12	3089	81	14	63	60
LUC0028	1.40	12	9	347	20	5	402	11	2362	62	13	54	55
LUC0029	1.42	14	12	443	16	6	351	12	2676	69	14	61	60
LUC0030	1.13	12	11	637	13	6	347	10	2352	63	15	57	59
LUC0031	1.04	13	14	523	16	7	332	10	2604	68	17	67	68
LUC0032	1.11	12	7	468	16	5	336	8	2603	53	12	51	58
LUC0033	1.45	13	13	600	16	5	354	3	3077	60	13	56	71
LUC0034	0.93	12	13	749	10	4	525	5	2002	45	12	50	59
LUC0035	1.10	15	5	514	18	4	460	12	2902	53	12	50	65

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUCD0036	38.451	115.095	06	50180				3	1	1	2			8	QTRN
LUCD0037	38.491	115.116	06	50180				4	1	1	2			8	QTRN
LUCD0038	38.491	115.139	06	50180				4	1	1	2			8	QTRN
LUCD0039	38.424	115.085	06	50180				4	1	1	2			8	QTRN
LUCD0040	38.414	115.041	06	50180				3	1	1	2			8	QTRN
LUCD0041	38.337	115.077	06	50380				3	1	1	2			8	QTRN
LUCD0042	38.358	115.061	06	50380				3	1	1	2			8	QTRN
LUCD0043	38.349	115.038	06	50380				3	1	1	2			8	QTRN
LUCD0044	38.358	115.012	06	50380				2	1	1	2			8	QTRN
LUCD0045	38.365	115.034	06	50380				3	1	1	2			8	QTRN
LUCD0046	38.381	115.032	06	50380				3	1	1	2			8	QTRN
LUCD0047	38.386	115.003	06	50380				2	1	1	2			8	QTRN
LUCD0048	38.398	115.026	06	50380				3	1	1	2			8	QTRN
LUCD0049	38.428	115.015	06	50380				3	1	1	2			8	QTRN
LUCD0050	38.492	115.029	06	50380				3	1	1	2			8	QTRN
LUCD0051	38.492	115.057	06	50380				4	1	1	2			8	QTRN
LUCD0052	38.492	115.092	06	50380				4	1	1	2			8	QTRN
LUCD0053	38.465	115.089	06	50380				4	1	1	2			8	QTRN
LUCD0054	38.475	115.067	06	50380				4	1	1	2			8	QTRN
LUCD0055	38.459	115.042	06	50380				4	1	1	2			8	QTRN
LUCD0056	38.434	115.059	06	50380				4	1	1	2			8	QTRN
LUCD0057	38.444	115.039	07	50380				4	1	1	2			8	QTRN
LUCD0058	38.477	115.015	06	50380				3	1	1	2			8	QTRN
LUCD0059	38.453	115.011	06	50380				4	1	1	2			8	QTRN
LUCD0060	38.266	115.125	06	50280				4	1	1	2			8	QTRN
LUCD0061	38.256	115.151	06	50280				4	1	1	2			8	QTRN
LUCD0062	38.276	115.148	06	50280				4	1	1	2			8	QTRN
LUCD0063	38.275	115.186	06	50280				4	1	1	2			8	QTRN
LUCD0064	38.291	115.195	06	50280				4	1	1	2			8	QTRN
LUCD0065	38.308	115.185	06	50280				4	1	1	2			8	QTRN
LUCD0066	38.320	115.167	06	50280				4	1	1	2			8	QTRN
LUCD0067	38.326	115.127	06	50280				4	1	1	2			8	QTRN
LUCD0068	38.350	115.127	06	50280				4	1	1	2			8	QTRN
LUCD0069	38.372	115.131	06	50280				4	1	1	2			2	QTRN
LUCD0070	38.357	115.158	06	50380				4	1	1	2			8	QTRN
LUCD0071	38.372	115.189	06	50380				4	1	1	2			8	QTRN
LUCD0072	38.353	115.194	06	50380				4	1	1	2			8	QTRN
LUCD0073	38.328	115.217	06	50380				4	1	1	2			8	QTRN
LUCD0074	38.306	115.245	06	50380				4	1	1	2			8	QTRN
LUCD0075	38.356	115.234	06	50380				4	1	1	2			8	QTRN
LUCE001	38.257	114.903	06	41880				2	1	1	2			8	QTRN
LUCE002	38.289	114.907	06	41880				2	1	1	2			8	QTRN
LUCE003	38.288	114.880	06	41880				2	1	1	2			5	QTRN
LUCE004	38.319	114.897	06	41880				3	1	1	2			8	QTRN
LUCE005	38.355	114.911	06	41880				2	1	1	2			8	QTRN
LUCE006	38.334	114.926	06	41880				2	1	1	2			8	QTRN
LUCE007	38.259	114.949	06	41880				2	1	1	2			8	QTRN
LUCE008	38.272	114.976	06	41880				2	1	1	2			8	QTRN
LUCE009	38.292	114.979	06	41880				2	1	1	2			8	QTRN
LUCE010	38.331	114.979	06	41880				2	1	1	2			8	QTRN
LUCE011	38.308	114.952	06	41880				2	1	1	2			8	QTRN
LUCE012	38.367	114.928	06	41980				2	1	1	2			8	QTRN
LUCE013	38.400	114.926	06	41980				2	1	1	2			8	QTRN
LUCE014	38.389	114.910	06	41980				3	1	1	2			8	QTRN
LUCE015	38.419	114.901	06	41980				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	OVEG	MAP	U-FL	AG	AL	B
LUCD036	10		58.00	10	1	1	1	3	2	NJ1106	2.13	<2	5.93	17
LUCD037	10		50.00	10	1	1	1	3	1	NJ1106	2.81	<2	5.62	39
LUCD038	10		55.00	10	1	1	1	3	1	NJ1106	1.93	<2	5.61	27
LUCD039	10		60.00	10	1	1	1	3	1	NJ1106	3.20	<2	5.39	41
LUCD040	10		40.00	10	1	1	1	3	2	NJ1106	23.60	<2	3.92	26
LUCD041	10		40.00	10	1	1	1	3	1	NJ1106	26.80	<2	6.18	29
LUCD042	10		45.00	10	1	1	1	3	1	NJ1106	2.64	<2	6.08	23
LUCD043	10		40.00	10	1	1	1	3	1	NJ1106	2.41	<2	5.07	20
LUCD044	10		28.00	10	1	1	2	3	1	NJ1106	2.09	<2	2.70	18
LUCD045	10		28.00	10	1	1	1	3	1	NJ1106	2.46	<2	3.67	19
LUCD046	10		25.00	10	1	1	1	3	1	NJ1106	2.37	<2	5.40	26
LUCD047	10		28.00	10	1	1	2	3	1	NJ1106	1.94	<2	5.16	24
LUCD048	10		39.00	10	1	1	1	3	1	NJ1106	1.94	<2	5.48	27
LUCD049	10		24.00	10	1	1	2	3	1	NJ1106	2.34	<2	3.58	23
LUCD050	10		25.00	10	1	1	1	3	2	NJ1106	2.39	<2	4.38	17
LUCD051	10		38.00	10	1	1	1	3	1	NJ1106	1.55	<2	5.18	28
LUCD052	10		50.00	10	1	1	1	3	1	NJ1106	2.25	<2	5.82	27
LUCD053	10		70.00	10	1	1	1	2	2	NJ1106	1.94	<2	5.91	34
LUCD054	10		60.00	10	1	1	1	3	1	NJ1106	2.02	<2	5.56	52
LUCD055	10		90.00	10	1	1	1	3	1	NJ1106	2.37	<2	4.65	32
LUCD056	10		45.00	10	1	1	1	3	1	NJ1106	2.30	<2	5.23	34
LUCD057	10		90.00	10	1	1	1	3	1	NJ1106	2.59	<2	3.79	30
LUCD058	10		40.00	10	1	1	1	3	1	NJ1106	2.45	<2	5.92	22
LUCD059	10		20.00	10	1	1	1	3	1	NJ1106	2.47	<2	4.69	23
LUCD060	10		120.00	10	1	1	2	3	3	NJ1106	2.17	<2	6.69	29
LUCD061	10		105.00	10	1	1	1	3	3	NJ1106	2.60	<2	5.93	26
LUCD062	10		90.00	10	1	1	1	3	3	NJ1106	2.10	<2	6.37	32
LUCD063	10		60.00	10	1	1	1	3	2	NJ1106	3.17	<2	5.67	25
LUCD064	10		60.00	10	1	1	1	3	3	NJ1106	3.29	<2	5.36	25
LUCD065	10		60.00	10	1	1	1	3	3	NJ1106	2.93	<2	4.91	25
LUCD066	10		65.00	10	1	1	1	3	3	NJ1106	3.92	<2	5.87	34
LUCD067	10		105.00	10	1	1	1	3	3	NJ1106	3.32	<2	6.63	29
LUCD068	10		75.00	10	1	1	1	3	3	NJ1106	2.56	<2	3.39	23
LUCD069	10		60.00	10	1	1	1	3	3	NJ1106	2.28	<2	4.82	35
LUCD070	10		40.00	10	1	1	1	3	2	NJ1106	2.73	<2	4.66	21
LUCD071	10		105.00	10	1	1	1	3	3	NJ1106	1.66	<2	7.01	39
LUCD072	10		65.00	10	1	1	1	3	3	NJ1106	2.00	<2	6.36	51
LUCD073	10		60.00	10	1	1	1	3	3	NJ1106	2.16	<2	5.45	34
LUCD074	10		75.00	10	1	1	1	3	3	NJ1106	2.57	<2	7.90	22
LUCD075	10		80.00	10	1	1	1	3	3	NJ1106	3.40	<2	6.25	32
LUCE001	10		33.00	10	1	1	2	3	2	NJ1106	2.55	<2	6.68	18
LUCE002	10		33.00	10	1	1	1	3	2	NJ1106	3.09	<2	6.74	13
LUCE003	10		22.00	10	1	1	2	3	2	NJ1106	2.58	<2	4.33	16
LUCE004	10		75.00	10	1	1	1	3	2	NJ1106	2.13	<2	5.19	27
LUCE005	10		33.00	10	1	1	1	3	2	NJ1106	2.64	<2	6.88	27
LUCE006	10		23.00	10	1	1	1	3	2	NJ1106	2.08	<2	6.55	27
LUCE007	10		75.00	10	1	1	2	3	2	NJ1106	2.42	<2	6.19	24
LUCE009	10		55.00	10	1	1	2	3	2	NJ1106	3.02	<2	6.43	21
LUCE009	10		52.00	10	1	1	2	3	2	NJ1106	2.54	<2	6.96	24
LUCE010	10		20.00	10	1	1	2	3	2	NJ1106	2.50	<2	4.68	22
LUCE011	10		50.00	10	1	1	2	3	2	NJ1106	2.50	<2	7.20	11
LUCE012	10		35.00	10	1	1	2	3	2	NJ1106	2.78	<2	5.99	30
LUCE013	10		38.00	10	1	1	2	3	2	NJ1106	2.35	<2	5.38	31
LUCE014	10		70.00	10	1	1	1	3	2	NJ1106	2.85	<2	4.83	17
LUCE015	10		45.00	10	1	1	1	3	2	NJ1106	1.24	<2	5.52	38

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUCD036	€96	2	3.92	72	4	21	20	1.95	<15	1.85	42	27	1.15	360	<4
LUCD037	€84	2	4.50	55	5	25	16	1.96	<15	1.95	29	15	1.74	680	<4
LUCD038	€81	2	4.67	50	<4	18	9	1.49	<15	2.02	29	21	1.41	449	<4
LUCD039	€28	1	5.92	60	4	21	9	1.76	<15	1.92	35	22	1.65	345	<4
LUCD040	377	1	9.90	40	5	29	10	1.39	<15	1.02	21	22	2.24	342	<4
LUCD041	€07	2	4.12	60	6	30	12	2.44	<15	2.02	34	31	1.32	484	<4
LUCD042	€20	2	4.73	63	6	33	11	2.47	<15	1.80	26	27	1.33	478	<4
LUCD043	€15	1	7.52	49	5	24	12	1.80	<15	1.56	25	26	2.11	406	<4
LUCD044	247	1	13.59	22	<4	14	8	0.99	<15	0.76	11	16	4.43	265	<4
LUCD045	2€7	1	11.51	30	<4	16	9	1.19	<15	1.07	17	15	3.74	330	<4
LUCD046	€41	2	6.96	53	5	23	12	1.84	<15	1.62	27	27	1.62	430	<4
LUCD047	€08	1	7.17	55	5	22	13	1.78	<15	1.66	27	26	2.31	435	<4
LUCD048	€27	2	6.67	57	6	30	13	1.97	<15	1.55	20	25	1.58	453	<4
LUCD049	243	1	10.71	36	<4	18	10	1.25	<15	0.97	19	15	4.05	268	<4
LUCD050	419	1	9.41	53	4	18	9	1.43	<15	1.20	27	21	2.48	435	<4
LUCD051	466	2	8.09	39	6	27	14	1.72	<15	1.64	21	31	1.71	434	<4
LUCD052	€29	1	3.77	68	<4	16	7	1.52	<15	2.14	25	30	1.28	350	<4
LUCD053	728	2	4.09	61	<4	20	9	1.57	<15	2.30	24	24	1.35	412	<4
LUCD054	498	2	7.16	58	5	32	19	2.12	<15	1.87	29	42	1.98	589	<4
LUCD055	479	1	10.37	47	4	21	14	1.47	<15	1.54	22	20	2.05	420	<4
LUCD056	490	2	7.21	47	5	25	16	1.80	<15	1.62	25	21	2.06	551	<4
LUCD057	430	1	10.74	39	<4	15	10	1.10	<15	1.16	20	27	2.87	319	<4
LUCD058	€80	2	5.09	68	5	23	11	1.83	<15	1.75	27	26	1.51	418	<4
LUCD059	452	1	7.70	45	4	20	9	1.36	<15	1.38	22	24	3.22	195	<4
LUCD060	€62	2	2.14	64	6	23	15	2.22	<15	2.17	25	25	1.05	537	<4
LUCD061	€23	2	4.78	84	6	21	11	2.38	<15	1.85	46	25	1.20	472	<4
LUCD062	€54	2	5.25	72	6	24	12	2.04	<15	2.01	38	25	1.44	487	<4
LUCD063	€80	1	6.56	47	<4	15	8	1.36	<15	1.92	28	26	1.47	326	<4
LUCD064	€98	2	5.96	60	<4	16	8	1.33	<15	1.74	24	25	1.30	316	<4
LUCD065	€30	1	9.36	46	<4	18	9	1.46	<15	1.55	26	28	1.74	331	<4
LUCD066	€67	2	4.15	48	<4	19	11	1.61	<15	2.02	28	22	1.27	395	<4
LUCD067	715	2	2.75	59	5	22	13	1.90	<15	2.16	23	22	1.13	498	<4
LUCD068	332	1	11.49	26	<4	15	9	1.13	20	1.30	15	15	3.91	289	<4
LUCD069	€61	2	7.30	54	4	22	11	1.42	29	1.43	29	47	1.98	166	<4
LUCD070	490	1	8.72	52	<4	17	10	1.56	17	1.47	28	28	2.52	332	<4
LUCD071	€33	2	2.77	62	7	31	19	2.51	<15	2.32	22	40	1.36	666	<4
LUCD072	€50	2	5.02	47	6	31	21	2.37	<15	2.17	26	42	1.61	556	<4
LUCD073	491	2	5.50	50	6	29	20	2.00	<15	1.65	26	20	1.47	583	<4
LUCD074	€39	2	2.26	75	6	22	12	2.52	<15	2.45	42	24	1.04	541	<4
LUCD075	€07	2	4.26	64	7	30	14	2.03	<15	1.81	33	22	1.28	562	<4
LUCD001	€54	2	3.16	52	6	18	10	2.80	<15	2.07	28	22	1.22	541	<4
LUCD002	738	2	3.69	61	7	24	9	3.39	<15	2.17	24	24	0.80	537	<4
LUCD003	261	1	9.49	39	4	16	19	1.80	<15	1.11	20	22	3.62	519	<4
LUCD004	485	2	7.98	48	4	25	19	1.80	<15	1.76	24	24	2.00	473	<4
LUCD005	€64	2	2.38	63	6	25	16	2.20	<15	2.00	29	22	0.85	575	<4
LUCD006	€23	2	2.49	61	8	42	20	2.79	<15	2.04	33	24	1.14	522	<4
LUCD007	€68	2	3.32	53	7	33	16	2.36	<15	1.55	27	26	0.95	469	<4
LUCD008	€79	2	3.03	92	11	37	16	5.19	<15	1.85	52	28	1.05	713	<4
LUCD009	€76	2	1.61	76	8	29	20	2.63	<15	2.12	42	21	0.92	635	<4
LUCD010	441	1	7.06	66	14	109	19	4.05	<15	1.22	25	26	1.66	605	<4
LUCD011	€89	2	3.03	109	15	39	15	6.38	<15	1.50	55	22	1.29	929	<4
LUCD012	€68	2	4.21	58	7	34	20	2.43	<15	1.75	20	21	1.05	510	<4
LUCD013	€18	2	5.76	50	5	40	19	1.87	<15	1.71	28	21	0.94	417	<4
LUCD014	€05	2	8.66	44	6	28	19	1.70	<15	1.42	22	26	2.07	775	<4
LUCD015	€01	2	6.42	57	6	31	24	2.03	<15	1.72	20	26	1.81	547	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUCD036	1.27	17	6	602	19	5	418	12	4459	72	13	62	74
LUCD037	C.93	13	15	1167	22	5	380	13	2231	55	13	65	65
LUCD038	1.19	11	9	782	13	4	471	10	2082	44	12	45	60
LUCD039	1.17	15	8	729	11	5	441	8	3208	64	12	45	75
LUCD040	0.61	11	16	728	15	4	242	8	1450	49	13	45	45
LUCD041	1.23	13	14	586	<10	7	315	8	3001	63	14	64	63
LUCD042	1.21	15	12	537	21	7	346	13	3157	69	15	66	59
LUCD043	C.94	14	11	556	13	5	310	9	2071	58	12	51	49
LUCD044	0.46	11	9	251	<10	3	145	3	1188	50	7	32	28
LUCD045	C.62	12	9	353	<10	3	201	5	1407	36	5	36	38
LUCD046	C.96	14	12	462	15	5	282	6	2198	56	12	54	53
LUCD047	C.99	14	11	420	19	5	254	15	2204	56	11	51	53
LUCD048	0.92	14	16	628	21	6	280	9	2217	62	14	62	58
LUCD049	C.52	13	8	390	12	4	186	5	1474	58	5	37	39
LUCD050	0.69	14	9	416	14	4	239	9	1644	43	12	42	43
LUCD051	C.81	13	15	635	19	5	242	11	1876	50	13	55	56
LUCD052	1.31	14	5	648	19	4	532	11	2984	52	12	42	84
LUCD053	1.32	12	10	633	16	4	524	11	2608	50	13	45	73
LUCD054	0.68	15	16	1007	20	6	340	17	2179	57	15	62	65
LUCD055	0.77	14	9	786	13	4	334	8	1721	45	11	53	51
LUCD056	0.77	14	12	681	<10	5	246	6	2080	50	14	66	63
LUCD057	C.72	13	8	470	<10	3	361	10	1462	53	9	32	35
LUCD058	1.17	13	11	606	19	5	415	8	2697	61	14	57	62
LUCD059	C.80	12	8	279	<10	5	231	10	1891	45	11	37	47
LUCD060	1.29	14	12	512	18	6	294	12	2618	62	15	72	72
LUCD061	1.17	16	9	417	19	6	365	11	2785	60	15	62	61
LUCD062	1.18	16	12	462	15	6	376	9	2540	62	14	61	67
LUCD063	1.19	12	8	463	10	4	431	8	1969	42	12	41	60
LUCD064	1.05	15	8	610	18	4	380	13	2047	41	13	42	68
LUCD065	0.89	12	7	515	<10	4	407	8	2384	50	12	45	59
LUCD066	1.20	10	9	560	12	5	341	8	2094	46	13	52	65
LUCD067	1.32	13	11	451	20	5	324	7	2283	53	12	56	67
LUCD068	0.54	10	9	347	<10	3	192	6	1338	34	8	35	37
LUCD069	C.72	12	9	371	14	5	372	10	1837	48	11	52	55
LUCD070	C.88	13	9	356	<10	4	316	9	2091	48	10	46	48
LUCD071	C.96	15	17	712	20	7	263	14	2667	69	17	65	80
LUCD072	0.83	13	18	861	17	6	240	8	2485	66	16	50	76
LUCD073	C.78	12	18	770	23	6	212	12	2243	60	14	71	63
LUCD074	1.67	15	13	548	20	6	399	13	3230	74	17	70	84
LUCD075	1.02	14	15	623	15	6	286	13	2297	65	15	66	61
LUCE001	1.32	17	7	649	23	7	292	11	4317	56	13	70	43
LUCE002	1.34	28	9	638	17	8	314	2	6643	128	15	75	45
LUCE003	C.60	13	8	362	151	5	169	<2	2181	53	10	125	41
LUCE004	C.87	14	12	828	18	6	299	7	2142	53	14	66	56
LUCE005	1.22	14	10	515	27	6	332	15	2612	66	14	65	65
LUCE006	1.18	14	16	631	19	8	286	7	3325	54	14	60	75
LUCE007	1.07	13	15	594	11	7	310	7	2968	63	14	70	56
LUCE008	1.39	19	16	507	18	8	346	12	5317	203	17	126	61
LUCE009	1.42	14	14	369	23	7	325	14	3222	66	15	74	70
LUCE010	0.71	15	32	611	14	12	295	11	4516	169	14	65	58
LUCE011	1.39	22	14	601	17	15	416	12	7224	265	14	126	57
LUCE012	1.01	13	17	756	17	7	271	9	2814	60	14	62	61
LUCE013	C.96	12	18	891	23	5	259	10	2274	62	14	65	58
LUCE014	0.71	14	14	309	15	5	330	7	1880	54	14	61	55
LUCE015	0.82	14	16	1093	22	6	276	13	2326	62	16	76	65

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LENG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUCE016	38.440	114.904	06	41980				2	1	1	2			8	QTRN
LUCE017	38.391	114.964	06	41980				2	1	1	2			8	QTRN
LUCE018	38.370	114.962	06	41980				2	1	1	2			8	QTRN
LUCE019	38.432	114.938	06	41980				2	1	1	2			8	QTRN
LUCE020	38.446	114.920	06	41980				2	1	1	2			8	QTRN
LUCE021	38.448	114.888	06	41980				3	1	1	2			8	QTRN
LUCE022	38.467	114.877	06	41980				2	1	1	2			8	QTRN
LUCE023	38.481	114.861	06	41980				3	1	1	2			8	QTRN
LUCE024	38.460	114.855	06	41980				2	1	1	2			8	QTRN
LUCE025	38.453	114.802	06	41980				2	1	1	2			8	QTRN
LUCE026	38.477	114.797	06	41980				2	1	1	2			8	QTRN
LUCE027	38.483	114.777	06	41980				2	1	1	2			8	QTRN
LUCE028	38.451	114.781	06	41980				2	1	1	2			8	QTRN
LUCE029	38.418	114.841	06	41980				3	1	1	2			8	QTRN
LUCE030	38.416	114.811	06	41980				2	1	1	2			8	QTRN
LUCE031	38.395	114.813	06	41980				2	1	1	2			8	QTRN
LUCE032	38.410	114.780	06	42080				2	1	1	2			2	QTRN
LUCE033	38.411	114.780	06	42080				2	1	1	2			2	QTRN
LUCE034	38.386	114.774	06	42080				3	2	1	2			8	QTRN
LUCE035	38.365	114.809	06	41980				2	1	1	2			8	QTRN
LUCE036	38.351	114.838	07	41980				4	1	1	2			8	QTRN
LUCE037	38.336	114.849	06	41980				2	1	1	2			8	QTRN
LUCE038	38.308	114.873	06	41980				2	1	1	2			8	QTRN
LUCE039	38.287	114.873	01	41980				2	1	1	2			5	DVNN
LUCE040	38.268	114.872	06	41980				2	1	1	2			5	QTRN
LUCE041	38.267	114.816	06	41980				3	1	1	2			8	QTRN
LUCE042	38.292	114.809	06	41980				2	1	1	2			8	QTRN
LUCE043	38.315	114.792	06	41480				2	1	1	2			8	QTRN
LUCE044	38.334	114.765	06	41980				3	1	1	2			8	QTRN
LUCE045	38.353	114.774	06	41980				3	1	1	2			8	QTRN
LUCE046	38.301	114.761	06	41980				4	1	1	2			8	QTRN
LUCE047	38.272	114.783	06	41980				2	1	1	2			8	QTRN
LUCE048	38.369	114.761	06	42980				3	1	1	2			8	QTRN
LUCE049	38.340	114.790	06	42980				2	1	1	2			8	QTRN
LUCE050	38.358	114.870	06	42980				4	1	1	2			8	QTRN
LUCE051	38.338	114.869	06	42980				4	1	1	2			8	QTRN
LUCE052			06	42980				4	1	1	2			8	QTRN
LUCE053	38.328	114.937	06	42980				3	1	1	2			8	QTRN
LUCE054	38.271	114.900	06	42980				3	1	1	2			8	QTRN
LUCE056	38.355	114.993	06	50380				2	1	1	2			8	QTRN
LUCE057	38.385	114.989	06	50380				3	1	1	2			8	QTRN
LUCE058	38.404	114.959	06	50380				2	1	1	2			8	QTRN
LUCE059	38.419	114.951	06	50380				2	1	1	2			8	QTRN
LUCE060	38.464	114.968	06	50380				2	1	1	2			8	QTRN
LUCE061	38.458	114.991	06	50380				2	1	1	2			8	QTRN
LUCE062	38.440	114.978	06	50380				2	1	1	2			8	QTRN
LUCF001	38.348	114.694	06	41980				2	1	1	2			8	QTRN
LUCF002	38.346	114.726	06	41980				3	1	1	2			8	QTRN
LUCF003	38.324	114.733	06	41980				3	1	1	2			8	QTRN
LUCF004	38.304	114.729	06	41980				3	1	1	2			8	QTRN
LUCF005	38.305	114.685	06	41980				2	1	1	2			8	QTRN
LUCF006	38.256	114.712	06	41980				3	1	1	2			8	QTRN
LUCF007	38.258	114.686	06	41980				3	1	1	2			8	QTRN
LUCF008	38.260	114.634	06	41980				2	1	1	2			8	QTRN
LUCF009	38.318	114.669	06	42180				2	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUCE016	10		32.00	10	1	1	1	3	2	NJ1106	2.61	<2	5.21	14
LUCE017	10		28.00	10	1	1	2	3	2	NJ1106	2.48	<2	5.50	42
LUCE018	10		29.00	10	1	1	2	3	2	NJ1106	2.54	<2	6.47	38
LUCE019	10		70.00	10	1	1	3	3	2	NJ1106	2.48	<2	5.10	24
LUCE020	10		32.00	10	1	1	1	3	2	NJ1106	2.57	<2	3.94	21
LUCE021	10		38.00	10	1	1	1	3	2	NJ1106	3.05	<2	5.41	25
LUCE022	10		32.00	10	1	1	1	3	2	NJ1106	2.49	<2	5.70	36
LUCE023	10		39.00	10	1	1	1	3	2	NJ1106	1.54	<2	5.39	27
LUCE024	10		42.00	10	1	1	1	3	2	NJ1106	1.59	<2	6.79	41
LUCE025	10		39.00	10	1	1	1	3	2	NJ1106	2.12	<2	6.63	35
LUCE026	10		32.00	10	1	1	1	3	2	NJ1106	2.62	<2	6.75	32
LUCE027	10		24.00	10	1	1	2	3	2	NJ1106	2.56	<2	5.81	14
LUCE028	10		42.00	10	1	1	2	3	2	NJ1106	2.74	<2	6.34	24
LUCE029	10		26.00	10	1	1	1	3	2	NJ1106	3.48	<2	4.07	31
LUCE030	10		46.00	10	1	1	1	3	2	NJ1106	3.61	<2	5.30	23
LUCE031	10		26.00	10	1	1	1	3	2	NJ1106	2.23	<2	5.01	25
LUCE032	10		78.00	10	1	1	2	3	2	NJ1106	2.31	<2	7.85	20
LUCE033	10		42.00	10	1	1	2	3	2	NJ1106	2.35	<2	8.11	21
LUCE034	10		68.00	10	1	1	1	3	2	NJ1106	2.74	<2	8.04	19
LUCE035	10		34.00	10	1	1	1	3	2	NJ1106	2.49	<2	4.29	30
LUCE036	10		30.00	10	1	1	1	3	2	NJ1106	2.49	<2	4.97	29
LUCE037	10		20.00	10	1	1	1	3	2	NJ1106	1.53	<2	4.80	23
LUCE038	10		30.00	10	1	1	1	3	2	NJ1106	1.65	<2	5.61	30
LUCE039	10		29.00	09	1	1	1	3	2	NJ1106	9.46	104	2.72	<10
LUCE040	10		30.00	10	1	1	1	3	2	NJ1106	1.59	<2	5.13	23
LUCE041	10		40.00	10	1	1	1	3	2	NJ1106	2.22	<2	6.12	25
LUCE042	10		20.00	10	1	1	1	3	2	NJ1106	1.52	<2	6.80	30
LUCE043	10		30.00	10	1	1	1	3	2	NJ1106	1.65	<2	6.15	29
LUCE044	10		45.00	10	1	1	1	3	2	NJ1106	1.55	<2	7.02	25
LUCE045	10		70.00	10	1	1	1	3	2	NJ1106	2.61	<2	6.80	19
LUCE046	10		50.00	10	1	1	1	3	2	NJ1106	2.28	<2	6.52	20
LUCE047	10		50.00	10	1	1	1	3	2	NJ1106	2.19	<2	6.00	22
LUCE048	10		42.00	10	1	1	1	3	2	NJ1106	2.30	<2	7.57	15
LUCE049	10		42.00	10	1	1	1	4	2	NJ1106	2.28	<2	6.79	24
LUCE050	10		45.00	10	1	1	1	3	1	NJ1106	2.14	<2	4.27	39
LUCE051	10		40.00	10	1	1	1	3	1	NJ1106	2.34	<2	4.30	35
LUCE052	10		50.00	10	1	1	1	3	1		2.36	<2	6.04	26
LUCE053	10		60.00	10	1	1	1	3	2	NJ1106	2.61	<2	6.41	23
LUCE054	10		60.00	10	1	1	1	4	1	NJ1106	2.45	<2	6.81	<10
LUCE056	10		20.00	10	1	1	2	3	2	NJ1106	2.11	<2	3.81	31
LUCE057	10		20.00	10	1	1	2	3	1	NJ1106	1.11	<2	5.48	42
LUCE058	10		19.00	10	1	1	2	3	1	NJ1106	1.69	<2	4.54	38
LUCE059	10		15.00	10	1	1	2	3	1	NJ1106	1.57	<2	6.37	25
LUCE060	10		20.00	10	1	1	2	3	2	NJ1106	1.88	<2	4.39	28
LUCE061	10		20.00	10	1	1	2	3	1	NJ1106	1.57	<2	4.44	27
LUCE062	10		20.00	10	1	1	3	3	2	NJ1106	2.62	<2	4.04	23
LUCF001	10		30.00	10	1	1	1	3	2	NJ1106	2.07	<2	4.97	32
LUCF002	10		25.00	10	1	1	1	3	2	NJ1106	2.56	<2	5.05	40
LUCF003	10		45.00	10	1	1	1	3	2	NJ1106	1.51	<2	6.15	30
LUCF004	10		60.00	10	1	1	1	3	2	NJ1106	1.68	<2	5.69	15
LUCF005	10		52.00	10	1	1	1	3	2	NJ1106	1.78	<2	4.99	13
LUCF006	10		75.00	10	1	1	1	3	2	NJ1106	2.74	<2	7.11	21
LUCF007	10		70.00	10	1	1	1	3	2	NJ1106	3.03	<2	6.90	14
LUCF008	10		79.00	10	1	1	1	3	2	NJ1106	3.24	2	7.07	<10
LUCF009	10		50.00	10	1	1	1	3	2	NJ1106	2.29	<2	6.01	14

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUCE016	464	2	5.58	56	6	31	16	1.93	<15	1.46	25	25	1.91	426	<4
LUCE017	236	2	5.49	60	10	66	20	2.96	<15	0.98	22	42	0.76	499	<4
LUCE018	562	2	2.87	62	7	55	25	2.36	15	1.96	24	27	0.87	506	<4
LUCE019	477	1	6.40	54	5	24	17	1.87	23	1.53	28	27	2.92	469	<4
LUCE020	261	1	4.69	36	4	18	14	1.38	<15	1.24	20	21	1.89	376	<4
LUCE021	539	2	7.30	52	5	26	16	1.68	<15	1.55	20	31	1.87	498	<4
LUCE022	481	2	6.88	48	6	27	23	2.10	<15	1.75	26	22	1.97	572	<4
LUCE023	495	2	7.57	43	5	25	17	1.89	<15	1.55	22	25	1.91	510	<4
LUCE024	554	2	2.89	60	7	35	29	2.60	<15	2.15	33	45	1.52	525	<4
LUCE025	604	2	2.80	61	7	30	24	2.51	<15	2.09	34	26	1.27	639	<4
LUCE026	597	2	1.92	54	6	30	22	2.43	<15	2.08	31	22	0.95	591	<4
LUCE027	558	2	3.32	65	6	30	16	2.26	<15	1.60	36	27	0.93	427	<4
LUCE028	572	2	2.29	80	8	33	20	3.23	<15	1.80	44	26	0.84	570	<4
LUCE029	279	1	9.53	45	4	22	17	1.39	<15	1.19	22	26	2.59	362	<4
LUCE030	509	2	5.96	53	5	24	17	1.96	<15	1.54	29	26	2.53	486	<4
LUCE031	470	2	6.55	51	5	24	20	1.82	<15	1.54	27	27	2.51	473	<4
LUCE032	561	2	2.76	64	11	33	19	3.97	<15	1.92	33	31	0.79	564	<4
LUCE033	609	1	2.84	67	13	34	18	4.19	<15	1.64	26	21	0.83	622	<4
LUCE034	711	1	2.14	64	8	22	18	2.93	<15	2.09	37	22	0.63	537	<4
LUCE035	296	1	12.64	34	4	22	14	1.56	<15	1.35	17	23	2.49	508	<4
LUCE036	484	1	7.62	44	4	21	18	1.84	<15	1.42	23	27	2.75	525	<4
LUCE037	445	1	8.02	47	5	22	16	1.82	<15	1.22	24	26	3.27	473	<4
LUCE038	527	1	6.43	49	6	25	19	2.12	<15	1.52	26	31	2.66	587	<4
LUCE039	55	<1	3.70	14	5	8	855	25.58	<15	0.26	4	11	1.03	1135	27
LUCE040	427	1	9.60	43	5	20	17	1.89	<15	1.14	21	25	3.39	514	<4
LUCE041	597	1	4.76	65	7	27	18	2.24	<15	1.64	22	21	1.92	556	<4
LUCE042	661	2	2.70	61	7	35	24	2.58	<15	1.90	34	27	1.12	594	<4
LUCE043	628	1	5.45	59	7	28	19	2.29	<15	1.54	32	25	0.96	535	<4
LUCE044	646	1	2.69	75	10	37	19	3.45	<15	1.80	41	33	0.98	633	<4
LUCE045	704	2	1.73	57	9	24	17	2.57	<15	1.95	21	26	0.70	664	<4
LUCE046	594	2	2.75	59	7	30	13	2.39	<15	1.71	31	31	1.14	536	<4
LUCE047	592	2	3.98	53	7	32	15	2.30	<15	1.64	25	20	1.34	524	<4
LUCE048	617	2	2.44	60	11	37	13	3.60	<15	1.73	39	26	0.58	544	<4
LUCE049	645	2	2.52	66	9	41	17	2.89	<15	1.66	34	22	1.02	697	<4
LUCE050	449	1	10.09	41	6	26	13	1.50	<15	1.26	22	25	2.56	618	<4
LUCE051	420	1	11.17	41	5	27	14	1.55	<15	1.23	21	27	2.72	433	<4
LUCE052	611	2	2.40	58	8	32	15	2.14	<15	1.68	21	28	1.04	620	<4
LUCE053	677	2	2.38	95	11	50	13	3.82	15	1.45	48	25	1.11	728	<4
LUCE054	684	2	1.79	61	8	16	8	3.57	<15	2.11	21	25	0.65	642	<4
LUCE056	353	1	9.76	34	5	22	15	1.43	<15	1.05	16	24	3.47	394	<4
LUCE057	354	2	6.50	56	11	68	16	2.66	<15	0.94	21	45	0.87	534	<4
LUCE058	425	1	8.11	37	5	32	13	1.75	<15	1.32	20	28	2.37	482	<4
LUCE059	536	2	2.21	66	9	43	17	2.39	<15	1.57	24	41	0.91	628	<4
LUCE060	459	1	8.06	53	5	23	13	1.62	<15	1.14	26	22	3.38	501	<4
LUCE061	462	1	9.20	49	5	22	11	1.61	<15	1.15	24	24	3.20	454	<4
LUCE062	292	1	9.90	42	4	20	12	1.42	<15	1.08	20	24	4.24	475	<4
LUCF001	459	1	2.98	45	6	46	16	1.86	<15	1.42	26	25	1.10	473	<4
LUCF002	431	1	2.96	50	6	59	16	1.95	<15	1.42	28	24	1.02	499	<4
LUCF003	629	2	1.94	61	8	33	16	2.36	34	1.73	32	31	0.98	585	<4
LUCF004	601	2	2.98	62	7	28	10	2.70	<15	1.51	22	25	0.82	528	<4
LUCF005	469	1	2.30	61	10	42	9	3.85	<15	1.14	25	20	0.98	711	<4
LUCF006	783	2	1.37	69	5	16	11	1.85	25	2.20	26	25	0.62	503	<4
LUCF007	619	2	1.80	106	6	19	10	2.81	<15	1.85	54	28	0.62	585	<4
LUCF008	591	2	2.66	137	17	42	13	8.06	<15	1.25	64	26	1.11	1022	<4
LUCF009	529	1	2.24	74	10	29	10	3.88	<15	1.38	29	25	1.11	780	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUCE016	0.83	13	14	590	17	6	226	8	2207	65	14	66	56
LUCE017	0.49	13	35	1037	17	8	251	10	2993	113	15	58	77
LUCE018	1.00	13	28	957	18	7	251	10	2667	86	18	120	63
LUCE019	0.89	13	14	469	12	5	212	8	2360	50	13	74	59
LUCE020	0.66	9	10	458	11	4	164	7	1638	42	10	45	43
LUCE021	0.87	12	15	555	13	5	286	7	1956	55	14	55	53
LUCE022	0.74	11	17	802	<10	6	221	10	2170	58	13	75	60
LUCE023	0.77	12	15	563	17	5	217	6	2117	55	12	67	58
LUCE024	0.91	13	18	1315	18	7	221	8	2740	74	18	58	77
LUCE025	1.07	14	13	946	17	7	257	9	3010	71	15	66	66
LUCE025	1.09	11	15	826	22	7	267	7	2890	71	16	66	66
LUCE027	0.98	11	17	456	17	6	280	9	2983	78	13	65	60
LUCE023	1.07	14	14	543	17	7	277	10	4109	120	15	55	65
LUCE029	0.55	13	14	638	<10	4	380	10	1577	42	11	55	49
LUCE030	0.92	13	11	602	19	5	235	11	2456	65	13	55	54
LUCE031	0.88	14	14	633	22	5	225	10	2267	55	13	70	60
LUCE032	1.54	14	16	551	18	8	394	9	4709	179	14	75	46
LUCE033	1.68	14	15	603	19	9	391	11	5056	158	15	50	47
LUCE034	2.01	12	12	567	10	7	375	13	3968	91	15	76	50
LUCE035	0.60	10	30	548	15	5	211	3	1801	38	12	75	53
LUCE035	0.90	8	14	591	13	5	197	7	2232	44	13	66	57
LUCE037	0.80	10	26	555	15	5	180	7	2238	45	12	62	54
LUCE039	0.99	11	32	705	52	6	208	5	2502	51	13	115	60
LUCE035	0.05	8	29	286	37006	2	166	2	1086	64	3	36070	17
LUCE040	0.83	10	13	592	<10	6	193	6	2299	48	12	<2	47
LUCE041	1.15	13	31	677	24	6	242	11	2914	57	15	101	65
LUCE042	1.35	11	17	923	37	7	263	5	2983	64	17	124	65
LUCE043	1.07	12	39	573	21	7	264	10	2759	58	15	108	65
LUCE044	1.42	13	35	706	16	8	290	11	4199	111	17	116	64
LUCE045	1.46	13	14	607	12	7	314	7	3465	74	15	85	57
LUCE045	1.10	12	12	651	11	8	301	5	2879	62	16	68	66
LUCE047	1.13	13	17	683	12	7	271	9	2881	65	15	76	62
LUCE048	1.73	13	15	391	19	7	412	15	4496	156	14	73	44
LUCE049	1.18	14	16	733	28	9	296	8	3595	88	17	88	74
LUCE050	0.71	16	15	712	12	5	320	3	1903	41	14	54	56
LUCE051	0.68	15	17	738	12	5	325	6	1968	40	14	57	59
LUCE052	1.11	11	18	854	26	7	258	11	2710	59	16	84	62
LUCE053	1.21	17	25	480	34	10	346	19	4429	124	15	102	70
LUCE054	1.21	29	5	1049	17	9	262	13	6930	113	19	51	36
LUCE056	0.63	12	11	563	20	4	177	10	1618	36	5	65	41
LUCE057	0.53	11	37	1172	18	8	252	5	2525	86	20	58	71
LUCE058	0.72	11	17	634	13	5	212	2	2049	51	13	77	53
LUCE059	0.99	12	23	685	20	7	239	13	2757	68	17	85	72
LUCE060	0.78	14	12	475	18	5	207	10	2055	43	11	58	48
LUCE061	0.80	14	10	450	14	5	222	8	2081	43	11	54	51
LUCE062	0.71	12	13	405	17	4	177	5	1733	37	11	54	41
LUCF001	0.76	10	19	595	15	6	207	5	2251	51	15	103	66
LUCF002	0.75	10	26	1266	25	6	206	13	2304	71	17	131	70
LUCF003	1.13	12	19	618	21	7	250	10	2880	63	15	75	67
LUCF004	1.06	15	11	434	23	7	306	10	4142	95	14	74	65
LUCF005	0.83	15	12	659	14	10	291	7	6220	161	14	66	70
LUCF005	1.53	16	11	365	15	6	260	13	2328	43	15	68	51
LUCF007	1.53	19	8	455	26	6	356	25	3471	86	17	71	57
LUCF008	1.55	25	11	773	17	14	447	13	7639	280	30	172	42
LUCF009	0.86	16	10	788	15	11	357	11	6235	144	17	106	73

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CDCR	CON1	CON2	CON3	FORM
LUCF010	38.322	114.642	06	42080				2	1	1	2			8	QTRN
LUCF011	38.374	114.647	06	42280				2	1	1	2			8	QTRN
LUCF012	38.488	114.647	06	42280				3	1	1	2			8	QTRN
LUCF013	38.479	114.690	06	42280				2	1	1	2			8	QTRN
LUCF014	38.482	114.712	06	42280				2	1	1	2			8	QTRN
LUCF015	38.462	114.697	06	42280				3	1	1	2			8	QTRN
LUCF016	38.444	114.709	06	42280				3	1	1	2			8	QTRN
LUCF017	38.427	114.736	06	42280				2	1	1	2			8	QTRN
LUCF018	38.380	114.742	06	42280				3	1	1	2			8	QTRN
LUCF019	38.414	114.699	06	42280				3	1	1	2			8	QTRN
LUCF020	38.390	114.689	06	42280				2	1	1	2			8	QTRN
LUCF021	38.394	114.643	06	42280				3	1	1	2			8	QTRN
LUCF022	38.411	114.636	06	42280				2	1	1	2			8	QTRN
LUCF023	38.454	114.643	06	42280				2	1	1	2			8	QTRN
LUCF024	38.265	114.610	05	42080	14.0	280.00	3.50	3	2	1	2			2	QTRN
LUCF025	38.266	114.530	06	42080				3	1	1	2			8	QTRN
LUCF026	38.296	114.518	06	42080				3	1	1	2			8	QTRN
LUCF027	38.321	114.509	06	42080				3	1	1	2			8	QTRN
LUCF028	38.267	114.555	07	42080				3	1	1	2			8	QTRN
LUCF029	38.294	114.579	07	42080				3	1	1	2			8	QTRN
LUCF030	38.318	114.600	07	42080				3	1	1	2			8	QTRN
LUCF031	38.292	114.597	06	42080				3	1	1	2			2	QTRN
LUCF032	38.327	114.566	07	42180				3	1	1	2		8	5	QTRN
LUCF033	38.355	114.595	07	42180				3	1	1	2			7	QTRN
LUCF034	38.356	114.568	07	42180				3	1	1	2			8	QTRN
LUCF035	38.354	114.519	06	42180				3	1	1	2			8	QTRN
LUCF036	38.383	114.506	07	42180				3	1	1	2			8	QTRN
LUCF037	38.408	114.515	07	42180				3	1	1	2			8	QTRN
LUCF038	38.384	114.556	07	42180				3	1	1	2			8	QTRN
LUCF039	38.406	114.564	07	42180				3	1	1	2			8	QTRN
LUCF040	38.416	114.559	07	42180				3	1	1	2			8	QTRN
LUCF041	38.450	114.608	07	42180				3	1	1	2			8	QTRN
LUCF042	38.479	114.595	07	42180				3	1	1	2			8	QTRN
LUCF043	38.483	114.570	07	42180				4	1	1	2			2	QTRN
LUCF044	38.449	114.569	07	42180				4	1	1	2			8	QTRN
LUCF045	38.434	114.509	07	42180				4	1	1	2			8	QTRN
LUCF046	38.497	114.507	07	42280				3	1	1	2			8	QTRN
LUCF047	38.386	114.624	06	42880				3	1	1	2			9	QTRN
LUCF048	38.426	114.576	07	42880				3	1	1	2			8	QTRN
LUCF049	38.495	114.616	07	42880				3	1	1	2			8	QTRN
LUCF050	38.435	114.542	07	42880				3	1	1	2			8	QTRN
LUCF051	38.493	114.539	07	42880				3	1	1	2			8	QTRN
LUCF052	38.467	114.514	06	42880				3	1	1	2			8	QTRN
LUCF053	38.397	114.531	06	42880				3	1	1	2			8	QTRN
LUCF054	38.368	114.544	06	42880				4	1	1	2			8	QTRN
LUCF055	38.374	114.590	07	42880				4	1	1	2			8	QTRN
LUCF056	38.332	114.529	07	42880				4	1	1	2			5	QTRN
LUCF057	38.362	114.707	06	42880				3	1	1	2		8	8	QTRN
LUCF058	38.340	114.643	06	42980				2	1	1	2			8	QTRN
LUCF059	38.329	114.706	06	42980				2	1	1	2			8	QTRN
LUCF060	38.312	114.709	06	42980				2	1	1	2			8	QTRN
LUCF061	38.286	114.691	06	42980				2	1	1	2			8	QTRN
LUCF062	38.274	114.703	06	42980				3	1	1	2			8	QTRN
LUCF063	38.270	114.730	06	42980				3	1	1	2			8	QTRN
LUCF064	38.289	114.654	06	42980				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLCW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUCF010	10		48.00	10	1	1	1	3	2	NJ1106	1.84	<2	6.27	17
LUCF011	10		30.00	10	1	1	1	4	2	NJ1106	2.75	<2	5.91	43
LUCF012	10		70.00	10	1	1	1	3	2	NJ1106	1.62	<2	6.75	10
LUCF013	10		60.00	10	1	1	1	3	2	NJ1106	2.21	<2	6.47	23
LUCF014	10		70.00	10	1	1	1	3	2	NJ1106	2.42	<2	6.08	19
LUCF015	10		65.00	10	1	1	1	3	2	NJ1106	2.07	<2	5.87	19
LUCF016	10		60.00	10	1	1	1	3	2	NJ1106	2.02	<2	5.79	34
LUCF017	10		63.00	10	1	1	1	3	2	NJ1106	2.27	<2	6.75	<10
LUCF018	10		60.00	10	1	1	1	3	2	NJ1106	1.80	<2	6.17	18
LUCF019	10		55.00	10	1	1	1	3	2	NJ1106	1.89	<2	5.64	27
LUCF020	10		50.00	10	1	1	1	3	2	NJ1106	2.79	<2	5.97	42
LUCF021	10		50.00	10	1	1	1	4	2	NJ1106	2.51	<2	5.64	39
LUCF022	10		20.00	10	1	1	1	3	2	NJ1106	2.22	<2	5.76	31
LUCF023	10		40.00	10	1	1	1	4	2	NJ1106	2.09	<2	5.46	24
LUCF024	10	8.3	62.00	10	1	2	1	2	2	NJ1106	3.21	<2	6.89	10
LUCF025	10		63.00	10	1	1	1	3	3	NJ1106	2.45	<2	6.42	18
LUCF026	10		53.00	10	1	1	1	3	3	NJ1106	2.47	<2	7.45	11
LUCF027	10		53.00	10	1	1	1	3	3	NJ1106	2.56	<2	7.07	17
LUCF028	10		50.00	10	1	1	1	3	3	NJ1106	2.22	<2	6.78	18
LUCF029	10		50.00	10	1	1	1	3	3	NJ1106	3.04	<2	6.88	17
LUCF030	10		53.00	10	1	1	1	3	2	NJ1106	3.36	<2	6.85	13
LUCF031	10		60.00	10	1	1	1	2	2	NJ1106	3.31	<2	6.92	13
LUCF032	10		64.00	10	1	1	1	3	3	NJ1106	3.28	<2	7.46	29
LUCF033	10		60.00	10	1	1	1	3	3	NJ1106	2.31	<2	7.02	25
LUCF034	10		60.00	10	1	1	1	3	3	NJ1106	2.13	<2	6.56	14
LUCF035	10		69.00	10	1	1	1	3	3	NJ1106	2.22	<2	6.29	22
LUCF036	10		76.00	10	1	1	1	3	3	NJ1106	3.08	<2	6.40	18
LUCF037	10		73.00	10	1	1	1	3	3	NJ1106	3.20	<2	6.72	25
LUCF038	10		65.00	10	1	1	1	3	3	NJ1106	2.65	<2	6.43	17
LUCF039	10		59.00	10	1	1	1	3	3	NJ1106	3.15	<2	5.99	20
LUCF040	10		40.00	10	1	1	1	3	3	NJ1106	1.66	<2	4.80	25
LUCF041	10		50.00	10	1	1	1	3	3	NJ1106	2.63	<2	5.10	30
LUCF042	10		50.00	10	1	1	1	3	3	NJ1106	2.07	<2	4.97	35
LUCF043	10		50.00	02	1	1	1	3	3	NJ1106	3.27	<2	5.21	36
LUCF044	10		50.00	10	1	1	1	3	3	NJ1106	2.00	<2	4.74	31
LUCF045	10		64.00	10	1	1	1	3	3	NJ1106	3.53	<2	7.19	32
LUCF046	10		66.00	10	1	1	1	3	3	NJ1106	<0.25	<2	7.09	16
LUCF047	10		48.00	10	1	1	1	3	3	NJ1106	6.64	<2	6.39	40
LUCF048	10		40.00	10	1	1	1	3	3	NJ1106	1.93	<2	4.52	29
LUCF049	10		40.00	10	1	1	1	3	3	NJ1106	2.36	<2	4.72	14
LUCF050	10		70.00	10	1	1	1	3	3	NJ1106	3.49	<2	7.72	15
LUCF051	10		36.00	10	1	1	1	3	3	NJ1106	2.16	<2	4.98	19
LUCF052	10		66.00	10	1	1	1	3	3	NJ1106	2.85	<2	8.11	19
LUCF053	10		66.00	10	1	1	1	3	3	NJ1106	3.28	<2	7.80	17
LUCF054	10		68.00	10	1	1	1	3	3	NJ1106	3.20	<2	7.82	20
LUCF055	10		66.00	10	1	1	1	3	3	NJ1106	2.90	<2	7.77	27
LUCF056	10		63.00	10	1	1	1	4	3	NJ1106	3.28	<2	9.21	31
LUCF057	10		20.00	10	1	1	2	4	2	NJ1106	3.08	<2	7.02	18
LUCF058	10		40.00	10	1	1	2	4	2	NJ1106	2.45	<2	6.68	30
LUCF059	10		32.00	10	1	1	2	3	2	NJ1106	2.14	<2	5.55	31
LUCF060	10		32.00	10	1	1	2	3	2	NJ1106	1.48	<2	3.52	11
LUCF061	10		50.00	02	1	1	2	3	1	NJ1106	2.53	<2	7.50	16
LUCF062	10		65.00	10	1	1	2	3	1	NJ1106	2.94	<2	7.86	12
LUCF063	10		68.00	10	1	1	1	3	1	NJ1106	3.24	<2	7.77	22
LUCF064	10		80.00	10	1	1	2	4	2	NJ1106	3.56	<2	8.13	16

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	NG	MN	MC
LUCF010	569	2	2.03	63	9	29	16	2.63	<15	1.54	34	27	1.01	574	<4
LUCF011	367	2	4.51	50	9	64	16	2.36	<15	1.26	30	52	0.71	515	<4
LUCF012	539	2	2.90	147	12	40	7	5.23	<15	1.22	86	22	0.84	776	5
LUCF013	615	2	1.51	57	8	36	18	2.52	17	1.75	33	34	0.77	668	<4
LUCF014	576	2	1.69	61	8	34	17	2.35	<15	1.61	33	25	0.70	590	<4
LUCF015	543	2	3.81	60	7	30	16	2.35	<15	1.64	31	25	1.90	637	<4
LUCF016	540	2	3.26	65	7	33	19	2.26	<15	1.66	33	30	1.68	713	<4
LUCF017	502	2	2.77	72	22	83	16	7.48	<15	1.24	38	25	0.88	868	<4
LUCF018	575	2	3.69	59	7	40	16	2.21	<15	1.44	32	30	0.95	536	<4
LUCF019	484	2	1.77	50	7	32	16	2.34	<15	1.60	27	32	0.74	690	<4
LUCF020	365	2	4.20	62	9	90	21	2.43	30	0.95	37	45	0.72	340	4
LUCF021	477	2	3.61	58	8	81	20	2.54	25	1.25	35	37	0.75	418	<4
LUCF022	562	2	5.00	57	7	42	19	2.31	<15	1.56	31	30	0.97	578	<4
LUCF023	539	2	4.47	59	7	28	17	2.01	<15	1.58	31	25	2.39	655	<4
LUCF024	885	2	2.00	101	6	18	6	3.20	<15	1.80	57	24	0.40	444	<4
LUCF025	767	2	1.43	71	8	22	14	2.08	<15	1.80	25	26	0.66	603	<4
LUCF026	735	2	2.14	89	8	24	13	3.11	<15	1.77	50	25	0.90	651	<4
LUCF027	754	2	1.87	70	7	21	14	2.28	19	1.78	40	27	0.72	534	<4
LUCF028	785	2	1.52	75	6	21	13	2.27	<15	1.97	42	30	0.57	500	<4
LUCF029	782	2	1.52	80	8	21	15	2.14	<15	1.95	41	25	0.66	610	<4
LUCF030	866	2	1.19	58	5	17	12	1.73	<15	2.41	31	25	0.46	457	<4
LUCF031	804	2	1.72	87	7	15	115	2.53	<15	1.87	47	30	0.65	578	<4
LUCF032	693	2	1.14	70	9	33	22	2.63	<15	2.15	36	46	0.82	817	<4
LUCF033	663	2	1.25	63	9	32	19	2.46	<15	1.92	32	35	0.86	842	<4
LUCF034	684	2	1.59	61	4	16	10	1.58	19	1.95	34	25	0.54	295	<4
LUCF035	611	2	1.48	77	7	29	12	2.94	<15	1.75	42	27	0.50	513	<4
LUCF036	648	2	1.30	70	6	22	15	2.22	24	1.92	37	32	0.55	588	<4
LUCF037	602	3	1.09	103	10	23	17	2.18	<15	2.00	40	41	0.83	1207	<4
LUCF038	628	2	1.45	77	6	20	13	1.95	<15	1.92	43	30	0.51	455	<4
LUCF039	563	2	1.30	76	6	22	14	2.03	30	1.91	40	25	0.66	448	<4
LUCF040	519	2	7.88	43	5	23	17	1.64	<15	1.41	23	38	2.27	600	<4
LUCF041	585	2	7.71	54	4	22	11	1.47	<15	1.61	28	30	1.61	489	<4
LUCF042	541	2	7.84	63	6	24	13	1.72	<15	1.47	32	28	1.76	614	<4
LUCF043	589	2	6.83	50	5	22	12	1.56	<15	1.72	28	32	1.80	540	<4
LUCF044	510	2	7.92	44	5	22	15	1.57	<15	1.42	23	34	2.34	535	<4
LUCF045	745	2	1.22	77	11	33	24	2.73	<15	2.02	35	40	1.20	1196	<4
LUCF046	679	2	2.16	62	10	30	13	3.20	<15	1.72	38	26	0.72	530	<4
LUCF047	454	2	3.30	55	9	79	20	2.54	<15	1.35	32	50	0.81	513	<4
LUCF048	465	2	8.21	37	5	17	13	1.41	<15	1.35	21	40	2.31	465	<4
LUCF049	426	1	9.04	42	4	17	18	1.50	<15	1.22	21	31	2.63	639	<4
LUCF050	638	2	1.36	95	5	17	9	1.98	<15	2.15	53	30	0.49	354	<4
LUCF051	433	1	7.72	44	5	20	20	1.75	<15	1.22	21	36	2.46	949	<4
LUCF052	691	1	1.58	88	13	32	16	3.83	<15	1.82	41	31	0.89	1080	<4
LUCF053	651	2	1.07	70	7	23	18	2.40	16	1.94	37	32	0.59	675	<4
LUCF054	632	2	1.44	73	5	14	10	1.93	<15	1.97	42	25	0.43	360	<4
LUCF055	631	2	1.35	73	8	24	18	2.85	<15	1.96	37	32	0.71	633	<4
LUCF056	359	1	3.39	41	5	54	14	1.84	<15	1.20	34	30	0.95	395	<4
LUCF057	633	2	1.27	59	5	20	12	2.09	<15	1.91	33	28	0.59	435	<4
LUCF058	544	1	1.57	63	7	42	17	2.58	<15	1.64	35	31	0.83	579	<4
LUCF059	423	1	1.74	45	5	30	15	1.98	<15	1.50	22	28	0.89	466	<4
LUCF060	275	1	1.75	35	4	28	12	1.20	<15	0.97	16	17	0.52	267	<4
LUCF061	735	2	1.49	88	6	17	12	2.37	<15	2.02	47	26	0.58	615	<4
LUCF062	795	2	1.32	87	5	13	7	1.87	<15	2.15	47	32	0.47	464	<4
LUCF063	777	2	1.30	79	5	17	12	2.21	<15	2.14	42	32	0.55	530	<4
LUCF064	949	2	0.91	73	4	11	9	1.75	<15	2.81	36	40	0.42	529	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUCF010	1.04	13	17	742	22	9	269	10	3317	74	16	75	73
LUCF011	0.66	9	35	1454	15	8	227	9	2564	89	19	104	70
LUCF012	1.38	17	14	401	11	11	405	18	7151	212	15	121	49
LUCF013	1.10	12	16	678	17	7	236	11	3064	68	17	50	69
LUCF014	1.13	10	16	685	17	7	265	9	2953	67	16	62	59
LUCF015	1.04	13	19	594	15	7	225	8	2838	66	16	75	58
LUCF016	0.95	14	17	798	19	7	208	10	2594	59	16	67	62
LUCF017	1.38	20	25	744	13	10	358	10	8461	364	16	112	39
LUCF018	0.96	12	20	737	11	7	266	8	2666	64	18	75	62
LUCF019	0.83	10	17	575	22	6	175	12	2596	59	17	76	72
LUCF020	0.50	12	45	1332	16	9	214	14	2509	97	21	118	68
LUCF021	0.73	11	40	1606	14	7	248	7	2646	92	24	120	64
LUCF022	0.98	14	20	812	16	7	258	9	2757	67	17	51	62
LUCF023	0.95	11	14	846	16	6	206	13	2396	51	15	70	57
LUCF024	1.58	17	10	285	27	5	361	21	3351	98	15	75	45
LUCF025	1.35	16	12	429	15	6	305	16	2614	54	16	64	62
LUCF026	1.47	17	31	471	10	9	391	11	3615	86	21	75	58
LUCF027	1.53	14	11	482	13	7	396	10	3008	61	17	63	56
LUCF028	1.55	15	9	410	24	6	326	10	2949	64	16	63	57
LUCF029	1.55	15	10	463	23	7	339	11	3105	57	16	65	58
LUCF030	1.72	14	7	389	24	5	254	8	2439	45	14	56	53
LUCF031	1.46	15	8	428	25	7	362	15	3166	69	16	72	50
LUCF032	1.11	13	21	795	12	8	214	17	3025	61	19	91	75
LUCF033	1.18	12	16	654	21	8	237	9	2864	61	17	81	70
LUCF034	1.58	12	9	313	10	6	330	12	2278	40	14	46	50
LUCF035	1.41	18	15	350	26	6	319	18	2748	63	18	1152	56
LUCF036	1.49	19	10	430	18	6	298	12	3096	62	18	64	64
LUCF037	1.10	24	15	462	30	7	210	23	2395	49	28	60	76
LUCF038	1.48	19	11	418	20	6	304	19	2740	52	17	64	61
LUCF039	1.28	16	10	506	18	6	251	16	2683	46	17	66	62
LUCF040	0.84	17	13	1073	10	5	361	8	2017	42	14	67	53
LUCF041	1.06	14	10	788	14	5	365	12	2257	39	16	51	55
LUCF042	0.93	16	12	1051	19	6	343	16	2591	45	17	62	57
LUCF043	1.16	14	14	674	17	5	324	14	2356	41	16	53	59
LUCF044	0.90	12	11	859	21	5	352	12	1986	38	14	57	51
LUCF045	1.01	16	19	773	29	8	224	10	3153	64	19	57	80
LUCF046	1.51	17	14	500	<10	8	385	11	4246	114	16	72	55
LUCF047	0.71	11	11	1266	18	8	234	10	2693	95	20	115	69
LUCF048	0.83	13	11	569	<10	4	367	9	1574	35	13	53	47
LUCF049	0.74	12	10	1377	11	4	373	7	1664	32	12	60	42
LUCF050	1.55	21	9	400	20	6	298	16	3100	41	20	57	64
LUCF051	0.67	11	4	1399	<10	5	335	9	1847	37	14	62	46
LUCF052	1.18	14	19	561	26	8	276	8	3540	105	17	86	58
LUCF053	1.29	18	13	461	17	6	252	15	2808	50	20	73	68
LUCF054	1.55	17	9	294	23	5	330	13	2348	43	18	51	51
LUCF055	1.31	17	16	453	16	7	269	13	3111	63	19	51	70
LUCF056	0.57	8	23	1021	11	5	184	9	2134	62	15	116	65
LUCF057	1.42	13	10	454	17	5	275	13	2705	44	15	64	60
LUCF058	0.96	10	23	761	23	7	202	15	2821	60	17	54	63
LUCF059	0.75	8	14	465	23	5	172	9	2105	43	11	72	58
LUCF060	0.48	6	31	289	16	3	134	11	1311	27	7	156	37
LUCF061	1.31	14	10	384	19	5	402	18	2742	56	15	67	53
LUCF062	1.59	14	9	275	22	5	270	15	2249	41	14	54	49
LUCF063	1.56	15	12	348	17	5	261	16	2611	49	14	62	51
LUCF064	1.72	14	6	343	21	5	204	13	2107	35	16	55	45

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	DDCR	CON1	CON2	CON3	FORM
LUCF065	38.274	114.665	06	42980				3	1	1	2			8	QTRN
LUCF066	38.210	114.653	06	42380				2	1	1	2			8	QTRN
LUCF067	38.472	114.663	07	42880				2	1	1	2			8	QTRN
LUCF068	38.494	114.684	06	42880				3	1	1	2			8	QTRN
LUCF069	38.451	114.695	06	42880				3	1	1	2			8	QTRN
LUCF070	38.406	114.731	06	42880				4	1	1	2			8	QTRN
LUCF071	38.381	114.713	06	42880				3	1	1	2			8	QTRN
LUCF072	38.432	114.637	06	42880				2	1	1	2			8	QTRN
LUCG001	38.366	114.464	06	42080				4	1	1	2			8	QTRN
LUCG002	38.350	114.427	06	42080				4	1	1	2			8	QTRN
LUCG003	38.364	114.396	06	42080				4	1	1	2			8	QTRN
LUCG004	38.362	114.400	05	42080	21.0	130.00	1.90	4	5	4	2		5	8	QTRN
LUCG005	38.328	114.403	06	42080				4	1	1	2			8	QTRN
LUCG006	38.314	114.381	06	42080				4	1	1	2			2	QTRN
LUCG007	38.323	114.469	06	42080				4	1	1	2			8	QTRN
LUCG008	38.325	114.453	06	42080				4	1	1	2			8	QTRN
LUCG009	38.295	114.468	05	42080	20.0	340.00	4.20	4	4	3	2			8	QTRN
LUCG010	38.296	114.468	06	42080				4	1	1	2			8	QTRN
LUCG011	38.291	114.454	06	42080				4	1	1	2			8	QTRN
LUCG012	38.266	114.471	06	42080				4	1	1	2			8	QTRN
LUCG013	38.261	114.427	05	42080	10.0	140.00	1.70	4	4	3	2			8	QTRN
LUCG014	38.259	114.426	05	42080	10.0	122.00	1.30	4	4	3	2			8	QTRN
LUCG015	38.256	114.453	06	42080				4	1	1	2			8	QTRN
LUCG016	38.317	114.466	07	42080				4	1	1	2			8	QTRN
LUCG017	38.390	114.364	06	42180				4	1	1	2			8	QTRN
LUCG018	38.421	114.349	06	42180				4	1	1	2			8	QTRN
LUCG019	38.465	114.330	08	42180				4	1	1	2			5	TRTR
LUCG020	38.455	114.333	08	42280				4	1	1	2			5	TRTR
LUCG021	38.460	114.352	08	42280				4	1	1	2			5	TRTR
LUCG022	38.458	114.350	06	42280				4	1	1	2			5	QTRN
LUCG023	38.448	114.310	08	42280				4	1	1	2			5	TRTR
LUCG024	38.451	114.323	08	42280				4	1	1	2			5	TRTR
LUCG025	38.488	114.336	06	42280				4	1	1	2			8	QTRN
LUCG026	38.472	114.299	06	42280				4	1	1	2			8	QTRN
LUCG027	38.449	114.264	06	42280				4	1	1	2			8	QTRN
LUCG028	38.484	114.283	06	42280				4	1	1	2			8	QTRN
LUCG029	38.419	114.259	06	42480				4	1	1	2			8	QTRN
LUCG030	38.402	114.267	06	42480				4	1	1	2		5	8	QTRN
LUCG031	38.443	114.308	06	42480				4	1	1	2			8	QTRN
LUCG032	38.446	114.484	07	42280				3	1	1	2			8	QTRN
LUCG033	38.481	114.476	06	42280				3	1	1	2			8	QTRN
LUCG034	38.465	114.441	07	42280				3	1	1	2			8	QTRN
LUCG035	38.478	114.426	06	42280				3	1	1	2			8	QTRN
LUCG036	38.478	114.402	06	42280				3	1	1	2			8	QTRN
LUCG037	38.462	114.410	06	42280				3	1	1	2			8	QTRN
LUCG038	38.392	114.496	07	42380				3	1	1	2			8	QTRN
LUCG039	38.417	114.478	07	42580				3	1	1	2			8	QTRN
LUCG040	38.434	114.446	06	42580				3	1	1	2			8	QTRN
LUCG041	38.427	114.402	06	42580				3	1	1	2			2	QTRN
LUCG042	38.391	114.410	06	42580				3	1	1	2			8	QTRN
LUCG043	38.403	114.428	06	42580				3	1	1	2			8	QTRN
LUCG044	38.396	114.454	06	42580				3	1	1	2			8	QTRN
LUCG045	38.343	114.482	06	42580				4	1	1	2			8	QTRN
LUCG046	38.348	114.451	06	42580				4	1	1	2			8	QTRN
LUCG047	38.369	114.431	06	42580				4	1	1	2			8	QTRN

Table 4, Continued
DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUCF065	10		73.00	10	1	1	1	3	2	NJ1106	3.17	<2	7.50	17
LUCF066	10		63.00	10	1	1	2	2	2	NJ1106	2.64	<2	7.70	17
LUCF067	10		45.00	10	1	1	1	3	2	NJ1106	2.49	<2	6.99	18
LUCF068	10		32.00	10	1	1	1	3	1	NJ1106	2.68	<2	6.68	17
LUCF069	10		32.00	10	1	1	1	3	2	NJ1106	2.65	<2	6.34	28
LUCF070	10		43.00	10	1	1	1	3	1	NJ1106	2.35	<2	6.88	27
LUCF071	10		43.00	10	1	1	1	3	2	NJ1106	3.28	<2	6.82	32
LUCF072	10		53.00	10	1	1	1	3	2	NJ1106	3.53	<2	5.67	33
LUCG001	10		135.00	10	1	1	1	3	3	NJ1106	2.89	<2	7.58	16
LUCG002	10		105.00	10	1	1	1	3	3	NJ1106	3.19	<2	7.53	15
LUCG003	10		95.00	10	1	1	1	2	2	NJ1106	3.11	<2	7.78	15
LUCG004	10	8.2	103.00	10	4	4	1	2	2	NJ1106	2.63	<2	7.65	22
LUCG005	10		93.00	10	1	1	1	2	2	NJ1106	3.32	<2	7.41	25
LUCG006	10		120.00	10	1	1	2	2	3	NJ1106	2.86	<2	8.17	11
LUCG007	10		83.00	10	1	1	1	2	2	NJ1106	3.14	<2	7.39	<10
LUCG008	10		75.00	10	1	1	1	2	2	NJ1106	2.55	<2	8.49	11
LUCG009	10	8.4	93.00	10	3	2	1	2	2	NJ1106	3.24	<2	7.45	10
LUCG010	10		94.00	10	1	1	1	2	2	NJ1106	3.31	<2	7.45	15
LUCG011	10		104.00	10	1	1	1	2	3	NJ1106	2.67	<2	8.21	10
LUCG012	10		94.00	10	1	1	1	2	2	NJ1106	2.58	<2	8.71	<10
LUCG013	10	7.7	75.00	10	4	4	2	2	2	NJ1106	3.40	<2	7.68	19
LUCG014	10	3.8	75.00	10	4	4	2	2	2	NJ1106	3.56	<2	8.19	<10
LUCG015	10		95.00	10	1	1	1	2	2	NJ1106	2.85	<2	7.29	11
LUCG016	10		124.00	02	1	1	1	2	2	NJ1106	3.62	<2	8.08	13
LUCG017	10		94.00	10	1	1	4	2	2	NJ1106	4.06	<2	7.21	17
LUCG018	10		94.00	10	1	1	1	3	2	NJ1106	4.37	<2	6.22	30
LUCG019	10		75.00	02	1	1	4	1	1	NJ1106	19.80	21	3.62	43
LUCG020	10		125.00	02	1	1	3	2	2	NJ1106	5.69	<2	7.98	18
LUCG021	10		118.00	02	1	1	2	2	1	NJ1106	4.20	8	3.97	11
LUCG022	10		55.00	10	1	1	2	2	2	NJ1106	3.36	14	7.36	20
LUCG023	10		94.00	02	1	1	4	2	2	NJ1106	13.76	<2	2.32	<10
LUCG024	10		35.00	02	1	1	4	2	2	NJ1106	3.45	<2	3.91	51
LUCG025	10		95.00	10	1	1	1	2	2	NJ1106	2.73	<2	6.68	21
LUCG026	10		105.00	10	1	1	1	3	2	NJ1106	3.23	<2	7.27	22
LUCG027	10		105.00	10	1	1	1	3	2	NJ1106	3.60	<2	6.83	16
LUCG028	10		69.00	10	1	1	1	3	3	NJ1106	2.76	<2	6.51	17
LUCG029	10		105.00	10	1	1	1	2	3	NJ1106	6.53	<2	7.29	<10
LUCG030	10		90.00	10	1	1	1	2	3	NJ1106	3.32	<2	6.68	17
LUCG031	10		89.00	10	1	1	1	2	2	NJ1106	3.10	<2	7.29	11
LUCG032	10		60.00	10	1	1	1	3	3	NJ1106	2.70	<2	7.28	16
LUCG033	10		66.00	10	1	1	1	3	2	NJ1106	3.11	<2	7.89	12
LUCG034	10		62.00	10	1	1	1	3	3	NJ1106	2.54	<2	7.83	16
LUCG035	10		58.00	10	1	1	1	3	3	NJ1106	2.80	<2	7.81	18
LUCG036	10		62.00	10	1	1	1	3	3	NJ1106	2.65	<2	7.54	14
LUCG037	10		70.00	10	1	1	1	2	2	NJ1106	3.06	<2	7.57	14
LUCG038	10		78.00	10	1	1	1	3	3	NJ1106	4.47	<2	7.70	14
LUCG039	10		64.00	10	1	1	1	3	3	NJ1106	2.52	<2	7.60	13
LUCG040	10		68.00	10	1	1	1	3	3	NJ1106	3.19	<2	7.38	18
LUCG041	10		74.00	10	1	1	1	2	3	NJ1106	3.12	<2	7.11	12
LUCG042	10		56.00	10	1	1	1	3	3	NJ1106	3.14	<2	7.13	12
LUCG043	10		78.00	10	1	1	1	3	3	NJ1106	2.79	<2	7.14	16
LUCG044	10		65.00	10	1	1	1	3	3	NJ1106	4.08	<2	7.06	17
LUCG045	10		82.00	10	1	1	1	3	2	NJ1106	2.73	<2	8.13	14
LUCG046	10		85.00	10	1	1	1	3	2	NJ1106	3.13	<2	8.53	14
LUCG047	10		130.00	10	1	1	1	3	3	NJ1106	3.67	<2	7.39	18

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUCF065	801	2	1.16	78	6	17	14	2.17	<15	2.05	35	31	0.58	613	<4
LUCF066	636	1	1.44	66	9	17	13	3.18	<15	1.76	37	28	0.70	565	<4
LUCF067	575	1	3.30	55	6	28	17	2.51	<15	1.75	29	31	1.57	673	<4
LUCF068	631	1	1.87	74	7	36	11	2.96	<15	1.62	41	25	0.72	541	<4
LUCF069	496	1	3.01	54	7	28	18	2.40	<15	1.52	26	28	1.58	626	<4
LUCF070	579	1	2.23	70	8	34	17	2.66	<15	1.56	36	25	0.84	622	<4
LUCF071	438	1	2.87	59	8	51	14	2.54	<15	1.44	22	41	0.87	518	<4
LUCF072	469	1	5.36	56	6	32	15	2.20	<15	1.35	29	24	1.73	564	<4
LUCG001	587	2	1.47	104	7	20	11	3.19	<15	2.01	58	30	0.47	647	<4
LUCG002	593	2	2.25	85	8	20	9	2.86	<15	1.80	45	28	0.77	516	<4
LUCG003	648	1	2.90	100	9	23	9	4.37	<15	1.74	53	25	0.80	601	<4
LUCG004	577	2	1.63	76	7	18	11	2.58	<15	2.18	40	36	0.72	565	<4
LUCG005	543	2	1.78	75	7	22	13	2.37	<15	1.88	38	34	0.79	475	<4
LUCG006	568	1	2.21	92	10	20	12	3.94	<15	1.56	45	32	0.96	653	<4
LUCG007	582	1	2.37	126	25	53	8	10.67	<15	1.15	67	22	0.88	1399	<4
LUCG008	707	1	2.20	79	8	17	12	3.03	<15	1.68	42	26	0.88	593	<4
LUCG009	613	1	3.70	115	11	24	7	5.25	<15	1.44	60	22	1.00	771	<4
LUCG010	601	1	3.29	146	12	29	9	5.48	<15	1.39	79	24	1.13	808	<4
LUCG011	668	1	2.67	149	10	17	7	3.70	<15	1.35	77	15	0.90	679	<4
LUCG012	738	2	2.43	125	9	15	11	3.38	21	1.50	67	20	0.69	612	<4
LUCG013	674	2	1.75	73	6	17	15	2.80	<15	1.80	39	25	0.76	477	<4
LUCG014	734	2	2.10	86	9	17	13	3.43	<15	1.79	47	28	0.79	757	<4
LUCG015	684	2	1.36	92	9	23	11	3.18	<15	1.80	51	28	0.53	646	<4
LUCG016	667	1	1.98	87	11	31	13	4.36	21	1.57	50	27	0.85	640	<4
LUCG017	704	2	1.14	71	4	15	13	1.71	<15	2.22	38	24	0.48	735	<4
LUCG018	634	2	2.56	61	5	16	13	1.67	<15	1.82	32	31	0.77	590	<4
LUCG019	9669	1	4.07	35	6	40	97	4.65	<15	0.52	20	34	1.54	337	68
LUCG020	545	1	0.66	60	157	38	14	3.81	<15	1.03	31	41	0.54	451	392
LUCG021	4368	1	14.16	27	4	8	30	2.42	<15	0.64	13	20	3.65	714	25
LUCG022	658	1	1.74	85	6	16	31	2.53	<15	1.78	45	25	0.63	672	4
LUCG023	1467	3	7.32	15	13	10	14	7.99	<15	0.22	5	46	0.46	195	6
LUCG024	687	1	11.82	36	5	24	9	1.79	<15	0.86	18	16	1.37	182	58
LUCG025	630	2	4.24	65	7	26	12	2.76	<15	1.41	35	27	1.10	555	<4
LUCG026	579	2	2.30	73	6	22	15	2.41	<15	1.86	40	34	1.06	624	<4
LUCG027	518	2	1.50	93	8	28	13	3.63	<15	1.66	48	35	0.76	606	<4
LUCG028	554	1	4.63	89	8	27	11	3.59	<15	1.46	47	28	1.96	650	<4
LUCG029	619	1	2.02	102	12	63	11	6.99	<15	1.68	53	45	0.74	786	<4
LUCG030	643	2	1.21	68	8	22	16	2.33	<15	1.79	36	32	0.65	646	<4
LUCG031	614	2	4.15	68	7	22	12	2.56	<15	1.58	38	36	0.94	462	<4
LUCG032	613	2	3.41	61	7	24	14	2.80	<15	1.70	35	25	0.95	492	<4
LUCG033	634	1	1.82	70	9	37	12	3.48	<15	1.76	40	25	0.86	542	<4
LUCG034	668	2	1.80	68	7	25	16	2.77	<15	1.97	36	32	0.98	597	<4
LUCG035	642	1	2.74	68	8	25	14	2.78	<15	1.65	36	32	0.93	452	<4
LUCG036	717	1	1.15	67	6	22	12	2.35	<15	1.84	36	27	0.70	498	<4
LUCG037	650	2	1.46	81	9	32	15	3.84	<15	1.82	42	31	0.84	621	<4
LUCG038	634	3	1.18	78	6	16	13	2.05	<15	2.26	38	41	0.62	660	<4
LUCG039	678	2	1.59	78	7	25	13	2.77	<15	1.85	42	25	0.64	503	<4
LUCG040	651	2	1.41	79	6	26	14	3.03	<15	1.64	42	25	0.71	541	<4
LUCG041	641	1	1.65	65	6	19	10	3.11	<15	1.64	33	21	0.43	538	<4
LUCG042	606	1	2.50	78	7	19	12	2.82	<15	1.72	43	30	0.97	547	<4
LUCG043	650	1	1.41	93	7	25	11	3.71	<15	1.62	51	25	0.69	651	<4
LUCG044	615	1	3.26	80	7	23	12	3.03	<15	1.66	42	32	0.96	540	<4
LUCG045	716	2	1.99	68	7	19	14	2.61	<15	1.71	35	28	0.82	540	<4
LUCG046	749	2	1.70	69	8	23	19	2.95	<15	2.02	39	32	0.78	609	<4
LUCG047	664	2	1.38	84	8	26	14	2.80	<15	1.74	41	25	0.76	651	<4

Table 4, Continued

DATA LISTING FOR SECIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	FB	SC	SR	TH	TI	V	Y	2A	2R
LUCF065	1.33	14	12	511	25	6	225	17	2357	45	15	70	51
LUCF066	1.33	13	20	609	18	9	250	15	4110	85	16	106	64
LUCF067	1.15	12	14	779	15	6	228	5	2860	55	14	55	58
LUCF068	1.10	11	16	681	11	7	245	10	3564	82	16	52	68
LUCF069	0.83	10	15	529	21	6	183	5	2571	50	13	66	59
LUCF070	1.05	13	19	849	20	7	252	15	2864	67	17	51	56
LUCF071	0.83	11	24	1033	17	7	210	8	2860	71	17	55	68
LUCF072	0.75	11	19	679	16	6	230	12	2386	52	15	101	57
LUCG001	1.67	19	11	339	17	6	326	15	3385	84	18	77	49
LUCG002	1.42	16	11	374	22	7	325	18	2913	71	17	64	52
LUCG003	1.51	17	12	474	17	7	390	19	4001	113	17	75	51
LUCG004	1.42	18	12	541	23	6	276	14	2872	55	18	65	60
LUCG005	1.18	18	14	376	25	7	246	19	2539	43	20	67	62
LUCG006	1.30	14	10	872	21	9	644	14	3573	105	18	60	34
LUCG007	1.38	20	16	653	14	10	439	10	7464	343	20	166	37
LUCG008	1.75	12	12	581	16	8	472	7	3466	73	15	65	36
LUCG009	1.52	19	9	407	21	10	446	12	4534	125	22	54	46
LUCG010	1.38	20	11	501	18	10	431	16	4933	126	23	114	53
LUCG011	1.65	21	9	406	22	11	475	17	4117	91	25	76	42
LUCG012	1.74	15	9	673	24	8	497	18	3700	87	20	66	39
LUCG013	1.30	18	10	628	23	8	323	9	2942	64	19	75	59
LUCG014	1.52	16	8	572	10	9	421	9	3400	85	17	77	45
LUCG015	1.42	17	11	249	27	6	296	17	3397	75	17	71	63
LUCG015	1.39	15	14	735	27	8	386	11	4319	114	17	65	66
LUCG017	1.33	21	11	284	28	5	238	14	2235	36	17	57	69
LUCG018	1.12	17	10	627	20	5	257	15	1920	32	15	56	62
LUCG019	0.24	8	35	332	591	2	260	4	1070	84	17	167	30
LUCG020	0.60	10	128	605	95	20	191	12	2994	134	365	455	62
LUCG021	0.14	10	8	267	24	3	304	6	1150	37	6	57	32
LUCG022	1.04	15	7	444	764	5	284	15	2979	67	15	76	64
LUCG023	0.05	6	34	174	17	5	82	2	435	139	28	77	15
LUCG024	0.18	9	14	683	413	4	303	14	1323	46	9	40	37
LUCG025	1.01	16	15	394	23	6	306	13	3021	69	14	66	66
LUCG026	1.25	16	13	485	21	6	267	13	2823	55	13	72	71
LUCG027	1.21	31	14	372	22	6	238	13	4451	95	21	81	87
LUCG028	1.08	17	14	433	15	6	280	13	3908	95	17	65	68
LUCG029	1.24	28	15	562	41	6	305	20	5859	216	17	110	74
LUCG030	1.18	13	12	546	27	6	262	15	3045	57	15	62	69
LUCG031	0.86	14	12	301	17	6	285	11	2689	58	16	65	70
LUCG032	1.18	14	12	489	12	7	299	12	2994	65	15	72	61
LUCG033	1.44	15	14	445	410	8	327	8	3815	94	16	74	65
LUCG034	1.11	13	15	551	18	7	244	14	2872	64	16	75	66
LUCG035	0.79	13	14	414	14	8	229	14	2664	67	15	71	62
LUCG036	0.94	11	14	412	12	6	206	13	2424	45	15	68	59
LUCG037	1.13	16	14	438	23	7	241	7	3613	106	17	50	61
LUCG038	1.44	23	9	438	25	6	233	13	2227	35	26	70	70
LUCG039	1.44	15	12	365	19	6	319	9	3210	68	16	71	65
LUCG040	1.17	16	13	343	17	6	291	15	3286	74	16	72	73
LUCG041	1.49	15	8	352	12	5	374	10	3035	88	12	63	46
LUCG042	1.07	13	11	537	25	7	316	9	2892	65	17	70	59
LUCG043	1.13	16	10	440	23	7	280	13	4151	97	16	82	66
LUCG044	1.01	15	12	472	17	7	305	10	3302	74	17	71	66
LUCG045	1.40	11	14	543	15	7	394	12	2947	56	14	65	51
LUCG046	1.66	14	13	585	18	8	366	5	3553	68	16	75	60
LUCG047	1.24	17	14	385	18	6	272	11	3505	65	16	72	84

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEN	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUCG048	38.366	114.419	07	42580				4	1	1	2			8	TRTR
LUCG049	38.364	114.407	07	42580				4	1	1	2			8	QTRN
LUCG050	38.360	114.377	05	42580	18.0	155.00	1.40	4	4	3	2			8	QTRN
LUCG051	38.287	114.495	06	42680				4	1	1	2			8	QTRN
LUCG052	38.252	114.497	06	42680				4	1	1	2			8	QTRN
LUCG053	38.472	114.456	06	42680				3	1	1	2			2	QTRN
LUCG054	38.491	114.302	06	42880				4	1	1	2			8	QTRN
LUCG055	38.436	114.336	06	42880				4	1	1	2		5	8	QTRN
LUCG056	38.402	114.347	06	42880				4	1	1	2		5	8	QTRN
LUCH001	38.494	114.095	06	71480				4	1	1	2			8	QTRN
LUCH002	38.471	114.099	06	71480				4	1	1	2			8	QTRN
LUCH003	38.451	114.105	06	71480				4	1	1	2			8	QTRN
LUCH004	38.431	114.103	06	71480				4	1	1	2			8	QTRN
LUCH005	38.411	114.087	06	71480				4	1	1	2			8	QTRN
LUCH006	38.397	114.109	06	71480				4	1	1	2			8	QTRN
LUCH007	38.393	114.073	06	71480				4	1	1	2			8	QTRN
LUCH008	38.380	114.065	06	71480				4	1	1	2			8	QTRN
LUCH009	38.365	114.080	06	71480				4	1	1	2			8	QTRN
LUCH010	38.353	114.102	06	71480				4	1	1	2			8	QTRN
LUCH011	38.329	114.121	06	71480				4	1	1	2			8	QTRN
LUCH012	38.310	114.102	06	71480				4	1	1	2			8	QTRN
LUCH013	38.294	114.079	06	71480				4	1	1	2			8	QTRN
LUCH014	38.284	114.053	06	71480				4	1	1	2			8	QTRN
LUCH015	38.266	114.038	06	71480				4	1	1	2			8	QTRN
LUCH016	38.255	114.023	06	71480				4	1	1	2			8	QTRN
LUCH017	38.270	114.003	06	71580				4	1	1	2			8	QTRN
LUCH018	38.294	114.007	06	71580				4	1	1	2			8	QTRN
LUCH019	38.317	114.016	06	71580				4	1	1	2			8	QTRN
LUCH020	38.317	114.050	06	71580				4	1	1	2			8	QTRN
LUCH021	38.334	114.028	06	71580				4	1	1	2			8	QTRN
LUCH022	38.357	114.013	06	71580				4	1	1	2			8	QTRN
LUCH023	38.349	114.036	06	71580				4	1	1	2			8	QTRN
LUCH024	38.367	114.049	06	71580				4	1	1	2			8	QTRN
LUCH025	38.381	114.042	06	71580				4	1	1	2			8	QTRN
LUCH026	38.403	114.014	06	71580				4	1	1	2			8	QTRN
LUCH027	38.423	114.016	06	71580				4	1	1	2			8	QTRN
LUCH028	38.442	114.022	06	71580				4	1	1	2			8	QTRN
LUCH029	38.431	114.050	06	71580				4	1	1	2			8	QTRN
LUCH030	38.449	114.058	06	71580				4	1	1	2			8	QTRN
LUCH031	38.470	114.062	06	71580				4	1	1	2			8	QTRN
LUCH032	38.491	114.062	06	71580				4	1	1	2			8	QTRN
LUCH033	38.480	114.029	06	71580				4	1	1	2			8	QTRN
LUCH034	38.462	114.026	06	71580				4	1	1	2			8	QTRN
LUCH035	38.257	114.128	06	71780				2	1	1	2			8	QTRN
LUCH036	38.280	114.135	06	71780				3	1	1	2			8	QTRN
LUCH037	38.266	114.160	06	71780				3	1	1	2			8	QTRN
LUCH038	38.283	114.188	06	71780				3	1	1	2			8	QTRN
LUCH039	38.270	114.158	08	71780				3	1	1	2			8	TRTR
LUCH041	38.253	114.195	06	71780				3	1	1	2			8	QTRN
LUCH042	38.306	114.218	06	71680				3	1	1	2			8	QTRN
LUCH043	38.374	114.216	06	71780				3	1	1	2			8	QTRN
LUCH044	38.328	114.244	06	71780				3	1	1	2			8	QTRN
LUCH045	38.348	114.193	06	71680				3	1	1	2			8	QTRN
LUCH046	38.363	114.195	06	71780				3	1	1	2			8	QTRN
LUCH047	38.387	114.199	06	71780				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVES	CVEG	MAP	U-FL	AG	AL	B
LUCG048	10	4.6	150.00	02	1	1	3	3	1	NJ1106	3.08	<2	7.20	20
LUCG049	10		150.00	02	1	1	1	2	2	NJ1106	3.12	<2	7.35	16
LUCG050	10		130.00	10	4	4	1	2	2	NJ1106	3.57	<2	7.13	21
LUCG051	10		120.00	10	1	1	1	3	2	NJ1106	3.06	<2	5.84	<10
LUCG052	10		90.00	10	1	1	1	2	2	NJ1106	2.45	<2	7.36	14
LUCG053	10		64.00	10	1	1	1	2	2	NJ1106	2.72	<2	8.12	14
LUCG054	10		50.00	10	1	1	1	2	2	NJ1106	2.30	<2	5.89	15
LUCG055	10		95.00	10	1	1	1	2	2	NJ1106	3.78	<2	6.63	11
LUCG056	10		95.00	10	1	1	1	2	3	NJ1106	3.05	<2	7.50	19
LUCH001	10		40.00	10	1	1	1	3	3	NJ1106	2.78	<2	7.28	16
LUCH002	10		80.00	10	1	1	1	3	3	NJ1106	2.37	<2	6.98	22
LUCH003	10		60.00	10	1	1	1	3	3	NJ1106	1.11	<2	6.66	15
LUCH004	10		60.00	10	1	1	1	3	3	NJ1106	2.51	<2	6.74	22
LUCH005	10		75.00	10	1	1	1	3	3	NJ1106	2.46	<2	7.04	16
LUCH006	10		80.00	10	1	1	1	3	3	NJ1106	2.71	<2	7.13	19
LUCH007	10		75.00	10	1	1	1	3	3	NJ1106	2.66	<2	7.79	16
LUCH008	10		75.00	10	1	1	1	3	3	NJ1106	2.54	<2	8.67	<10
LUCH009	10		75.00	10	1	1	1	3	3	NJ1106	2.25	<2	7.33	12
LUCH010	10		70.00	10	1	1	1	3	3	NJ1106	2.16	<2	7.78	<10
LUCH011	10		60.00	10	1	1	1	2	3	NJ1106	2.48	<2	8.01	19
LUCH012	10		85.00	10	1	1	1	2	3	NJ1106	2.64	<2	7.05	13
LUCH013	10		65.00	10	1	1	1	2	3	NJ1106	2.74	<2	7.64	11
LUCH014	10		90.00	10	1	1	1	2	3	NJ1106	2.77	<2	7.29	24
LUCH015	10		75.00	10	1	1	1	2	3	NJ1106	2.66	<2	7.77	13
LUCH016	10		90.00	10	1	1	1	2	3	NJ1106	4.13	<2	7.15	14
LUCH017	10		110.00	10	1	1	1	3	3	NJ1106	3.38	<2	7.82	15
LUCH018	10		65.00	10	1	1	1	3	3	NJ1106	2.16	<2	5.20	10
LUCH019	10		65.00	10	1	1	1	3	3	NJ1106	2.48	<2	6.32	14
LUCH020	10		95.00	10	1	1	1	3	3	NJ1106	2.29	<2	6.13	14
LUCH021	10		50.00	10	1	1	1	3	3	NJ1106	2.46	<2	7.02	21
LUCH022	10		30.00	10	1	1	1	3	3	NJ1106	2.05	<2	5.02	16
LUCH023	10		30.00	10	1	1	1	3	3	NJ1106	2.03	<2	4.94	11
LUCH024	10		40.00	10	1	1	1	3	3	NJ1106	1.65	<2	6.53	14
LUCH025	10		35.00	10	1	1	1	3	3	NJ1106	2.09	<2	7.47	14
LUCH026	10		35.00	10	1	1	1	3	3	NJ1106	2.34	<2	6.86	20
LUCH027	10		30.00	10	1	1	1	3	3	NJ1106	2.72	<2	6.90	18
LUCH028	10		40.00	10	1	1	1	3	3	NJ1106	2.64	<2	7.12	14
LUCH029	10		40.00	10	1	1	1	3	3	NJ1106	2.14	<2	6.25	26
LUCH030	10		50.00	10	1	1	1	3	3	NJ1106	2.13	<2	6.08	16
LUCH031	10		45.00	10	1	1	1	3	3	NJ1106	2.11	<2	7.50	10
LUCH032	10		75.00	10	1	1	1	3	3	NJ1106	1.43	<2	6.96	14
LUCH033	10		65.00	10	1	1	1	3	3	NJ1106	1.64	<2	4.38	24
LUCH034	10		80.00	10	1	1	1	3	3	NJ1106	1.53	<2	4.14	17
LUCH035	10		90.00	10	1	1	2	3	1	NJ1106	3.07	<2	6.45	22
LUCH036	10		65.00	10	1	1	2	2	1	NJ1106	3.42	<2	6.25	19
LUCH037	10		62.00	10	1	1	2	2	2	NJ1106	3.28	<2	5.86	14
LUCH038	10		62.00	10	1	1	1	3	1	NJ1106	5.23	<2	6.47	<10
LUCH039	10		95.00	02	1	1	2	2	2	NJ1106	4.57	<2	6.02	18
LUCH041	10		58.00	10	1	1	2	2	1	NJ1106	3.10	<2	6.43	11
LUCH042	10		50.00	10	1	1	2	3	1	NJ1106	5.52	<2	6.07	16
LUCH043	10		54.00	10	1	1	2	2	2	NJ1106	2.68	<2	6.93	<10
LUCH044	10		52.00	10	1	1	1	2	2	NJ1106	3.57	<2	6.45	14
LUCH045	10		48.00	10	1	1	1	3	2	NJ1106	3.37	<2	6.23	12
LUCH046	10		58.00	10	1	1	1	2	1	NJ1106	3.09	<2	5.73	14
LUCH047	10		65.00	10	1	1	1	2	1	NJ1106	3.37	<2	5.88	24

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUCG048	601	2	2.85	61	6	28	15	2.55	<15	1.65	30	34	1.05	425	<4
LUCG049	642	2	2.58	80	8	25	13	3.32	<15	1.63	43	32	0.93	512	<4
LUCG050	384	3	1.50	90	4	16	12	2.09	<15	2.22	45	47	0.57	903	<4
LUCG051	457	<1	1.91	269	32	84	10	20.21	<15	1.05	149	20	0.86	1795	<4
LUCG052	626	2	1.63	73	7	23	12	2.83	<15	1.77	39	31	0.70	524	<4
LUCG053	652	1	2.02	74	11	33	14	3.97	<15	1.82	41	25	0.83	577	<4
LUCG054	621	1	6.56	50	7	23	14	2.25	<15	1.42	26	31	1.77	511	<4
LUCG055	644	1	3.21	88	6	17	8	2.87	<15	1.52	49	23	1.24	549	<4
LUCG056	607	2	2.20	82	7	27	13	2.44	<15	1.61	39	32	1.26	512	<4
LUCH001	674	1	3.95	63	9	25	14	3.00	<15	1.63	33	26	1.30	552	<4
LUCH002	681	1	3.69	61	9	27	21	2.99	<15	1.63	31	34	1.47	644	<4
LUCH003	641	1	4.34	71	9	34	16	3.47	<15	1.45	36	27	1.61	530	<4
LUCH004	626	1	5.21	60	7	24	14	2.41	<15	1.57	32	27	1.42	479	<4
LUCH005	664	1	4.07	66	8	28	14	3.05	<15	1.50	35	26	1.34	490	<4
LUCH006	690	2	1.66	72	9	29	15	2.99	<15	1.66	36	30	1.02	642	<4
LUCH007	611	1	3.01	76	11	31	14	3.59	19	1.73	39	28	1.03	560	<4
LUCH008	605	1	3.09	73	8	19	12	3.01	<15	1.54	41	22	1.04	509	<4
LUCH009	695	1	4.69	68	8	23	11	2.71	<15	1.55	38	26	1.00	505	<4
LUCH010	655	1	2.06	80	9	27	11	3.34	<15	1.69	45	24	0.85	572	<4
LUCH011	654	1	1.74	79	8	22	14	2.74	<15	1.94	42	26	0.84	634	<4
LUCH012	681	1	1.60	86	9	29	17	3.56	<15	1.84	45	24	0.78	711	<4
LUCH013	632	1	3.02	101	19	68	10	7.28	<15	1.38	50	22	1.61	898	<4
LUCH014	702	2	1.76	72	7	21	15	2.38	<15	2.16	37	32	0.70	671	<4
LUCH015	603	1	1.89	76	10	34	17	3.55	<15	1.65	41	32	0.89	562	<4
LUCH016	785	1	1.39	90	8	23	12	3.04	<15	1.97	47	26	0.61	631	<4
LUCH017	716	1	1.83	85	9	25	15	3.39	24	1.90	45	30	0.90	657	<4
LUCH018	446	1	9.03	57	6	22	12	2.27	18	1.17	30	22	1.64	433	<4
LUCH019	664	1	6.06	61	7	20	13	2.29	<15	1.53	34	27	1.16	451	<4
LUCH020	496	1	6.57	71	10	33	16	3.43	<15	1.41	36	27	1.20	550	<4
LUCH021	659	1	5.01	68	8	23	14	2.53	<15	1.61	35	25	1.26	578	<4
LUCH022	413	1	8.66	53	7	22	13	1.94	<15	1.28	25	24	2.33	432	<4
LUCH023	415	1	9.11	54	6	23	11	2.20	<15	1.09	26	22	2.11	443	<4
LUCH024	687	2	3.01	78	12	39	14	3.84	<15	1.61	44	26	1.07	635	<4
LUCH025	672	2	2.45	76	11	30	14	3.57	<15	1.85	41	27	1.01	695	<4
LUCH026	652	2	2.50	70	10	28	19	2.88	<15	1.80	36	32	1.08	618	<4
LUCH027	642	2	2.16	67	9	27	16	2.56	26	1.82	35	27	0.79	602	<4
LUCH028	608	2	2.35	69	13	46	16	3.80	<15	1.70	37	27	0.95	596	<4
LUCH029	670	2	3.93	59	10	36	19	3.00	<15	1.80	32	32	1.48	560	<4
LUCH030	533	2	3.89	66	11	42	15	3.53	21	1.52	36	26	1.51	582	<4
LUCH031	646	2	2.95	91	15	37	12	4.69	<15	1.50	51	28	0.96	806	<4
LUCH032	637	2	2.15	64	9	29	16	3.10	<15	1.73	37	30	0.88	607	<4
LUCH033	430	1	7.51	52	6	32	13	2.01	<15	1.22	29	24	3.16	497	<4
LUCH034	403	1	7.01	50	7	31	13	1.95	<15	1.08	26	21	2.96	477	<4
LUCH035	739	2	1.43	77	10	22	16	2.85	<15	2.11	40	33	0.73	684	<4
LUCH036	687	2	1.70	78	11	23	22	2.48	<15	2.12	38	30	1.00	673	<4
LUCH037	662	2	1.48	71	8	22	19	2.11	<15	1.75	35	26	0.83	676	<4
LUCH038	633	2	2.48	78	18	73	20	5.13	<15	1.68	38	28	1.31	859	<4
LUCH039	669	3	0.76	77	<4	6	7	0.89	<15	2.63	39	21	0.54	551	<4
LUCH041	681	2	2.24	92	13	50	10	4.48	<15	1.90	50	28	0.93	798	<4
LUCH042	609	2	1.68	71	9	29	27	3.14	<15	1.85	39	32	1.24	476	<4
LUCH043	656	2	3.38	81	15	37	12	3.43	<15	1.38	35	22	1.42	782	<4
LUCH044	680	2	1.93	73	12	32	21	3.20	19	1.71	39	31	1.15	717	<4
LUCH045	659	2	2.36	78	13	43	12	3.77	<15	1.71	39	28	1.27	667	<4
LUCH046	625	2	1.55	68	8	26	15	2.30	<15	1.70	36	25	0.87	549	<4
LUCH047	497	5	1.50	67	6	23	15	1.87	<15	1.91	34	61	0.75	520	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUCG048	1.04	14	16	296	13	7	272	12	2720	55	15	70	73
LUCG049	1.09	16	12	538	22	8	239	15	3295	50	17	75	62
LUCG050	1.30	28	14	210	22	5	189	21	2059	36	25	72	70
LUCG051	1.02	41	22	540	16	12	280	23	12721	423	36	276	63
LUCG052	1.30	19	12	359	18	6	277	14	3095	66	17	66	63
LUCG053	1.58	13	13	426	17	9	354	17	4061	123	16	75	54
LUCG054	0.97	12	14	577	23	6	281	4	2573	54	13	62	60
LUCG055	1.19	23	7	346	22	5	239	15	3552	73	15	66	66
LUCG056	1.01	17	15	241	22	7	218	18	2655	53	17	65	75
LUCH001	1.25	12	12	572	17	8	225	15	3114	52	15	65	51
LUCH002	0.98	13	14	765	21	8	255	7	3016	70	16	61	58
LUCH003	1.08	14	16	683	21	8	295	12	3493	104	15	77	60
LUCH004	1.14	12	13	621	15	7	322	14	2643	61	15	65	58
LUCH005	1.20	12	13	609	12	8	340	16	3245	57	15	65	60
LUCH006	1.10	14	16	521	26	8	307	19	2986	71	18	76	67
LUCH007	1.44	13	15	613	16	9	382	15	3698	110	16	73	57
LUCH008	1.60	11	9	487	12	9	457	11	3251	54	15	61	46
LUCH009	1.21	12	12	444	12	8	398	9	2769	64	16	62	60
LUCH010	1.42	12	12	373	20	9	399	12	3351	54	16	68	57
LUCH011	1.38	13	11	483	20	7	345	20	3071	61	16	65	79
LUCH012	1.19	17	15	463	15	9	319	15	4026	55	17	71	68
LUCH013	1.42	16	20	302	13	17	426	9	5496	236	24	116	51
LUCH014	1.27	18	10	528	23	7	292	15	3139	46	16	72	78
LUCH015	1.18	15	16	532	21	10	320	11	4095	70	18	71	82
LUCH016	1.29	17	13	654	15	6	340	11	4346	79	17	64	99
LUCH017	1.33	14	14	588	21	9	323	15	3795	27	17	72	73
LUCH018	0.70	12	9	554	12	6	258	12	2407	57	13	53	54
LUCH019	0.94	13	12	554	18	6	322	13	2560	56	14	61	59
LUCH020	0.83	15	15	530	11	8	315	8	3383	80	16	75	66
LUCH021	0.89	12	11	654	<10	8	265	8	2647	58	16	65	61
LUCH022	0.70	12	13	562	<10	5	219	8	2155	47	12	45	56
LUCH023	0.67	12	13	529	11	5	238	10	2355	56	12	52	55
LUCH024	1.36	13	15	638	17	9	373	9	4114	142	16	78	57
LUCH025	1.63	14	13	627	14	10	413	9	4164	125	18	77	53
LUCH026	1.43	13	14	752	17	10	359	15	3601	85	17	75	58
LUCH027	1.60	12	11	547	20	8	399	13	3143	83	14	62	54
LUCH028	1.58	14	19	451	19	9	409	14	4148	148	15	80	54
LUCH029	1.23	14	18	626	14	8	299	12	3409	101	15	72	62
LUCH030	1.25	13	17	543	24	8	334	14	3808	137	15	72	55
LUCH031	1.66	14	15	558	22	10	401	12	4894	187	17	50	38
LUCH032	1.58	12	12	425	17	8	354	10	3688	104	14	71	49
LUCH033	0.86	12	15	788	16	6	227	12	2345	73	14	67	48
LUCH034	0.77	12	14	740	16	6	214	15	2189	71	14	64	50
LUCH035	1.24	15	12	644	23	9	316	12	3637	86	17	75	59
LUCH036	1.16	13	13	665	24	9	355	17	3175	69	17	65	57
LUCH037	1.05	12	12	496	26	3	284	16	2752	59	16	61	60
LUCH038	1.29	15	20	827	27	11	374	8	5646	235	17	65	45
LUCH039	1.19	31	5	191	33	4	143	21	1159	19	16	40	63
LUCH041	1.28	23	13	456	29	9	426	21	5398	200	16	78	59
LUCH042	0.93	13	14	773	21	11	260	20	3246	75	20	56	62
LUCH043	1.35	14	14	491	26	14	462	12	3874	124	20	76	45
LUCH044	1.14	16	22	482	19	12	315	10	3688	99	21	68	60
LUCH045	1.13	17	16	569	15	12	379	10	4134	132	21	74	59
LUCH046	1.18	15	12	475	20	3	291	12	3087	67	18	57	60
LUCH047	1.27	22	14	441	27	6	203	18	2153	46	27	65	62

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-SP	QCCR	CON1	CON2	CON3	FORM
LUCH048	38.381	114.217	06	71780				3	1	1	2			8	QTRN
LUCH049	38.407	114.200	07	71780				3	1	1	2			8	QTRN
LUCH050	38.406	114.177	06	71780				3	1	1	2			8	QTRN
LUCH051	38.393	114.161	06	71780				3	1	1	2			8	QTRN
LUCH052	38.379	114.143	06	71780				3	1	1	2			8	QTRN
LUCH053	38.359	114.172	06	71780				3	1	1	2			8	QTRN
LUCH054	38.340	114.172	06	71780				3	1	1	2			8	QTRN
LUCH055	38.329	114.150	06	71780				2	1	1	2			8	QTRN
LUCH056	38.358	114.127	06	71780				3	1	1	2			8	QTRN
LUCH057	38.398	114.141	06	71780				3	1	1	2			8	QTRN
LUCH058	38.417	114.154	06	71780				3	1	1	2			8	QTRN
LUCH059	38.418	114.131	06	71780				3	1	1	2			8	QTRN
LUCH060	38.430	114.149	06	71780				3	1	1	2			8	QTRN
LUCH061	38.433	114.172	06	71780				3	1	1	2			8	QTRN
LUCH062	38.438	114.194	06	71780				3	1	1	2			8	QTRN
LUCH063	38.459	114.177	06	71780				3	1	1	2			8	QTRN
LUCH064	38.474	114.159	06	71780				3	1	1	2			8	QTRN
LUCH065	38.490	114.148	06	71780				3	1	1	2			8	QTRN
LUCH066	38.458	114.151	06	71780				3	1	1	2			8	QTRN
LUCH067	38.469	114.198	06	71780				3	1	1	2			8	QTRN
LUCH068	38.490	114.204	06	71780				3	1	1	2			8	QTRN
LUCH069	38.426	114.209	06	71780				3	1	1	2			8	QTRN
LUCH070	38.412	114.221	06	71780				3	1	1	2			8	QTRN
LUCH071	38.441	114.228	06	71780				3	1	1	2			8	QTRN
LUCH072	38.451	114.245	06	71780				3	1	1	2			8	QTRN
LUCH073	38.290	114.209	06	71780				3	1	1	2			8	QTRN
LUDA001	38.225	115.783	06	51780				2	1	1	2			8	QTRN
LUDA002	38.217	115.751	06	51780				2	1	1	2			8	QTRN
LUDA003	38.194	115.771	06	51780				3	1	1	2			8	QTRN
LUDA004	38.216	115.791	06	51780				3	1	1	2			8	QTRN
LUDA005	38.196	115.816	06	51780				2	1	1	2			8	QTRN
LUDA006	38.196	115.796	06	51780				2	1	1	2			8	QTRN
LUDA007	38.181	115.784	06	51780				2	1	1	2			8	QTRN
LUDA008	38.169	115.833	06	51780				3	1	1	2			8	QTRN
LUDA009	38.130	115.797	06	51780				3	1	1	2			8	QTRN
LUDA010	38.145	115.823	06	51780				3	1	1	2			8	QTRN
LUDA011	38.137	115.843	06	51780				3	1	1	2			8	QTRN
LUDA012	38.094	115.840	06	51880				2	1	1	2			8	QTRN
LUDA013	38.075	115.840	06	51880				3	1	1	2			8	QTRN
LUDA014	38.049	115.840	06	51880				3	1	1	2			8	QTRN
LUDA015	38.063	115.851	01	51880				1	1	1	2		8	5	TRTR
LUDA016	38.042	115.865	06	51880				3	1	1	2			8	QTRN
LUDA017	38.028	115.836	06	51880				3	1	1	2			8	QTRN
LUDA018	38.007	115.825	06	51880				3	1	1	2			8	QTRN
LUDA019	38.001	115.804	06	51880				3	1	1	2			8	QTRN
LUDA020	38.117	115.856	06	51880				2	1	1	2			8	QTRN
LUDA021	38.097	115.818	06	51880				2	1	1	2			8	QTRN
LUDA022	38.081	115.770	01	51880				1	1	1	2			5	TRTR
LUDA023	38.089	115.775	06	51880				2	1	1	2			8	QTRN
LUDA024	38.089	115.800	06	51880				3	1	1	2			8	QTRN
LUDA025	38.070	115.869	06	51880				3	1	1	2			8	QTRN
LUDA026	38.060	115.909	06	51880				3	1	1	2			8	QTRN
LUDA027	38.048	115.932	06	51880				3	1	1	2			8	QTRN
LUDA028	38.023	115.931	06	51880				3	1	1	2			8	QTRN
LUDA029	38.074	115.937	06	51880				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	M&P	U-FL	AG	AL	B
LUCH048	10		55.00	10	1	1	1	2	2	NJ1106	3.09	<2	6.20	15
LUCH049	10		50.00	10	1	1	1	3	1	NJ1106	2.46	<2	5.65	22
LUCH050	10		52.00	10	1	1	1	3	2	NJ1106	3.82	<2	6.57	17
LUCH051	10		50.00	10	1	1	1	3	1	NJ1106	3.03	<2	6.18	23
LUCH052	10		50.00	10	1	1	1	3	1	NJ1106	3.05	<2	6.38	28
LUCH053	10		52.00	10	1	1	1	2	1	NJ1106	3.66	<2	6.25	27
LUCH054	10		54.00	10	1	1	1	2	2	NJ1106	336.00	<2	6.67	14
LUCH055	10		53.00	10	1	1	1	3	1	NJ1106	2.12	<2	6.48	11
LUCH056	10		53.00	10	1	1	1	3	2	NJ1106	2.34	<2	6.90	32
LUCH057	10		50.00	10	1	1	1	3	1	NJ1106	2.62	<2	6.63	20
LUCH058	10		55.00	10	1	1	1	3	1	NJ1106	6.27	<2	5.64	11
LUCH059	10		52.00	10	1	1	1	3	1	NJ1106	2.78	<2	6.66	20
LUCH050	10		54.00	10	1	1	1	3	1	NJ1106	3.50	<2	6.45	17
LUCH061	10		58.00	10	1	1	1	3	1	NJ1106	4.13	<2	6.36	19
LUCH052	10		50.00	10	1	1	1	3	1	NJ1106	2.65	<2	6.25	23
LUCH053	10		50.00	10	1	1	1	3	1	NJ1106	2.58	<2	6.06	22
LUCH054	10		58.00	10	1	1	1	3	1	NJ1106	3.18	<2	6.78	24
LUCH065	10		59.00	10	1	1	1	3	1	NJ1106	2.79	<2	6.71	25
LUCH056	10		55.00	10	1	1	1	3	1	NJ1106	2.59	<2	6.37	251
LUCH057	10		50.00	10	1	1	1	3	1	NJ1106	2.24	<2	4.79	24
LUCH058	10		58.00	10	1	1	1	3	1	NJ1106	1.65	<2	3.70	18
LUCH069	10		70.00	10	1	1	1	3	1	NJ1106	2.93	<2	6.61	19
LUCH070	10		78.00	10	1	1	1	2	2	NJ1106	4.43	<2	6.31	18
LUCH071	10		72.00	10	1	1	1	3	1	NJ1106	1.66	<2	3.43	20
LUCH072	10		58.00	10	1	1	1	3	1	NJ1106	1.62	<2	3.92	22
LUCH073	10		58.00	10	1	1	1	2	2	NJ1106	3.53	<2	7.17	14
LUDA001	10		60.00	10	1	1	1	3	1	NJ1106	3.17	<2	6.66	20
LUDA002	10		62.00	10	1	1	1	3	1	NJ1106	2.49	<2	5.71	38
LUDA003	10		49.00	10	1	1	1	3	1	NJ1106	3.30	<2	7.34	36
LUDA004	10		75.00	10	1	1	1	3	1	NJ1106	3.28	<2	7.24	28
LUDA005	10		70.00	10	1	1	1	3	1	NJ1106	3.09	<2	7.34	26
LUDA006	10		80.00	10	1	1	2	3	1	NJ1106	3.80	<2	7.07	20
LUDA007	10		60.00	10	1	1	2	3	1	NJ1106	3.40	<2	7.15	18
LUDA008	10		75.00	10	1	1	1	3	1	NJ1106	3.21	<2	7.21	24
LUDA009	10		140.00	10	1	1	2	3	1	NJ1106	0.68	<2	6.87	24
LUDA010	10		60.00	10	1	1	2	3	1	NJ1106	4.49	<2	7.01	19
LUDA011	10		80.00	10	1	1	1	3	1	NJ1106	3.27	<2	7.07	27
LUDA012	10		49.00	10	1	1	2	3	1	NJ1106	4.11	<2	7.54	21
LUDA013	10		150.00	10	1	1	2	3	2	NJ1106	4.27	<2	6.99	22
LUDA014	10		90.00	10	1	1	2	3	1	NJ1106	3.78	<2	7.34	77
LUDA015	10		70.00	02	1	1	2	3	1	NJ1106	1.68	<2	2.74	<10
LUDA016	10		70.00	10	1	1	2	2	1	NJ1106	3.56	<2	7.31	18
LUDA017	10		70.00	10	1	1	1	2	1	NJ1106	4.60	<2	7.60	19
LUDA018	10		80.00	10	1	1	1	3	1	NJ1106	4.06	<2	7.06	20
LUDA019	10		70.00	10	1	1	2	2	1	NJ1106	5.59	<2	7.18	18
LUDA020	10		70.00	10	1	1	1	3	1	NJ1106	5.25	<2	6.89	21
LUDA021	10		75.00	10	1	1	2	2	1	NJ1106	3.60	<2	7.01	23
LUDA022	10		100.00	02	1	1	2	2	2	NJ1106	6.68	<2	6.25	<10
LUDA023	10		100.00	10	1	1	3	2	2	NJ1106	6.53	<2	6.68	23
LUDA024	10		80.00	10	1	1	2	2	2	NJ1106	7.72	<2	7.13	19
LUDA025	10		60.00	10	1	1	1	3	1	NJ1106	4.22	<2	7.63	19
LUDA026	10		70.00	10	1	1	1	3	1	NJ1106	3.28	<2	7.06	23
LUDA027	10		65.00	10	1	1	1	3	1	NJ1106	3.76	<2	7.25	24
LUDA028	10		60.00	10	1	1	1	3	1	NJ1106	2.68	<2	7.68	20
LUDA029	10		60.00	10	1	1	1	3	1	NJ1106	4.29	<2	6.99	19

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MC
LUCH048	601	3	2.22	72	10	25	13	2.68	<15	1.82	37	45	1.13	666	<4
LUCH049	533	2	3.11	54	7	24	15	2.15	<15	1.64	28	41	1.65	555	<4
LUCH050	487	4	1.78	58	7	19	13	2.26	<15	2.05	31	72	0.86	502	<4
LUCH051	558	4	1.46	61	7	23	14	2.08	<15	1.87	31	45	0.83	577	<4
LUCH052	586	3	1.34	58	8	27	20	2.27	<15	1.92	30	43	0.91	646	<4
LUCH053	573	3	1.34	67	8	30	17	2.74	<15	1.87	35	42	1.22	585	<4
LUCH054	723	2	1.81	81	8	25	12	2.56	<15	1.70	44	27	0.74	611	<4
LUCH055	675	2	2.24	91	9	23	11	2.56	32	1.66	49	23	1.11	627	<4
LUCH056	575	4	2.07	75	8	21	52	2.38	<15	1.63	38	57	1.11	558	<4
LUCH057	578	2	1.91	73	10	34	13	3.24	<15	1.83	37	36	0.95	598	<4
LUCH058	423	3	1.75	101	13	59	11	6.03	<15	1.45	50	55	0.82	674	<4
LUCH059	553	2	2.49	65	9	32	12	3.09	<15	1.82	35	42	1.04	521	<4
LUCH060	552	3	1.43	75	8	23	13	2.39	<15	1.85	38	46	0.84	495	<4
LUCH061	482	3	2.79	69	7	21	12	2.50	<15	1.96	33	50	1.38	543	<4
LUCH062	507	2	3.68	63	8	20	16	2.38	<15	1.82	31	36	1.82	613	<4
LUCH063	482	2	4.88	60	7	19	13	2.32	<15	1.58	32	35	1.73	535	<4
LUCH064	575	2	1.79	63	6	20	15	2.41	<15	2.25	34	37	1.06	587	<4
LUCH065	588	2	1.94	64	7	26	20	2.55	<15	2.06	35	35	1.28	608	<4
LUCH066	561	2	2.89	62	8	26	22	2.40	<15	1.83	32	36	1.42	624	<4
LUCH067	456	1	8.72	48	6	22	15	1.84	<15	1.33	24	26	2.37	469	<4
LUCH068	347	1	12.31	38	5	17	10	1.44	<15	0.97	18	21	3.66	416	<4
LUCH069	536	3	1.51	70	8	25	15	2.65	<15	1.95	36	37	0.83	564	<4
LUCH070	465	4	1.21	71	7	17	12	2.39	<15	2.00	37	40	0.54	598	<4
LUCH071	315	1	11.53	32	4	16	10	1.36	<15	0.92	15	21	4.36	397	<4
LUCH072	362	1	9.99	32	4	18	12	1.51	<15	1.10	14	23	3.83	452	<4
LUCH073	626	1	2.75	85	14	51	17	4.46	<15	1.62	41	32	1.25	756	<4
LUDA001	585	1	3.85	72	6	25	6	2.58	<15	1.64	37	30	1.71	437	<4
LUDA002	540	2	7.01	56	5	24	11	1.97	<15	1.72	29	33	1.38	504	<4
LUDA003	702	2	1.79	69	6	27	15	2.52	<15	2.33	37	41	1.23	613	<4
LUDA004	757	2	1.92	81	7	27	11	2.74	<15	2.16	43	40	1.07	638	<4
LUDA005	834	2	1.90	69	5	19	8	2.08	<15	2.40	38	37	0.86	550	<4
LUDA006	873	2	1.13	92	4	18	10	2.02	<15	2.65	46	34	0.55	546	<4
LUDA007	838	2	1.30	83	4	20	9	2.18	<15	2.56	43	37	0.62	513	<4
LUDA008	877	2	1.33	87	4	16	9	2.16	<15	2.56	45	37	0.66	584	<4
LUDA009	823	3	1.25	99	<4	12	8	1.76	<15	2.65	48	40	0.50	599	<4
LUDA010	690	2	1.50	87	<4	7	6	1.54	<15	2.53	46	42	0.50	601	<4
LUDA011	815	2	1.75	79	5	18	9	1.91	<15	2.36	40	37	0.81	552	<4
LUDA012	757	3	1.58	89	4	9	7	2.19	25	2.27	44	46	0.60	704	<4
LUDA013	531	5	1.24	76	5	18	8	1.92	17	2.29	38	53	0.45	579	<4
LUDA014	750	3	1.26	66	4	11	11	1.75	<15	2.23	34	35	0.54	552	<4
LUDA015	345	1	12.90	34	<4	7	12	0.62	<15	0.79	16	19	0.18	291	<4
LUDA016	885	2	1.35	71	4	15	10	1.82	<15	2.31	39	32	0.55	590	<4
LUDA017	810	3	1.36	57	4	13	7	1.76	<15	2.46	34	36	0.49	532	<4
LUDA018	889	3	1.20	72	4	14	8	1.68	<15	2.23	37	38	0.42	529	<4
LUDA019	556	4	1.22	75	4	14	9	1.87	<15	2.37	38	38	0.43	575	<4
LUDA020	665	4	1.17	87	4	12	6	2.05	<15	2.27	46	40	0.46	623	<4
LUDA021	582	2	1.29	88	4	12	8	2.59	<15	2.37	42	40	0.61	943	<4
LUDA022	560	3	0.42	194	<4	4	5	1.33	<15	2.49	107	26	0.23	249	<4
LUDA023	779	2	1.00	106	4	14	12	1.88	<15	2.57	46	33	0.49	765	<4
LUDA024	639	3	1.70	89	<4	10	5	1.89	<15	2.12	46	35	0.52	604	<4
LUDA025	849	2	1.23	70	<4	11	5	1.90	<15	2.46	41	35	0.53	514	<4
LUDA026	759	2	2.75	60	4	15	8	1.88	<15	2.25	32	38	0.84	465	<4
LUDA027	750	2	2.52	71	6	20	10	2.75	<15	2.17	35	37	0.96	645	<4
LUDA028	776	2	2.16	70	7	19	10	3.09	<15	2.23	37	34	0.91	650	<4
LUDA029	772	2	2.57	87	5	17	7	2.23	<15	2.05	45	31	0.69	559	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUCH048	1.18	16	13	486	29	10	301	9	2807	76	15	60	57
LUCH049	1.03	14	13	529	24	6	229	8	2397	56	17	61	58
LUCH050	1.39	18	10	390	20	8	279	14	2360	65	20	54	52
LUCH051	1.31	18	12	441	22	7	261	11	2340	54	21	62	64
LUCH052	1.26	15	14	589	17	7	251	10	2660	56	21	74	70
LUCH053	1.26	16	16	664	26	8	350	9	3210	77	20	77	73
LUCH054	1.36	12	8	383	22	7	385	13	3032	76	15	62	61
LUCH055	1.29	12	11	382	17	11	306	22	2982	79	18	56	56
LUCH056	1.16	17	15	345	22	8	298	12	2515	64	26	69	74
LUCH057	1.39	14	15	423	23	9	324	17	3362	104	19	72	58
LUCH058	1.13	31	21	491	23	10	247	28	5468	195	28	86	93
LUCH059	1.39	16	15	330	17	8	336	13	3130	96	18	69	59
LUCH060	1.17	18	14	381	<10	7	284	18	2510	62	17	56	60
LUCH061	1.34	29	13	395	<10	7	253	20	2894	66	22	55	74
LUCH062	0.99	21	14	592	<10	6	240	20	2860	59	18	66	67
LUCH063	0.80	20	12	346	<10	6	259	11	2711	58	19	60	65
LUCH064	1.33	17	12	472	<10	6	274	13	2438	61	17	65	64
LUCH065	1.12	18	14	555	<10	6	257	16	2920	63	18	72	68
LUCH066	0.88	17	17	726	<10	7	235	15	2570	54	18	456	68
LUCH067	0.77	17	13	432	<10	5	249	9	2083	45	12	51	52
LUCH068	0.58	16	9	324	<10	4	209	6	1616	37	11	38	38
LUCH069	1.31	26	14	445	<10	6	251	22	3376	67	19	70	75
LUCH070	1.53	35	13	338	12	5	238	21	3323	64	22	66	86
LUCH071	0.50	15	10	408	<10	4	173	11	1525	34	9	35	37
LUCH072	0.62	13	10	465	<10	4	178	11	1733	37	5	42	41
LUCH073	1.44	16	17	768	<10	12	397	12	4745	140	19	63	46
LUDA001	1.33	12	8	417	<10	7	292	11	3098	59	15	66	52
LUDA002	1.03	15	11	605	<10	5	330	12	2247	48	13	55	52
LUDA003	1.47	15	12	488	<10	7	316	17	2880	61	16	77	67
LUDA004	1.47	18	12	461	<10	7	330	18	3325	70	16	76	66
LUDA005	1.62	14	9	354	<10	6	343	14	2355	46	15	65	62
LUDA006	1.54	17	7	320	<10	6	252	16	2202	41	18	65	57
LUDA007	1.55	19	9	351	<10	6	269	16	2497	45	18	65	63
LUDA008	1.77	19	9	287	<10	5	343	17	2732	46	16	65	62
LUDA009	1.36	16	7	278	<10	5	220	17	1699	28	17	64	47
LUDA010	1.55	17	4	257	<10	4	306	17	1830	27	17	57	69
LUDA011	1.61	16	10	324	<10	5	345	16	2173	40	15	61	63
LUDA012	1.62	29	3	344	<10	5	420	16	2671	47	27	67	96
LUDA013	1.96	35	4	191	<10	5	289	28	2239	48	32	58	63
LUDA014	1.53	20	6	276	<10	4	303	18	2049	39	21	125	69
LUDA015	0.31	16	4	161	15	2	166	8	554	13	28	27	19
LUDA016	1.50	14	8	298	<10	5	290	12	2285	43	15	61	59
LUDA017	1.80	16	8	279	<10	4	381	7	2253	40	17	51	64
LUDA018	1.72	22	9	281	<10	4	317	17	2150	38	20	50	63
LUDA019	1.90	33	6	406	10	5	289	26	2365	42	32	62	71
LUDA020	1.67	30	6	289	<10	5	288	21	2483	43	29	70	69
LUDA021	1.34	18	6	506	<10	6	342	15	2593	36	20	62	112
LUDA022	0.06	15	3	331	20	3	36	24	1371	18	24	72	51
LUDA023	1.23	15	9	448	<10	5	225	18	1811	34	20	68	53
LUDA024	1.65	23	3	347	<10	5	370	19	2563	39	24	55	68
LUDA025	1.33	14	5	356	<10	4	314	10	2278	40	14	57	61
LUDA026	1.35	14	9	367	<10	5	367	13	2132	40	13	54	58
LUDA027	1.54	15	11	564	<10	5	460	7	3184	70	15	77	64
LUDA028	1.70	16	11	572	<10	6	482	14	3770	78	14	78	66
LUDA029	1.60	20	7	350	<10	5	460	23	2723	55	18	62	63

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CCCR	CON1	CON2	CON3	FORM
LUDA030	38.064	115.925	06	51880				4	1	1	2			8	QTRN
LUDA031	38.038	115.985	06	51880				4	1	1	2			8	QTRN
LUDA032	38.008	115.987	06	51880				4	1	1	2			8	QTRN
LUDA033	38.087	115.975	06	51880				3	1	1	2			8	QTRN
LUDA034	38.115	115.973	06	51880				4	1	1	2			8	QTRN
LUDA035	38.100	115.949	06	51880				2	1	1	2			8	QTRN
LUDA036	38.149	115.974	06	51880				4	1	1	2			8	QTRN
LUDA037	38.141	115.953	06	51880				3	1	1	2			8	QTRN
LUDA038	38.122	115.926	06	51880				3	1	1	2			8	QTRN
LUDA039	38.142	115.907	06	51880				3	1	1	2			8	QTRN
LUDA040	38.155	115.925	06	51880				3	1	1	2			8	QTRN
LUDA041	38.190	115.913	06	51880				3	1	1	2			8	QTRN
LUDA042	38.177	115.949	06	51880				3	1	1	2			8	QTRN
LUDA043	38.170	115.988	06	51880				4	1	1	2			8	QTRN
LUDA044	38.212	115.931	06	51980				4	1	1	2			8	QTRN
LUDA045	38.223	115.964	06	51980				3	1	1	2			8	QTRN
LUDA046	38.241	115.973	06	51980				3	1	1	2			8	QTRN
LUDA047	38.231	115.916	06	51980				4	1	1	2			8	QTRN
LUDA048	38.246	115.892	06	51980				4	1	1	2			8	QTRN
LUDA049	38.174	115.893	06	51980				3	1	1	2			8	QTRN
LUDA050	38.158	115.881	06	51980				3	1	1	2			8	QTRN
LUDA051	38.137	115.868	06	51980				3	1	1	2			8	QTRN
LUDA052	38.174	115.859	06	51980				3	1	1	2			8	QTRN
LUDA053	38.196	115.889	06	51980				3	1	1	2			8	QTRN
LUDA054	38.204	115.859	06	51980				3	1	1	2			8	QTRN
LUDA055	38.229	115.868	06	51980				3	1	1	2			8	QTRN
LUDA056	38.216	115.818	06	51980				4	1	1	2			8	QTRN
LUDA057	38.241	115.784	06	51980				3	1	1	2			8	QTRN
LUDA058	38.242	115.821	06	51980				4	1	1	2			8	QTRN
LUD8001	38.024	115.526	06	51480				4	1	1	2			8	QTRN
LUD8002	38.024	115.586	06	51480				4	1	1	2			8	QTRN
LUD8003	38.002	115.588	06	51480				4	1	1	2			8	QTRN
LUD8004	38.153	115.657	01	51880				2	1	1	2			5	TRSH
LUD8005	38.155	115.653	06	51880				2	1	1	2			5	QTRN
LUD8006	38.136	115.659	07	51880				4	1	1	2			2	QTRN
LUD8007	38.115	115.646	05	51880	10.0	230.00	2.20	4	5	2	2			2	QTRN
LUD8008	38.091	115.636	06	51880				4	1	1	2			2	QTRN
LUD8009	38.055	115.567	06	51880				4	1	1	2			2	QTRN
LUD8010	38.076	115.565	06	51880				4	1	1	2			8	QTRN
LUD8011	38.151	115.612	06	51980				3	1	1	2			2	QTRN
LUD8012	38.127	115.593	05	51930	10.0	360.00	2.90	4	5	3	2			8	QTRN
LUD8013	38.157	115.576	06	51980				3	1	1	2			2	QTRN
LUD8014	38.134	115.571	06	51980				3	1	1	2			2	QTRN
LUD8015	38.100	115.573	06	51980				3	1	1	2			8	QTRN
LUD8016	38.094	115.558	01	51980				2	1	1	2			5	ORDV
LUD8017	38.098	115.533	06	51980				3	1	1	2			8	QTRN
LUD8018	38.083	115.511	06	51980				3	1	1	2			8	QTRN
LUD8019	38.051	115.547	06	51280				4	1	1	2			8	QTRN
LUD8020	38.020	115.559	06	51980				3	1	1	2			8	QTRN
LUD8021	38.039	115.600	06	51980				3	1	1	2			8	QTRN
LUD8022	38.173	115.609	06	51980				3	1	1	2			2	QTRN
LUD8023	38.230	115.674	01	52780				3	1	1	2			5	CMGR
LUD8024	38.230	115.682	06	52780				2	1	1	2		5	6	QTRN
LUD8025	38.239	115.702	06	52780				2	1	1	2			8	QTRN
LUD8026	38.234	115.729	06	52780				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEJ	MAP	L-FL	AG	AL	B
LUDA030	10		65.00	10	1	1	1	3	1	NJ1106	4.39	<2	7.33	21
LUDA031	10		45.00	10	1	1	1	3	1	NJ1106	5.55	<2	6.56	21
LUDA032	10		50.00	10	1	1	1	3	1	NJ1106	6.25	<2	5.93	19
LUDA033	10		70.00	10	1	1	1	3	1	NJ1106	4.24	<2	7.29	25
LUDA034	10		60.00	10	1	1	1	3	1	NJ1106	3.79	<2	7.10	26
LUDA035	10		70.00	10	1	1	2	3	1	NJ1106	3.69	<2	7.15	31
LUDA036	10		65.00	10	1	1	1	3	1	NJ1106	3.76	<2	7.29	23
LUDA037	10		60.00	10	1	1	1	3	1	NJ1106	3.17	<2	7.16	27
LUDA038	10		58.00	10	1	1	1	3	1	NJ1106	4.02	<2	7.06	29
LUDA039	10		70.00	10	1	1	1	3	1	NJ1106	2.68	<2	6.96	33
LUDA040	10		60.00	10	1	1	1	3	1	NJ1106	3.42	<2	7.20	28
LUDA041	10		60.00	10	1	1	1	3	1	NJ1106	4.11	<2	6.86	22
LUDA042	10		55.00	10	1	1	1	3	1	NJ1106	3.02	<2	7.06	26
LUDA043	10		60.00	10	1	1	1	3	1	NJ1106	3.03	<2	7.12	25
LUDA044	10		70.00	10	1	1	1	3	1	NJ1106	3.33	<2	7.24	35
LUDA045	10		70.00	10	1	1	1	3	1	NJ1106	3.76	<2	7.33	20
LUDA046	10		68.00	10	1	1	1	3	1	NJ1106	3.62	<2	7.13	29
LUDA047	10		68.00	10	1	1	1	3	1	NJ1106	3.39	<2	7.36	23
LUDA048	10		70.00	10	1	1	1	3	1	NJ1106	3.62	<2	7.05	23
LUDA049	10		85.00	10	1	1	1	3	1	NJ1106	3.65	<2	7.00	27
LUDA050	10		75.00	10	1	1	1	3	1	NJ1106	3.79	2	6.66	29
LUDA051	10		70.00	10	1	1	1	3	1	NJ1106	3.65	<2	6.81	17
LUDA052	10		75.00	10	1	1	1	3	1	NJ1106	3.40	<2	6.86	25
LUDA053	10		72.00	10	1	1	1	3	1	NJ1106	3.53	<2	7.02	17
LUDA054	10		66.00	10	1	1	1	3	1	NJ1106	3.53	<2	7.00	27
LUDA055	10		70.00	10	1	1	1	3	1	NJ1106	3.68	<2	6.94	29
LUDA056	10		65.00	10	1	1	1	3	1	NJ1106	4.27	<2	7.01	35
LUDA057	10		65.00	10	1	1	1	3	1	NJ1106	3.57	<2	6.46	22
LUDA058	10		50.00	10	1	1	1	3	1	NJ1106	3.43	<2	6.77	39
LUD8001	10		64.00	10	1	1	1	3	3	NJ1106	2.89	<2	6.70	34
LUD8002	10		82.00	10	1	1	1	3	3	NJ1106	3.59	<2	7.08	27
LUD8003	10		86.00	10	1	1	1	3	3	NJ1106	3.23	<2	7.07	19
LUD8004	10		18.00	02	1	1	1	2	2	NJ1106	1.11	<2	0.68	<10
LUD8005	10		22.00	10	1	1	1	2	2	NJ1106	2.24	<2	2.65	12
LUD8006	10		68.00	10	1	1	1	2	3	NJ1106	4.28	<2	7.36	28
LUD8007	5	7.9	62.00	10	5	3	1	3	3	NJ1106	3.40	<2	4.82	12
LUD8008	10		68.00	10	1	1	1	2	3	NJ1106	4.02	<2	7.32	18
LUD8009	10		66.00	10	1	1	1	3	3	NJ1106		<2	6.72	20
LUD8010	10		80.00	10	1	1	1	3	3	NJ1106		<2	7.11	20
LUD8011	10		76.00	10	1	1	1	2	3	NJ1106	4.15	<2	6.60	12
LUD8012	5	7.9	60.00	10	4	3	1	4	3	NJ1106	3.66	<2	6.02	21
LUD8013	10		90.00	10	1	1	1	4	3	NJ1106	3.02	<2	6.90	24
LUD8014	10		62.00	10	1	1	1	2	3	NJ1106	2.80	<2	6.27	20
LUD8015	10		72.00	10	1	1	1	2	2	NJ1106	3.38	<2	6.95	17
LUD8016	10		30.00	09	1	1	1	3	3	NJ1106	4.02	52	0.99	<10
LUD8017	10		32.00	10	1	1	1	3	3	NJ1106	2.71	<2	5.70	29
LUD8018	10		56.00	10	1	1	1	3	3	NJ1106	2.84	<2	6.93	22
LUD8019	10		60.00	10	1	1	1	3	3	NJ1106	3.44	<2	7.16	20
LUD8020	10		58.00	10	1	1	1	3	3	NJ1106	3.77	<2	7.32	26
LUD8021	10		60.00	10	1	1	1	3	3	NJ1106	3.37	<2	7.16	20
LUD8022	10		52.00	10	1	1	1	2	3	NJ1106	3.26	<2	6.75	11
LUD8023	10		82.00	02	1	1	1	2	2	NJ1106	2.00	3	5.65	48
LUD8024	10		78.00	10	1	1	1	2	2	NJ1106	1.89	<2	5.17	51
LUD8025	10		26.00	10	1	1	1	3	2	NJ1106	2.83	<2	6.27	50
LUD8026	10		52.00	10	1	1	1	3	3	NJ1106	3.57	<2	6.19	32

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BF	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	NN	NC
LUDA030	875	2	3.32	70	4	11	5	1.74	<15	2.23	40	33	0.56	446	<4
LUDA031	825	2	5.76	71	<4	10	5	1.48	<15	2.04	39	35	0.56	454	<4
LUDA032	766	1	9.27	86	<4	11	4	1.53	<15	1.80	47	42	0.57	482	<4
LUDA033	738	3	1.88	71	4	13	7	1.72	<15	2.34	39	34	0.64	484	<4
LUDA034	693	3	2.50	66	4	14	10	1.69	<15	2.37	35	41	0.76	563	<4
LUDA035	698	3	2.54	62	5	17	10	1.94	<15	2.30	34	42	0.89	519	<4
LUDA036	812	2	1.89	70	5	16	8	1.90	<15	2.32	39	37	0.77	467	<4
LUDA037	744	2	1.70	76	4	15	8	1.83	<15	2.35	39	34	0.70	506	<4
LUDA038	642	3	2.14	70	4	15	8	1.80	<15	2.32	36	35	0.75	481	<4
LUDA039	663	2	1.89	74	5	19	10	2.18	<15	2.09	38	35	0.93	588	<4
LUDA040	775	3	1.85	75	4	15	11	2.13	<15	2.40	41	36	0.79	578	<4
LUDA041	757	3	1.16	90	<4	12	6	1.82	<15	2.29	49	35	0.47	529	4
LUDA042	783	3	1.93	83	5	16	10	2.14	<15	2.17	47	37	0.71	535	<4
LUDA043	779	2	1.74	66	5	17	10	1.98	<15	2.30	37	38	0.81	549	<4
LUDA044	669	2	2.34	65	4	15	9	1.89	<15	2.47	37	46	0.70	453	<4
LUDA045	804	2	1.86	63	4	15	20	2.20	<15	2.07	36	32	0.76	489	<4
LUDA046	761	2	1.77	83	8	23	31	3.14	<15	2.00	44	38	1.03	636	<4
LUDA047	864	2	2.12	77	5	16	20	2.01	<15	2.07	45	31	0.65	487	<4
LUDA048	504	2	2.06	76	4	13	8	1.72	<15	2.15	43	38	0.62	418	<4
LUDA049	712	3	1.10	71	<4	10	7	1.62	<15	2.65	39	46	0.48	482	<4
LUDA050	665	3	1.14	85	5	16	10	1.96	<15	2.18	42	41	0.65	534	<4
LUDA051	727	3	1.21	84	4	13	7	1.94	<15	2.17	43	35	0.48	517	<4
LUDA052	832	2	1.66	101	5	18	11	3.19	<15	2.10	57	32	0.68	636	<4
LUDA053	783	3	1.36	76	4	13	18	1.75	<15	2.41	42	40	0.58	477	<4
LUDA054	813	2	1.59	76	5	18	12	2.11	<15	2.20	41	36	0.82	561	<4
LUDA055	798	2	1.52	73	4	15	8	1.76	<15	2.34	41	36	0.71	455	<4
LUDA056	712	2	1.98	105	7	24	25	2.50	<15	2.27	53	45	1.00	742	<4
LUDA057	617	2	3.51	53	5	21	8	2.10	<15	1.94	30	33	1.67	465	<4
LUDA058	774	2	2.93	66	5	16	10	1.72	27	2.42	35	43	0.91	636	<4
LUDB001	512	2	4.62	62	5	27	12	2.74	<15	1.76	40	38	1.38	315	<4
LUDB002	789	2	1.31	83	5	20	10	2.25	<15	2.09	45	32	0.55	517	<4
LUDB003	600	2	1.34	72	4	18	26	2.03	<15	2.17	43	33	0.57	473	<4
LUDB004	48	<1	22.43	<10	<4	5	10	0.28	<15	0.20	2	48	0.60	82	<4
LUDB005	197	1	15.11	21	<4	13	14	1.00	<15	0.67	9	18	4.89	246	<4
LUDB006	723	3	1.14	72	6	22	15	2.38	<15	2.32	41	40	0.64	637	<4
LUDB007	434	2	7.83	44	<4	13	21	1.58	<15	1.45	24	28	3.06	360	<4
LUDB008	713	2	1.87	78	6	18	11	2.67	<15	2.07	40	45	0.69	626	<4
LUDB009	769	2	1.27	92	5	22	9	2.55	<15	2.08	51	32	0.55	516	<4
LUDB010	861	2	1.56	74	5	19	9	2.39	<15	2.21	42	31	0.65	581	<4
LUDB011	615	2	3.94	143	5	14	20	2.91	<15	1.75	79	22	1.36	587	<4
LUDB012	767	2	4.65	86	<4	12	5	1.55	<15	1.92	47	26	1.54	353	<4
LUDB013	527	2	1.29	78	4	17	11	1.94	<15	2.26	41	36	0.54	598	<4
LUDB014	660	2	3.29	78	5	16	8	2.37	<15	1.93	42	34	1.55	478	<4
LUDB015	748	2	2.59	114	6	22	7	3.16	<15	2.08	60	35	0.75	524	<4
LUDB016	289	1	22.79	13	5	13	32	6.85	<15	0.18	2	20	0.74	16910	<4
LUDB017	613	2	5.16	69	6	23	11	2.03	<15	1.57	38	27	1.25	553	<4
LUDB018	750	2	1.98	94	6	25	10	2.90	<15	2.06	53	34	0.86	599	<4
LUDB019	818	2	1.35	83	5	22	9	2.54	<15	2.24	48	36	0.63	540	<4
LUDB020	764	2	1.54	84	6	21	39	2.55	<15	2.28	46	35	0.78	502	<4
LUDB021	789	2	1.37	100	5	24	22	3.33	<15	2.18	58	36	0.55	481	<4
LUDB022	656	2	3.77	159	5	13	4	3.13	<15	1.68	89	17	1.16	632	<4
LUDB023	842	2	5.32	61	14	35	57	2.86	<15	2.00	25	42	0.92	661	<4
LUDB024	652	2	9.67	48	7	29	23	2.02	<15	1.62	23	36	1.12	525	<4
LUDB025	656	2	4.65	56	6	26	22	2.13	<15	2.00	29	45	1.24	604	<4
LUDB026	593	2	5.09	62	6	25	24	2.24	<15	1.82	34	40	1.19	494	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	W	Y	ZA	ZR
LUDA030	1.74	13	4	374	<10	4	601	14	2107	41	13	47	54
LUDA031	1.54	13	4	354	<10	4	753	15	1777	35	15	40	50
LUDA032	1.42	15	4	324	<10	4	1001	18	1876	36	17	41	43
LUDA033	1.73	20	6	371	<10	4	424	19	1987	38	20	55	61
LUDA034	1.64	18	8	420	<10	4	417	20	1887	36	20	55	65
LUDA035	1.70	19	9	399	<10	5	409	18	2220	41	20	62	68
LUDA036	1.74	16	8	442	<10	4	413	15	2508	46	15	56	63
LUDA037	1.74	17	5	409	<10	4	394	19	2148	41	18	61	64
LUDA038	1.66	21	8	294	<10	4	365	15	2071	40	21	61	71
LUDA039	1.49	19	9	438	<10	5	356	17	2460	49	18	65	69
LUDA040	1.75	19	16	419	<10	5	370	11	2463	47	19	71	67
LUDA041	1.66	23	4	298	25	4	320	17	2043	42	24	56	69
LUDA042	1.58	17	8	438	24	5	384	12	2537	55	20	64	67
LUDA043	1.70	14	8	532	19	5	385	6	2378	55	14	61	64
LUDA044	1.77	15	6	494	32	5	448	12	2533	50	15	58	65
LUDA045	1.63	13	9	475	18	5	447	10	2565	53	14	65	66
LUDA046	1.39	14	13	590	23	7	367	22	3640	85	15	55	76
LUDA047	1.74	13	7	443	20	5	496	15	2486	55	14	55	59
LUDA048	1.62	14	9	410	39	4	445	14	2211	45	15	57	61
LUDA049	1.76	23	5	273	22	4	295	16	1793	35	24	57	69
LUDA050	1.38	24	10	338	24	5	271	22	2138	47	25	65	75
LUDA051	1.52	26	6	283	25	5	306	13	2252	45	26	62	73
LUDA052	1.59	24	9	317	17	6	369	11	3953	65	18	58	65
LUDA053	1.74	20	4	334	24	4	345	16	2085	43	20	58	67
LUDA054	1.57	16	8	457	22	5	369	17	2430	52	16	70	66
LUDA055	1.65	17	6	405	19	4	361	14	2115	45	17	54	65
LUDA056	1.21	16	14	579	28	7	257	14	2342	59	21	68	70
LUDA057	1.37	12	6	570	11	6	342	6	2511	60	14	57	59
LUDA058	1.53	13	7	481	23	5	351	14	1968	43	16	63	63
LUDB001	0.69	13	14	306	13	7	238	14	2548	69	19	74	70
LUDB002	1.45	16	12	299	30	5	329	15	2730	60	15	71	66
LUDB003	1.51	14	10	290	18	5	336	13	2401	50	15	68	62
LUDR004	<0.05	12	5	129	<10	1	171	6	192	8	4	57	7
LUDB005	0.42	12	8	246	<10	3	124	4	1214	32	7	45	28
LUDB006	1.49	16	13	391	24	6	273	10	2910	65	22	77	74
LUDR007	0.92	14	7	344	25	4	210	9	2067	43	14	68	48
LUDB008	1.43	14	7	435	19	7	370	13	3151	74	17	72	64
LUDB009	1.49	17	10	295	26	5	332	21	3341	78	15	76	64
LUDB010	1.44	14	7	420	20	6	366	13	3395	70	15	67	73
LUDR011	1.23	20	7	450	23	6	401	26	4813	53	16	75	63
LUDB012	1.21	14	5	375	15	4	316	20	2064	39	15	50	61
LUDR013	1.42	13	9	397	23	5	312	17	2261	49	16	67	77
LUDB014	1.25	16	9	441	17	6	263	14	3063	71	15	64	62
LUDR015	1.52	21	8	482	23	6	374	19	4454	107	16	71	64
LUDB016	0.06	17	26	2430	3860	1	380	<2	505	104	6	1965	12
LUDR017	1.04	16	13	544	30	5	304	12	2441	59	13	72	58
LUDR018	1.38	18	12	322	21	6	324	13	3810	50	15	64	66
LUDB019	1.55	16	10	327	33	6	343	13	3180	74	16	78	66
LUDB020	1.50	15	10	427	23	7	336	13	3152	71	16	77	72
LUDB021	1.64	17	9	273	27	6	372	12	5171	115	17	75	70
LUDB022	1.27	19	3	471	21	7	461	22	5535	100	15	75	58
LUDB023	0.41	10	21	635	78	7	213	8	1950	65	10	142	26
LUDB024	0.65	12	18	760	29	6	317	12	1751	65	11	50	40
LUDB025	1.18	13	14	746	25	6	324	14	2392	63	14	73	62
LUDB026	1.16	15	12	551	17	6	327	13	2528	62	15	67	57

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	COCR	CON1	CON2	CON3	FORM
LUD8027	38.207	115.720	01	52880				2	1	1	2			5	CMBR
LUD8028	38.203	115.718	05	52880	13.0	390.00	3.50	4	5	3	2			5	QTRN
LUD8029	38.240	115.644	05	52880	13.0	340.00	3.10	3	4	3	2			2	QTRN
LUD8030	38.242	115.597	06	52880				3	1	1	2			2	QTRN
LUD8031	38.227	115.590	05	52880	10.0	250.00	2.60	2	4	3	2			2	QTRN
LUD8032	38.205	115.601	06	52880				3	1	1	2			2	QTRN
LUD8033	38.121	115.691	06	52930				4	1	1	2			2	QTRN
LUD8034	38.115	115.687	01	52980				2	1	1	2			5	ORDV
LUD8035	38.126	115.536	06	52980				3	1	1	2			8	QTRN
LUD8036	38.135	115.509	06	52980				3	1	1	2			8	QTRN
LUD8037	38.154	115.513	06	52980				3	1	1	2			8	QTRN
LUD8038	38.171	115.541	06	52980				3	1	1	2			2	QTRN
LUD8039	38.189	115.539	06	52980				3	1	1	2			2	QTRN
LUD8040	38.018	115.645	06	52980				3	1	1	2			2	QTRN
LUD8041	38.032	115.624	06	52980				3	1	1	2			2	QTRN
LUD8042	38.045	115.645	06	53080				4	1	1	2			8	QTRN
LUD8043	38.031	115.685	06	53080				3	1	1	2			2	QTRN
LUD8044	38.010	115.677	06	53080				3	1	1	2			2	QTRN
LUD8045	38.021	115.706	06	53080				3	1	1	2			8	QTRN
LUD8046	38.055	115.672	06	53080				3	1	1	2			2	QTRN
LUD8047	38.038	115.740	06	53080				3	1	1	2			2	QTRN
LUD8048	38.045	115.720	06	53080				3	1	1	2			2	QTRN
LUD8049	38.052	115.698	05	53080	12.0	150.00	1.40	3	5	3	2			2	QTRN
LUD8050	38.092	115.674	06	53080				3	1	1	2			2	QTRN
LUD8051	38.081	115.693	05	53080	9.0	145.00	1.50	3	5	3	2			2	QTRN
LUD8052	38.058	115.632	06	53080				3	1	1	2			2	QTRN
LUD8053	38.092	115.708	06	60880				3	1	1	2			8	QTRN
LUD8054	38.070	115.675	06	60880				3	1	1	2			8	QTRN
LUD8055	38.024	115.728	06	60880				3	1	1	2			8	QTRN
LUD8056	38.005	115.724	06	60880				3	1	1	2			8	QTRN
LUD8057	38.186	115.748	06	60880				3	1	1	2			8	QTRN
LUD8058	38.230	115.637	06	60880				3	1	1	2			8	QTRN
LUD8059	38.213	115.639	06	60880				2	1	1	2			8	QTRN
LUD8060	38.199	115.637	06	60880				3	1	1	2			8	QTRN
LUD8061	38.196	115.658	06	60880				2	1	1	2			8	QTRN
LUD8062	38.179	115.663	06	60880				2	1	1	2			8	QTRN
LUD8063	38.176	115.737	06	60880				2	1	1	2			8	QTRN
LUD8064	38.164	115.733	06	60880				2	1	1	2			8	QTRN
LUD8065	38.190	115.640	06	60880				3	1	1	2			8	QTRN
LUD8066	38.171	115.642	06	60880				3	1	1	2			8	QTRN
LUD8067	38.163	115.639	06	60880				3	1	1	2			8	QTRN
LUDC001	38.246	115.382	06	50980				4	1	1	2			8	QTRN
LUDC002	38.231	115.397	06	50980				4	1	1	2			8	QTRN
LUDC003	38.216	115.424	06	50980				4	1	1	2			8	QTRN
LUDC004	38.238	115.446	06	50980				4	1	1	2			8	QTRN
LUDC005	38.198	115.438	06	50980				4	1	1	2			8	QTRN
LUDC006	38.203	115.465	06	50980				4	1	1	2			8	QTRN
LUDC007	38.187	115.484	06	50980				4	1	1	2			8	QTRN
LUDC008	38.175	115.455	06	50980				4	1	1	2			8	QTRN
LUDC009	38.169	115.491	06	50980				4	1	1	2			8	QTRN
LUDC010	38.153	115.472	06	50980				4	1	1	2			8	QTRN
LUDC011	38.140	115.496	06	50980				4	1	1	2			8	QTRN
LUDC012	38.127	115.460	06	50980				4	1	1	2			8	QTRN
LUDC013	38.119	115.402	06	50980				4	1	1	2			8	QTRN
LUDC014	38.146	115.403	06	50980				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUD8027	10		50.00	09	1	1	1	2	3	NJ1106	2.88	<2	3.68	19
LUD8029	5	7.8	44.00	10	4	3	1	2	3	NJ1106	2.74	<2	4.66	30
LUD8029	5	7.9	20.00	10	4	3	1	2	2	NJ1106	1.58	<2	4.14	20
LUD8030	10		22.00	10	1	1	1	2	3	NJ1106	1.83	<2	4.56	26
LUD8031	5	7.9	30.00	10	3	3	1	2	2	NJ1106	1.88	<2	3.65	12
LUD8032	10		20.00	10	1	1	1	2	3	NJ1106	1.51	<2	4.17	16
LUD8033	10		76.00	10	1	1	2	2	2	NJ1106	4.72	<2	6.98	19
LUD8034	10		22.00	09	1	1	1	2	2	NJ1106	3.39	<2	2.09	<10
LUD8035	10		44.00	10	1	1	1	3	3	NJ1106	2.77	<2	6.32	17
LUD8036	10		30.00	10	1	1	1	3	3	NJ1106	2.25	<2	4.07	<10
LUD8037	10		18.00	10	1	1	1	2	2	NJ1106	2.14	<2	3.20	11
LUD8038	10		18.00	10	1	1	1	2	2	NJ1106	2.23	<2	3.80	13
LUD8039	10		50.00	10	1	1	1	2	3	NJ1106	2.72	<2	5.73	18
LUD8040	10		82.00	10	1	1	1	3	3	NJ1106	3.77	<2	6.99	13
LUD8041	10		80.00	10	1	1	1	3	3	NJ1106	2.56	<2	7.09	14
LUD8042	10		66.00	10	1	1	1	2	2	NJ1106	3.48	<2	6.86	15
LUD8043	10		100.00	10	1	1	1	2	2	NJ1106	3.67	<2	7.15	<10
LUD8044	10		66.00	10	1	1	1	2	2	NJ1106	2.79	<2	8.17	<10
LUD8045	10		80.00	10	1	1	1	2	2	NJ1106	3.19	<2	7.53	12
LUD8046	10		82.00	10	1	1	1	2	2	NJ1106	3.38	<2	7.11	12
LUD8047	10		80.00	10	1	1	1	3	3	NJ1106	4.01	<2	7.45	<10
LUD8048	10		110.00	10	1	1	1	2	3	NJ1106	4.10	<2	7.12	14
LUD8049	5	8.5	84.00	10	3	3	1	2	3	NJ1106	5.79	<2	6.90	<10
LUD8050	10		80.00	10	1	1	2	2	3	NJ1106	4.29	<2	7.44	10
LUD8051	5	7.3	74.00	10	3	3	1	2	3	NJ1106	4.13	<2	6.98	11
LUD8052	10		60.00	10	1	1	1	3	2	NJ1106	3.09	<2	6.54	23
LUD8053	10		68.00	10	1	1	1	2	3	NJ1106	6.56	<2	7.04	12
LUD8054	10		86.00	10	1	1	1	2	3	NJ1106	4.45	<2	7.18	13
LUD8055	10		80.00	10	1	1	1	2	3	NJ1106	3.58	<2	7.67	<10
LUD8056	10		90.00	10	1	1	1	2	3	NJ1106	3.73	<2	7.20	10
LUD8057	10		30.00	10	1	1	2	3	2	NJ1106	2.09	<2	3.29	21
LUD8058	10		45.00	10	1	1	1	3	2	NJ1106	2.18	<2	5.06	<10
LUD8059	10		55.00	10	1	1	1	3	2	NJ1106	3.12	<2	6.91	13
LUD8060	10		60.00	10	1	1	1	2	2	NJ1106	2.79	<2	6.45	18
LUD8061	10		75.00	10	1	1	1	2	1	NJ1106	2.17	<2	5.71	17
LUD8062	10		85.00	10	1	1	1	2	1	NJ1106	2.41	<2	5.79	19
LUD8063	10		30.00	10	1	1	2	3	2	NJ1106	0.46	<2	5.05	15
LUD8064	10		40.00	10	1	1	2	3	3	NJ1106	2.01	<2	6.33	23
LUD8065	10		30.00	10	1	1	2	2	3	NJ1106	2.50	<2	5.46	30
LUD8066	10		80.00	10	1	1	1	3	3	NJ1106	4.39	<2	7.03	28
LUD8067	10		90.00	10	1	1	2	4	2	NJ1106	5.11	<2	7.24	27
LUDC001	10		45.00	10	1	1	1	3	3	NJ1106	2.13	<2	5.70	19
LUDC002	10		45.00	10	1	1	1	3	3	NJ1106	2.04	<2	5.35	15
LUDC003	10		40.00	10	1	1	1	3	3	NJ1106	1.76	<2	5.07	20
LUDC004	10		60.00	10	1	1	3	3	3	NJ1106	2.18	<2	4.82	16
LUDC005	10		50.00	10	1	1	1	3	3	NJ1106	1.75	<2	5.61	19
LUDC006	10		40.00	10	1	1	1	3	3	NJ1106	1.66	<2	4.46	27
LUDC007	10		35.00	10	1	1	1	3	3	NJ1106	2.67	<2	4.73	10
LUDC008	10		40.00	10	1	1	1	3	3	NJ1106	2.65	<2	4.60	<10
LUDC009	10		30.00	10	1	1	1	3	3	NJ1106	1.58	<2	3.56	<10
LUDC010	10		30.00	10	1	1	1	3	3	NJ1106	2.29	<2	3.74	<10
LUDC011	10		30.00	10	1	1	1	3	3	NJ1106	2.00	<2	4.21	<10
LUDC012	10		30.00	10	1	1	1	3	3	NJ1106	1.28	<2	6.02	13
LUDC013	10		40.00	10	1	1	1	3	3	NJ1106	1.78	<2	3.39	<10
LUDC014	10		75.00	10	1	1	1	3	3	NJ1106	2.50	<2	5.69	15

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUDR027	698	1	16.39	31	7	17	31	2.02	<15	0.95	16	27	1.77	366	<4
LUDR028	405	1	12.39	36	5	23	13	1.66	<15	1.25	20	27	1.11	347	<4
LUDR029	383	1	11.34	43	4	18	8	1.40	<15	1.12	20	24	1.60	363	<4
LUDR030	403	1	7.57	41	4	17	11	1.44	<15	1.28	20	26	2.86	393	<4
LUDR031	318	1	9.74	36	<4	14	9	1.30	<15	0.90	19	22	3.58	293	<4
LUDR032	360	1	9.80	33	<4	14	10	1.34	<15	1.09	17	24	3.97	371	<4
LUDR033	597	2	1.29	70	5	16	13	1.94	<15	2.18	26	35	0.53	629	<4
LUDR034	87	1	17.74	16	4	16	6	0.81	<15	0.25	5	26	0.32	439	4
LUDR035	617	2	4.18	64	5	23	13	2.03	<15	1.86	22	22	1.44	503	<4
LUDR036	282	1	9.92	36	<4	15	8	1.45	<15	1.05	16	23	3.88	377	<4
LUDR037	205	1	11.72	41	<4	12	9	1.21	<15	0.81	19	18	4.61	329	<4
LUDR038	232	1	10.32	40	4	15	9	1.30	<15	0.97	18	23	4.36	372	<4
LUDR039	449	2	4.69	44	4	17	11	1.63	<15	1.78	25	30	2.39	453	<4
LUDR040	868	2	2.02	114	6	19	7	3.32	<15	1.92	63	34	0.70	559	<4
LUDR041	799	2	1.22	81	4	17	10	2.22	<15	2.14	47	30	0.53	500	<4
LUDR042	712	2	2.12	76	5	18	10	2.01	15	2.04	40	33	0.54	445	<4
LUDR043	1085	2	1.03	97	5	14	8	2.44	18	2.21	52	22	0.47	486	<4
LUDR044	778	2	1.24	68	7	18	11	2.56	<15	2.12	38	50	0.67	716	<4
LUDR045	1074	2	1.04	89	5	14	9	1.93	<15	2.38	48	34	0.46	489	<4
LUDR046	770	2	2.20	73	4	18	8	2.35	<15	2.22	35	35	0.84	460	<4
LUDR047	654	3	0.93	64	<4	10	6	1.80	<15	2.16	33	62	0.73	423	<4
LUDR048	721	2	0.96	79	6	16	13	2.15	<15	2.12	40	45	0.65	659	<4
LUDR049	774	2	1.00	99	<4	10	7	2.05	<15	2.10	53	43	0.45	448	<4
LUDR050	713	3	0.99	78	7	16	11	2.11	<15	2.19	39	112	0.57	631	<4
LUDR051	750	2	1.15	85	5	18	8	2.29	<15	2.47	45	26	0.42	446	<4
LUDR052	591	2	3.83	64	8	21	8	4.31	<15	1.62	35	37	0.98	788	<4
LUDR053	665	2	0.89	84	4	15	9	2.17	<15	2.80	42	26	0.40	475	<4
LUDR054	590	2	1.88	85	4	17	8	2.29	16	1.88	46	34	0.49	426	<4
LUDR055	830	2	1.42	94	5	14	7	2.67	<15	2.05	52	26	0.69	633	<4
LUDR056	828	2	1.24	93	5	14	8	2.25	<15	2.05	50	26	0.65	632	<4
LUDR057	298	1	11.25	27	<4	13	12	1.18	<15	0.92	13	27	4.42	453	<4
LUDR058	435	2	7.37	46	4	20	11	1.66	<15	1.49	23	26	2.08	458	<4
LUDR059	852	2	1.62	79	4	16	11	1.93	<15	2.35	42	22	0.69	625	<4
LUDR060	732	2	2.72	80	4	15	11	1.92	<15	2.19	41	23	1.23	581	<4
LUDR061	545	2	4.80	75	5	16	11	2.01	<15	1.72	40	31	2.19	536	<4
LUDR062	557	2	4.70	70	5	16	11	2.03	<15	1.78	38	32	2.15	558	<4
LUDR063	455	1	9.39	37	6	24	12	1.83	<15	1.34	21	34	1.35	508	<4
LUDR064	616	2	2.68	41	6	23	11	2.26	<15	1.95	24	37	1.19	565	<4
LUDR065	496	2	5.70	53	6	31	19	1.96	<15	1.66	28	29	0.75	581	<4
LUDR066	844	2	1.57	102	5	18	14	2.49	<15	2.26	56	35	0.77	628	<4
LUDR067	629	2	1.07	73	<4	13	12	1.60	<15	2.95	26	40	0.45	581	<4
LUDC001	592	2	3.67	60	4	20	12	1.65	<15	1.74	22	28	1.31	424	<4
LUDC002	516	2	5.90	52	4	21	12	1.77	<15	1.52	26	28	2.58	559	<4
LUDC003	490	2	7.64	46	4	19	11	1.62	<15	1.46	23	26	3.08	436	<4
LUDC004	445	2	6.06	45	4	20	14	1.84	<15	1.37	24	28	2.58	445	<4
LUDC005	534	2	4.61	52	4	22	15	1.84	<15	1.65	27	20	2.21	545	<4
LUDC006	406	1	8.85	40	4	18	14	1.52	<15	1.37	20	27	2.80	428	<4
LUDC007	414	1	7.45	38	4	15	11	1.56	<15	1.48	20	27	3.17	354	<4
LUDC008	402	1	7.52	37	<4	14	9	1.42	<15	1.50	18	26	3.12	333	<4
LUDC009	324	1	10.66	37	<4	14	8	1.20	<15	1.05	19	21	4.09	303	<4
LUDC010	264	1	8.62	39	<4	16	12	1.33	<15	1.05	21	21	3.73	356	<4
LUDC011	420	1	7.67	47	4	16	12	1.40	<15	1.21	24	23	3.54	394	<4
LUDC012	635	2	4.94	65	5	27	15	1.91	<15	1.85	25	31	1.13	462	<4
LUDC013	339	1	10.97	31	<4	13	9	1.08	<15	1.02	15	20	4.12	289	<4
LUDC014	559	2	6.87	44	6	24	17	1.92	<15	2.00	21	35	1.93	813	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUD8027	0.53	15	17	428	21	4	428	6	1546	54	14	65	31
LUD8028	0.68	15	12	522	13	5	303	11	1659	46	15	70	40
LUD8029	0.60	17	7	663	<10	4	253	12	1613	34	11	46	43
LUD8030	0.79	12	7	480	<10	4	226	14	1571	34	10	51	48
LUD8031	0.53	13	9	316	<10	4	165	11	1405	31	11	41	36
LUD8032	0.70	14	9	586	<10	4	179	4	1494	33	10	55	39
LUD8033	1.48	14	8	482	10	5	289	8	2189	47	18	64	54
LUD8034	0.09	16	13	1196	<10	3	104	<2	768	22	14	51	22
LUD8035	1.13	15	13	430	<10	5	265	15	2361	49	14	70	59
LUD8036	0.68	14	7	259	<10	4	183	5	1839	39	10	45	45
LUD8037	0.54	15	6	166	<10	3	153	10	1555	31	8	45	33
LUD8038	0.58	15	7	223	<10	4	149	8	1427	32	9	42	39
LUD8039	0.95	13	9	322	<10	4	205	9	1772	37	18	61	54
LUD8040	1.29	19	7	523	13	7	294	21	4366	92	17	73	66
LUD8041	1.49	16	6	254	<10	5	318	9	2753	53	16	66	59
LUD8042	1.40	15	8	334	<10	6	306	18	2638	50	18	61	57
LUD8043	1.33	19	7	306	<10	5	272	15	3067	52	15	65	60
LUD8044	1.71	11	9	622	<10	9	339	6	2446	69	17	68	52
LUD8045	1.53	15	8	281	<10	5	295	15	2424	43	15	64	54
LUD8046	1.48	16	8	333	10	5	288	12	2860	58	14	72	55
LUD8047	1.52	20	7	350	<10	5	264	15	2263	42	21	60	68
LUD8048	1.24	13	9	449	37	6	230	15	2385	53	17	706	61
LUD8049	1.31	23	5	356	<10	5	334	20	2886	46	20	64	70
LUD8050	1.33	14	9	336	<10	6	273	13	2310	54	17	60	49
LUD8051	1.39	17	5	321	<10	6	271	12	2989	56	17	64	48
LUD8052	0.87	23	7	801	<10	11	305	11	9218	143	15	56	100
LUD8053	1.38	16	6	345	<10	5	228	16	2301	43	16	75	51
LUD8054	1.46	14	8	443	<10	6	354	14	2921	52	18	63	46
LUD8055	1.32	16	6	442	<10	6	417	18	3852	64	16	77	75
LUD8056	1.17	14	6	418	<10	6	388	19	2816	52	17	65	74
LUD8057	0.55	12	8	692	<10	3	180	7	1205	30	8	63	31
LUD8058	0.74	15	10	803	<10	5	248	11	1803	39	13	64	49
LUD8059	1.36	13	8	531	<10	5	295	14	2204	40	16	73	63
LUD8060	1.22	13	8	544	<10	5	269	19	2298	43	16	67	60
LUD8061	0.90	15	9	573	<10	5	235	17	2523	49	15	71	56
LUD8062	0.93	14	9	576	<10	5	235	15	2553	49	15	67	58
LUD8063	0.84	13	12	541	<10	5	285	12	2060	48	12	61	51
LUD8064	1.30	13	8	617	<10	6	302	8	2519	60	12	71	54
LUD8065	0.59	11	16	810	<10	5	226	15	2024	45	14	65	69
LUD8066	1.27	13	10	513	10	7	283	20	2865	54	22	88	75
LUD8067	1.70	12	8	269	<10	4	255	17	1802	33	17	62	63
LUDC001	1.13	14	10	758	<10	5	272	12	2167	42	13	64	52
LUDC002	0.95	13	11	625	<10	5	224	14	1981	42	13	55	52
LUDC003	0.96	15	11	422	<10	4	223	13	1891	39	11	50	49
LUDC004	0.78	13	10	512	<10	5	206	10	2074	46	12	64	51
LUDC005	1.02	13	11	485	<10	5	224	9	2111	45	13	61	56
LUDC006	0.75	14	9	612	<10	4	197	9	1654	37	10	53	43
LUDC007	0.88	11	9	371	15	4	243	5	1908	44	10	52	41
LUDC008	0.88	8	19	327	16	4	236	5	1694	40	10	120	40
LUDC009	0.65	13	8	219	16	3	180	4	1463	36	8	33	35
LUDC010	0.66	12	20	230	<10	4	173	2	1717	41	9	132	40
LUDC011	0.73	12	23	293	21	4	194	8	1649	42	10	127	42
LUDC012	1.09	13	14	478	18	6	302	11	2243	65	13	62	58
LUDC013	0.63	11	7	206	<10	3	182	4	1403	32	8	25	37
LUDC014	0.93	12	14	757	16	6	257	2	2202	53	14	60	66

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	ODCR	CON1	CON2	CON3	FORM
LUDC015	38.173	115.398	06	50980				4	1	1	2			8	QTRN
LUDC016	38.165	115.366	06	50980				4	1	1	2			8	QTRN
LUDC017	38.183	115.367	06	50980				4	1	1	2			8	QTRN
LUDC018	38.185	115.332	06	50980				4	1	1	2			8	QTRN
LUDC019	38.160	115.322	06	50980				4	1	1	2			8	QTRN
LUDC020	38.144	115.294	06	50980				4	1	1	2			8	QTRN
LUDC021	38.156	115.270	06	50980				4	1	1	2			8	QTRN
LUDC022	38.194	115.258	06	50980				4	1	1	2			8	QTRN
LUDC023	38.219	115.256	06	50980				4	1	1	2			8	QTRN
LUDC024	38.244	115.257	06	50980				4	1	1	2			8	QTRN
LUDC025	38.062	115.262	07	51280				4	1	1	2			8	QTRN
LUDC026	38.035	115.259	07	51280				4	1	1	2			8	QTRN
LUDC027	38.004	115.264	06	51280				4	1	1	2			8	QTRN
LUDC028	38.054	115.310	06	51280				4	1	1	2			8	QTRN
LUDC029	38.047	115.346	06	51280				4	1	1	2			8	QTRN
LUDC030	38.044	115.400	06	51280				3	1	1	2			8	QTRN
LUDC031	38.109	115.495	06	51380				3	1	1	2			8	QTRN
LUDC032	38.109	115.458	06	51380				3	1	1	2			8	QTRN
LUDC033	38.109	115.426	07	51380				3	1	1	2			8	QTRN
LUDC034	38.128	115.424	06	51380				3	1	1	2			2	QTRN
LUDC035	38.136	115.356	06	51380				3	1	1	2			2	QTRN
LUDC036	38.140	115.328	06	51380				3	1	1	2			2	QTRN
LUDC037	38.110	115.251	06	51380				3	1	1	2			2	QTRN
LUDC038	38.078	115.277	06	51380				4	1	1	2			2	QTRN
LUDC039	38.124	115.279	06	51380				4	1	1	2			2	QTRN
LUDC040	38.127	115.305	06	51380				4	1	1	2			2	QTRN
LUDC041	38.105	115.319	06	51380				4	1	1	2			2	QTRN
LUDC042	38.090	115.312	06	51380				4	1	1	2			2	QTRN
LUDC043	38.075	115.334	07	51380				4	1	1	2			8	QTRN
LUDC044	38.072	115.360	06	51380				3	1	1	2			2	QTRN
LUDC045	38.092	115.359	06	51380				4	1	1	2			2	QTRN
LUDC046	38.106	115.374	06	51380				4	1	1	2			2	QTRN
LUDC047	38.026	115.348	06	51380				4	1	1	2			2	QTRN
LUDC048	38.060	115.415	06	51380				4	1	1	2			2	QTRN
LUDC049	38.083	115.459	06	51380				4	1	1	2			2	QTRN
LUDC050	38.063	115.472	05	51480	9.0	180.00	3.40	4	5	3	2			8	QTRN
LUDC051	38.093	115.429	06	51480				4	1	1	2			2	QTRN
LUDC052	38.054	115.442	06	51480				4	1	1	2			2	QTRN
LUDC053	38.064	115.402	01	51480				3	1	1	2			2	QTRN
LUDC054	38.079	115.409	06	51480				4	1	1	2			2	QTRN
LUDC055	38.030	115.377	06	51480				4	1	1	2			8	QTRN
LUDC056	38.011	115.391	06	51480				4	1	1	2			2	QTRN
LUDC057	38.003	115.426	06	51480				4	1	1	2			2	QTRN
LUDC058	38.005	115.465	06	51480				4	1	1	2			2	QTRN
LUDC059	38.208	115.384	06	60780				4	1	1	2			8	QTRN
LUDC060	38.233	115.352	06	60780				4	1	1	2			8	QTRN
LUDC061	38.207	115.344	06	60780				4	1	1	2			8	QTRN
LUDC062	38.170	115.285	06	60780				4	1	1	2			8	QTRN
LUDC063	38.193	115.284	06	60780				4	1	1	2			8	QTRN
LUDC064	38.238	115.322	06	60780				4	1	1	2			8	QTRN
LUD0001	38.225	115.007	06	43080				4	1	1	2			8	QTRN
LUD0002	38.246	115.015	06	43080				4	1	1	2			8	QTRN
LUD0003	38.246	115.033	06	43080				4	1	1	2			8	QTRN
LUD0004	38.220	115.041	06	43080				4	1	1	2			8	QTRN
LUD0005	38.204	115.035	06	43080				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	OVEG	MAP	U-FL	AG	AL	B
LUDC015	10		65.00	10	1	1	1	3	3	NJ1106	1.56	<2	5.75	11
LUDC016	10		70.00	10	1	1	1	3	3	NJ1106	1.78	<2	6.63	21
LUDC017	10		65.00	10	1	1	1	3	3	NJ1106	1.51	<2	6.29	18
LUDC018	10		105.00	10	1	1	1	3	3	NJ1106	1.69	<2	6.55	13
LUDC019	10		45.00	10	1	1	1	3	3	NJ1106	1.71	<2	5.62	17
LUDC020	10		45.00	10	1	1	1	3	3	NJ1106	2.02	<2	6.51	24
LUDC021	10		60.00	10	1	1	1	3	3	NJ1106	2.19	<2	5.69	16
LUDC022	10		90.00	10	1	1	1	3	3	NJ1106	2.72	<2	6.66	24
LUDC023	10		75.00	10	1	1	1	3	3	NJ1106	2.50	<2	6.39	32
LUDC024	10		50.00	10	1	1	1	3	3	NJ1106	2.32	<2	6.74	17
LUDC025	10		50.00	10	1	1	1	3	3	NJ1106	2.51	<2	5.92	17
LUDC026	10		45.00	10	1	1	1	3	3	NJ1106	2.45	<2	5.66	11
LUDC027	10		52.00	10	1	1	1	3	3	NJ1106	2.47	<2	5.60	10
LUDC028	10		60.00	10	1	1	1	3	3	NJ1106	2.65	<2	6.01	23
LUDC029	10		60.00	10	1	1	1	3	3	NJ1106	1.26	<2	5.98	13
LUDC030	10		82.00	10	1	1	1	3	3	NJ1106	2.68	<2	6.34	<10
LUDC031	10		80.00	10	1	1	1	3	3	NJ1106	2.51	<2	6.75	<10
LUDC032	10		68.00	10	1	1	1	3	3	NJ1106	2.35	<2	6.05	17
LUDC033	10		60.00	10	1	1	1	3	3	NJ1106	2.47	<2	6.07	11
LUDC034	10		38.00	10	1	1	1	3	3	NJ1106	2.49	<2	6.23	16
LUDC035	10		36.00	10	1	1	1	3	3	NJ1106	2.62	<2	5.80	10
LUDC036	10		30.00	10	1	1	1	3	3	NJ1106	2.47	<2	4.06	<10
LUDC037	10		76.00	10	1	1	1	3	3	NJ1106	3.04	<2	6.50	13
LUDC038	10		50.00	10	1	1	1	3	3	NJ1106	2.31	<2	6.16	16
LUDC039	10		60.00	10	1	1	1	3	3	NJ1106	2.56	<2	6.06	33
LUDC040	10		38.00	10	1	1	1	3	3	NJ1106	2.29	<2	5.08	<10
LUDC041	10		28.00	10	1	1	1	3	3	NJ1106	3.25	<2	4.63	16
LUDC042	10		58.00	10	1	1	1	3	3	NJ1106	3.00	<2	6.37	34
LUDC043	10		52.00	10	1	1	1	3	3	NJ1106	2.67	<2	4.61	<10
LUDC044	10		50.00	10	1	1	1	3	3	NJ1106	2.88	<2	3.63	11
LUDC045	10		48.00	10	1	1	1	3	3	NJ1106	3.07	<2	3.12	10
LUDC046	10		48.00	10	1	1	1	3	3	NJ1106	2.17	<2	6.37	22
LUDC047	10		28.00	10	1	1	1	3	3	NJ1106	2.12	<2	5.21	<10
LUDC048	10		56.00	10	1	1	1	3	3	NJ1106	2.67	<2	5.56	16
LUDC049	10		56.00	10	1	1	1	3	3	NJ1106	2.58	<2	6.92	12
LUDC050	5	7.9	56.00	10	4	4	1	2	3	NJ1106	3.53	<2	5.41	<10
LUDC051	10		64.00	10	1	1	1	3	3	NJ1106	3.66	<2	7.06	19
LUDC052	10		62.00	10	1	1	1	3	3	NJ1106	3.14	<2	5.48	11
LUDC053	10		73.00	02	1	1	1	3	3	NJ1106	4.54	<2	6.93	25
LUDC054	10		72.00	10	1	1	1	3	3	NJ1106	2.68	<2	6.67	24
LUDC055	10		32.00	10	1	1	1	3	3	NJ1106	2.74	<2	5.31	16
LUDC056	10		32.00	10	1	1	1	3	3	NJ1106	2.35	<2	3.92	13
LUDC057	10		58.00	10	1	1	1	3	3	NJ1106	3.14	<2	6.93	14
LUDC058	10		68.00	10	1	1	1	3	3	NJ1106	2.51	<2	7.32	19
LUDC059	10		60.00	10	1	1	1	3	3	NJ1106	5.26	<2	5.20	20
LUDC060	10		55.00	10	1	1	1	3	3	NJ1106	2.50	<2	6.71	18
LUDC061	10		60.00	10	1	1	1	3	3	NJ1106	2.46	<2	6.63	16
LUDC062	10		50.00	10	1	1	1	3	3	NJ1106	2.23	<2	6.04	10
LUDC063	10		50.00	10	1	1	1	3	3	NJ1106	2.64	<2	6.13	23
LUDC064	10		60.00	10	1	1	1	3	3	NJ1106	1.47	<2	3.73	<10
LUD0001	10		60.00	10	1	1	1	2	2	NJ1106	2.38	<2	5.64	11
LUD0002	10		75.00	10	1	1	1	3	2	NJ1106	3.11	<2	5.38	24
LUD0003	10		70.00	10	1	1	1	3	2	NJ1106	2.78	<2	6.85	24
LUD0004	10		70.00	10	1	1	1	3	2	NJ1106	2.52	<2	6.47	25
LUD0005	10		65.00	10	1	1	1	3	3	NJ1106	2.34	<2	5.36	10

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUDC015	477	2	7.14	47	6	29	21	2.14	<15	1.98	25	42	1.77	587	<4
LUDC016	679	2	2.45	62	7	23	15	2.54	<15	1.92	33	32	1.18	491	<4
LUDC017	729	2	3.36	61	7	21	13	2.34	<15	1.86	35	25	1.02	502	<4
LUDC018	687	2	2.34	77	5	25	13	2.19	<15	2.06	44	31	0.98	475	<4
LUDC019	554	2	5.43	51	4	22	17	1.88	<15	1.81	27	31	2.18	490	<4
LUDC020	652	2	3.48	59	5	21	14	1.99	<15	2.14	32	32	1.25	508	<4
LUDC021	588	2	5.74	51	4	20	12	1.74	<15	1.76	27	25	1.74	419	<4
LUDC022	648	3	2.86	65	6	19	18	2.49	<15	2.03	34	32	1.12	524	<4
LUDC023	647	2	1.74	76	5	24	14	2.21	<15	2.13	42	32	0.93	525	<4
LUDC024	660	2	1.86	77	7	22	16	2.81	<15	1.82	42	25	0.78	517	<4
LUDC025	571	2	5.93	57	6	25	17	1.97	<15	2.30	28	42	1.57	592	<4
LUDC026	425	2	7.34	50	5	30	20	2.13	<15	1.80	25	44	1.77	443	<4
LUDC027	516	2	6.92	72	5	24	11	1.84	<15	1.75	39	25	1.83	353	<4
LUDC028	632	2	4.05	70	5	22	11	1.92	<15	2.07	38	32	1.41	486	<4
LUDC029	590	2	5.12	62	5	22	12	1.82	<15	1.78	34	37	1.64	359	<4
LUDC030	626	2	1.92	126	5	20	10	2.36	<15	2.03	70	31	0.83	521	<4
LUDC031	723	2	1.44	102	5	25	12	2.72	<15	2.12	66	32	0.71	538	<4
LUDC032	679	2	3.24	121	5	24	11	2.98	<15	2.01	70	32	1.15	558	<4
LUDC033	676	2	5.26	71	4	17	10	1.79	<15	2.05	39	32	1.30	347	<4
LUDC034	652	2	4.24	62	6	25	14	2.01	<15	1.96	34	32	1.30	476	<4
LUDC035	591	2	5.37	60	6	29	14	1.94	<15	1.63	31	26	0.99	364	<4
LUDC036	500	1	11.77	46	4	21	10	1.36	<15	1.21	23	22	2.18	306	<4
LUDC037	698	2	3.78	103	6	19	9	2.44	<15	1.90	55	33	0.88	425	<4
LUDC038	485	2	6.42	68	6	30	19	2.19	<15	2.04	33	44	1.71	489	<4
LUDC039	577	2	5.51	51	4	22	15	2.05	<15	2.05	29	37	1.64	580	<4
LUDC040	605	1	7.78	48	4	20	10	1.50	<15	1.57	27	24	1.58	375	<4
LUDC041	479	1	9.61	49	4	21	12	1.54	<15	1.46	24	26	2.04	364	<4
LUDC042	514	2	4.16	65	6	31	81	2.43	<15	2.13	22	46	1.40	603	<4
LUDC043	508	1	6.20	39	4	33	13	1.38	<15	1.67	21	28	1.19	374	<4
LUDC044	417	1	7.33	42	<4	31	9	1.17	<15	1.43	22	22	1.09	261	<4
LUDC045	283	1	8.67	49	<4	36	11	0.95	<15	1.48	25	23	1.03	227	<4
LUDC046	707	2	3.58	92	5	22	12	2.27	<15	2.09	52	30	0.82	449	<4
LUDC047	529	2	7.11	57	5	23	15	1.74	<15	1.62	30	26	1.07	453	<4
LUDC048	543	2	5.48	65	6	24	16	1.93	<15	1.70	33	32	1.58	627	<4
LUDC049	766	2	1.59	90	5	23	13	2.31	<15	2.26	52	34	0.87	508	<4
LUDC050	612	2	5.91	72	4	15	8	1.65	<15	1.67	39	27	1.52	334	<4
LUDC051	719	2	2.36	71	6	23	15	2.21	<15	2.48	39	38	1.23	572	<4
LUDC052	639	2	5.41	88	<4	16	10	2.00	<15	1.38	48	30	1.91	454	<4
LUDC053	644	2	1.80	86	<4	7	8	1.69	<15	2.84	48	26	0.54	452	<4
LUDC054	723	2	2.67	94	4	19	13	2.05	<15	2.32	52	32	0.86	447	<4
LUDC055	614	2	6.71	66	5	23	14	1.77	<15	1.46	37	26	1.08	479	<4
LUDC056	468	1	15.94	42	5	23	14	1.33	<15	1.08	23	21	0.93	356	<4
LUDC057	566	2	2.73	77	10	50	18	3.47	<15	1.49	44	48	1.04	569	<4
LUDC058	745	2	2.20	69	6	21	10	2.83	<15	2.07	39	34	0.96	592	<4
LUDC059	461	2	8.56	41	4	28	20	1.89	<15	2.30	23	42	1.77	608	<4
LUDC060	737	2	1.56	71	6	23	14	2.11	<15	2.01	42	31	0.85	505	<4
LUDC061	761	2	3.06	65	6	26	14	2.03	17	1.88	27	31	1.09	531	<4
LUDC062	654	2	4.59	57	6	24	14	1.97	<15	1.71	22	31	1.60	573	<4
LUDC063	661	2	4.67	65	6	25	15	2.02	<15	1.75	32	31	1.65	574	<4
LUDC064	407	2	11.94	45	4	16	11	1.23	<15	1.00	24	28	1.88	474	<4
LUD0001	511	1	6.88	51	8	33	22	2.42	<15	1.35	26	32	2.07	578	<4
LUD0002	557	1	5.81	62	8	28	17	2.20	<15	1.46	32	26	1.23	527	<4
LUD0003	686	2	4.13	64	6	32	20	2.55	<15	1.85	31	36	1.43	557	<4
LUD0004	665	2	4.15	68	8	37	20	2.40	<15	1.67	30	40	1.31	525	<4
LUD0005	552	1	6.82	68	6	26	21	2.36	<15	1.41	21	28	2.07	466	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUDC015	0.78	14	14	912	16	6	246	4	2375	59	14	65	68
LUDC016	1.31	13	24	585	23	7	335	5	3473	85	15	150	102
LUDC017	1.33	13	18	395	20	6	364	13	3566	87	14	131	101
LUDC018	1.32	14	25	360	18	6	312	12	2924	66	14	175	69
LUDC019	1.07	12	13	440	19	5	252	8	2449	56	12	56	61
LUDC020	1.30	13	13	481	20	6	300	13	2483	57	15	65	76
LUDC021	1.08	11	13	416	13	5	290	7	2181	50	11	52	57
LUDC022	1.22	14	11	551	22	7	331	7	2909	71	15	70	56
LUDC023	1.28	14	13	403	16	6	276	9	2880	67	15	71	71
LUDC024	1.24	14	23	499	21	6	341	9	3276	91	14	155	57
LUDC025	0.94	11	14	728	19	6	279	13	2224	54	15	65	66
LUDC026	0.55	13	30	821	17	6	247	7	2061	58	15	172	67
LUDC027	0.75	13	11	437	19	6	284	11	2099	53	14	57	57
LUDC028	1.18	13	13	541	11	5	290	13	2479	59	15	62	59
LUDC029	0.86	14	11	439	20	6	242	13	2035	51	16	75	63
LUDC030	1.29	16	9	265	24	6	287	18	2809	66	15	70	63
LUDC031	1.34	18	14	293	24	6	313	19	3818	91	15	75	68
LUDC032	1.16	18	10	287	13	6	296	13	4619	104	15	90	66
LUDC033	1.08	14	10	293	18	5	327	10	2107	47	14	56	63
LUDC034	1.19	13	14	466	19	6	298	13	2524	63	13	61	62
LUDC035	0.95	13	27	345	19	6	285	15	2369	69	13	144	62
LUDC036	0.70	14	14	273	<10	4	271	10	1627	55	11	45	42
LUDC037	1.41	17	10	414	19	5	389	13	3218	82	17	62	53
LUDC038	0.71	15	16	766	16	7	263	17	2189	59	17	75	69
LUDC039	1.02	13	13	681	<10	6	279	5	2366	55	15	66	63
LUDC040	0.97	13	11	358	16	4	294	6	1833	54	12	50	48
LUDC041	0.81	15	12	402	16	4	275	12	1915	66	11	75	52
LUDC042	0.70	15	18	687	24	7	200	11	2550	64	17	113	76
LUDC043	0.75	9	29	622	16	4	261	7	1589	43	12	154	54
LUDC044	0.58	11	14	405	13	3	250	7	1517	41	12	51	59
LUDC045	0.44	11	17	446	14	3	223	7	1285	34	13	65	56
LUDC046	1.36	17	11	295	23	5	335	11	3097	74	14	71	61
LUDC047	0.95	15	24	413	26	5	283	15	2166	56	13	146	57
LUDC048	0.80	14	27	569	24	6	243	12	2205	54	15	153	67
LUDC049	1.33	15	25	247	21	6	314	16	3051	69	15	162	68
LUDC050	0.93	15	9	361	18	5	273	13	2196	46	15	50	64
LUDC051	1.35	15	14	564	19	6	301	10	2687	61	16	66	72
LUDC052	1.06	17	21	273	19	5	280	14	2961	61	15	144	63
LUDC053	1.46	15	5	337	23	4	281	19	1712	33	16	57	65
LUDC054	1.49	15	9	251	19	5	321	16	2748	60	14	58	67
LUDC055	1.08	14	27	391	23	5	311	7	2397	47	14	165	56
LUDC056	0.80	16	14	305	<10	4	414	10	1654	41	12	64	37
LUDC057	1.11	13	39	576	22	8	296	12	4270	132	16	151	66
LUDC058	1.75	13	9	482	15	7	376	9	3520	89	15	75	59
LUDC059	1.57	12	17	1461	13	6	249	3	2233	47	14	74	56
LUDC060	1.53	14	11	286	19	6	320	8	2857	55	14	68	65
LUDC061	1.43	14	12	389	23	6	336	7	2747	54	14	55	68
LUDC062	1.22	13	14	640	14	6	297	11	2587	51	14	62	72
LUDC063	1.24	14	13	653	18	6	302	21	2707	52	15	74	75
LUDC064	0.59	12	24	543	14	4	348	9	1422	30	11	136	31
LUD0001	1.01	12	15	687	26	8	313	13	2917	70	14	54	69
LUD0002	1.11	13	26	554	21	7	331	9	2885	73	15	153	59
LUD0003	1.27	12	15	805	27	6	304	9	2815	61	13	75	57
LUD0004	1.05	11	18	703	21	6	285	6	2451	61	13	66	53
LUD0005	1.15	14	10	442	19	6	307	11	2883	65	12	56	41

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	COCR	CCN1	CON2	CON3	FORM
LUD0006	38.205	115.013	06	43080				4	1	1	2			8	QTRN
LUD0007	38.174	115.030	06	43080				4	1	1	2			8	QTRN
LUD0008	38.157	115.027	06	43080				4	1	1	2			8	QTRN
LUD0009	38.152	115.005	06	43080				4	1	1	2			8	QTRN
LUD0010	38.133	115.046	06	43080				4	1	1	2			8	QTRN
LUD0011	38.147	115.068	06	43080				4	1	1	2			8	QTRN
LUD0012	38.162	115.089	06	43080				4	1	1	2			8	QTRN
LUD0013	38.178	115.107	06	43080				4	1	1	2			8	QTRN
LUD0014	38.199	115.115	06	43080				4	1	1	2			8	QTRN
LUD0015	38.225	115.107	06	43080				4	1	1	2			8	QTRN
LUD0016	38.241	115.112	06	43080				4	1	1	2			8	QTRN
LUD0017	38.226	115.087	06	43080				4	1	1	2			8	QTRN
LUD0018	38.216	115.069	06	43080				4	1	1	2			8	QTRN
LUD0019	38.201	115.130	06	50180				4	1	1	2			8	QTRN
LUD0020	38.217	115.149	06	50180				4	1	1	2			8	QTRN
LUD0021	38.205	115.175	06	50180				4	1	1	2			8	QTRN
LUD0022	38.187	115.172	06	50180				4	1	1	2			8	QTRN
LUD0023	38.169	115.165	06	50180				4	1	1	2			8	QTRN
LUD0024	38.155	115.145	06	50180				4	1	1	2			8	QTRN
LUD0025	38.137	115.132	06	50180				4	1	1	2			8	QTRN
LUD0026	38.143	115.160	07	50180				4	1	1	2		5	8	UNKN
LUD0027	38.147	115.167	06	50180				4	1	1	2			8	QTRN
LUD0028	38.149	115.186	06	50180				4	1	1	2			8	QTRN
LUD0029	38.134	115.204	06	50180				4	1	1	2			8	QTRN
LUD0030	38.130	115.230	06	50180				4	1	1	2			8	QTRN
LUD0031	38.135	115.236	06	50180				4	1	1	2			8	QTRN
LUD0032	38.167	115.248	06	50180				4	1	1	2			8	QTRN
LUD0033	38.179	115.195	06	50180				4	1	1	2			8	QTRN
LUD0034	38.182	115.217	06	50180				4	1	1	2			8	QTRN
LUD0035	38.190	115.249	06	50180				4	1	1	2			8	QTRN
LUD0036	38.204	115.206	06	50180				4	1	1	2			8	QTRN
LUD0037	38.225	115.186	06	50180				4	1	1	2			8	QTRN
LUD0038	38.235	115.142	06	50180				4	1	1	2			8	QTRN
LUD0039	38.118	115.045	06	50180				3	1	1	2			8	QTRN
LUD0040	38.119	115.018	06	50180				4	1	1	2			8	QTRN
LUD0041	38.100	115.013	06	50180				3	1	1	2			8	QTRN
LUD0042	38.084	115.038	06	50180				3	1	1	2			8	QTRN
LUD0043	38.061	115.058	01	50180				3	1	1	2		8	5	QTRN
LUD0044	38.060	115.055	06	50180				3	1	1	2		8	5	QTRN
LUD0045	38.104	115.066	06	50180				3	1	1	2			8	QTRN
LUD0046	38.097	115.089	06	50180				3	1	1	2			8	QTRN
LUD0047	38.085	115.074	06	50180				3	1	1	2			8	QTRN
LUD0048	38.113	115.092	06	50180				3	1	1	2			8	QTRN
LUD0049	38.115	115.121	06	50180				3	1	1	2			8	QTRN
LUD0050	38.091	115.107	06	50180				3	1	1	2			8	QTRN
LUD0051	38.082	115.119	06	50180				3	1	1	2			8	QTRN
LUD0052	38.106	115.153	06	50380				3	1	1	2			8	QTRN
LUD0053	38.084	115.151	06	50380				3	1	1	2			8	QTRN
LUD0054	38.074	115.133	01	50380				2	1	1	2		8	5	QTRN
LUD0055	38.055	115.150	06	50380				3	1	1	2			8	QTRN
LUD0056	38.025	115.145	06	50380				3	1	1	2			8	QTRN
LUD0057	38.006	115.121	06	50380				3	1	1	2			8	QTRN
LUD0058	38.007	115.121	01	50380				3	1	1	2		8	5	QTRN
LUD0059	38.029	115.176	06	50380				3	1	1	2			8	QTRN
LUD0060	38.030	115.214	06	50380				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUDD006	10		60.00	10	1	1	1	3	3	NJ1106	2.34	<2	5.70	24
LUDD007	10		65.00	10	1	1	1	3	2	NJ1106	2.55	<2	5.95	23
LUDD008	10		60.00	10	1	1	1	3	2	NJ1106	2.31	<2	5.87	20
LUDD009	10		46.00	10	1	1	2	3	2	NJ1106	2.85	<2	4.48	16
LUDD010	10		75.00	10	1	1	2	3	2	NJ1106	2.78	<2	5.61	18
LUDD011	10		70.00	10	1	1	2	3	2	NJ1106	2.38	<2	5.47	25
LUDD012	10		70.00	10	1	1	2	3	2	NJ1106	2.54	<2	4.79	30
LUDD013	10		28.00	10	1	1	2	3	2	NJ1106	2.23	<2	4.01	28
LUDD014	10		35.00	10	1	1	2	3	2	NJ1106	1.59	<2	4.42	22
LUDD015	10		55.00	10	1	1	2	3	2	NJ1106	2.35	<2	6.48	22
LUDD016	10		56.00	10	1	1	1	3	2	NJ1106	2.40	<2	6.58	22
LUDD017	10		40.00	10	1	1	2	3	2	NJ1106	2.43	<2	6.65	32
LUDD018	10		48.00	10	1	1	1	3	2	NJ1106	4.22	<2	6.61	26
LUDD019	10		40.00	10	1	1	1	3	2	NJ1106	2.32	<2	5.55	21
LUDD020	10		45.00	10	1	1	1	3	2	NJ1106	2.65	<2	6.06	19
LUDD021	10		45.00	10	1	1	1	3	3	NJ1106	2.30	<2	5.76	26
LUDD022	10		55.00	10	1	1	1	3	3	NJ1106	2.37	<2	6.08	22
LUDD023	10		75.00	10	1	1	2	3	3	NJ1106	2.34	<2	5.30	22
LUDD024	10		35.00	10	1	1	1	3	2	NJ1106	2.33	<2	4.46	14
LUDD025	10		60.00	10	1	1	1	3	2	NJ1106	2.19	<2	5.35	17
LUDD026	10		50.00	10	1	1	2	3	2	NJ1106	1.74	<2	3.53	17
LUDD027	10		60.00	10	1	1	1	2	2	NJ1106	2.09	<2	5.08	10
LUDD028	10		50.00	10	1	1	3	2	2	NJ1106	2.43	<2	5.23	20
LUDD029	10		50.00	10	1	1	2	2	2	NJ1106	2.44	<2	5.66	21
LUDD030	10		160.00	10	1	1	1	2	2	NJ1106	3.61	<2	6.74	21
LUDD031	10		105.00	10	1	1	1	2	2	NJ1106	3.05	<2	6.76	21
LUDD032	10		45.00	10	1	1	1	3	2	NJ1106	1.55	<2	5.15	22
LUDD033	10		50.00	10	1	1	1	3	2	NJ1106	2.24	<2	6.06	26
LUDD034	10		40.00	10	1	1	1	3	2	NJ1106	2.30	<2	5.95	24
LUDD035	10		75.00	10	1	1	1	3	2	NJ1106	2.52	<2	6.23	15
LUDD036	10		50.00	10	1	1	1	3	2	NJ1106	3.34	<2	5.31	25
LUDD037	10		45.00	10	1	1	1	3	3	NJ1106	2.58	<2	5.58	20
LUDD038	10		50.00	10	1	1	1	3	3	NJ1106	2.82	<2	6.39	25
LUDD039	10		70.00	10	1	1	1	3	3	NJ1106	2.34	<2	4.67	19
LUDD040	10		40.00	10	1	1	1	3	3	NJ1106	2.39	<2	5.58	21
LUDD041	10		20.00	10	1	1	1	3	2	NJ1106	2.00	<2	3.95	18
LUDD042	10		20.00	10	1	1	1	3	3	NJ1106	2.07	<2	4.23	20
LUDD043	10		18.00	10	1	1	1	3	3	NJ1106	1.55	9	0.74	<10
LUDD044	10		22.00	10	1	1	1	3	3	NJ1106	2.18	<2	4.58	17
LUDD045	10		22.00	10	1	1	1	3	3	NJ1106	2.03	<2	4.51	<10
LUDD046	10		50.00	10	1	1	1	3	3	NJ1106	1.77	<2	4.46	21
LUDD047	10		20.00	10	1	1	1	3	3	NJ1106	1.89	<2	4.77	15
LUDD048	10		69.00	10	1	1	1	3	3	NJ1106	2.13	<2	7.03	29
LUDD049	10		82.00	10	1	1	1	3	3	NJ1106	2.65	<2	7.60	23
LUDD050	10		70.00	10	1	1	1	3	3	NJ1106	2.13	<2	4.05	27
LUDD051	10		28.00	10	1	1	1	3	3	NJ1106	1.60	<2	5.10	21
LUDD052	10		80.00	10	1	1	1	3	3	NJ1106	2.26	<2	8.18	24
LUDD053	10		82.00	10	1	1	1	3	3	NJ1106	2.13	<2	6.40	21
LUDD054	10		38.00	10	1	1	1	3	3	NJ1106	2.84	<2	5.42	36
LUDD055	10		52.00	10	1	1	1	3	3	NJ1106	3.72	<2	5.26	43
LUDD056	10		16.00	10	1	1	1	3	3	NJ1106	1.90	<2	2.59	13
LUDD057	10		45.00	10	1	1	1	3	3	NJ1106	1.77	<2	7.06	20
LUDD058	10		52.00	10	1	1	1	3	2	NJ1106	8.22	<2	6.31	129
LUDD059	10		26.00	10	1	1	1	3	3	NJ1106	0.66	<2	5.38	14
LUDD060	10		20.00	10	1	1	1	3	3	NJ1106	2.32	<2	3.77	18

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUD0006	572	1	6.24	62	6	27	17	2.38	<15	1.60	28	30	1.62	490	<4
LUD0007	622	1	6.07	73	7	30	14	2.45	<15	1.45	38	28	2.02	480	<4
LUD0008	588	1	6.95	79	8	32	13	2.66	<15	1.45	35	26	2.31	523	<4
LUD0009	452	1	8.31	49	5	24	14	1.78	<15	1.36	22	26	2.03	389	<4
LUD0010	596	1	7.16	71	5	29	13	2.50	<15	1.43	25	25	2.16	470	<4
LUD0011	581	1	5.70	57	4	24	22	1.87	<15	1.60	28	25	1.50	455	<4
LUD0012	579	1	11.41	55	5	30	19	1.99	<15	1.15	27	34	2.30	453	<4
LUD0013	472	1	10.67	43	4	19	14	1.55	<15	1.05	20	16	2.94	358	<4
LUD0014	457	1	8.52	32	<4	20	15	1.61	<15	1.24	21	26	2.18	403	<4
LUD0015	680	2	3.37	70	6	25	15	2.44	<15	1.92	34	32	1.45	548	<4
LUD0016	717	2	3.97	87	6	25	15	2.79	<15	1.92	39	34	1.34	559	<4
LUD0017	639	2	1.89	80	5	21	21	2.12	<15	2.16	34	37	1.15	602	<4
LUD0018	640	2	4.53	86	7	89	21	2.51	<15	1.68	42	40	1.89	554	<4
LUD0019	655	2	4.95	66	4	19	22	1.68	<15	1.60	33	25	1.68	463	<4
LUD0020	740	2	4.64	71	4	18	11	1.72	<15	1.74	34	36	1.42	456	<4
LUD0021	613	1	5.12	54	4	21	15	1.89	<15	1.82	27	30	1.57	424	<4
LUD0022	717	2	4.42	77	4	22	11	2.00	17	1.62	40	27	1.40	458	<4
LUD0023	566	1	6.41	60	4	22	17	1.80	<15	1.45	30	27	2.34	434	<4
LUD0024	479	1	8.21	46	5	17	14	1.51	<15	1.27	20	24	3.84	432	<4
LUD0025	599	1	6.13	71	6	23	33	2.01	<15	1.44	35	27	2.22	457	<4
LUD0026	380	1	11.27	37	<4	16	11	1.40	<15	0.87	18	15	3.67	303	<4
LUD0027	585	1	7.71	53	4	20	12	1.69	<15	1.33	26	23	2.98	421	<4
LUD0028	560	1	6.32	52	5	23	13	1.78	<15	1.39	26	26	2.57	442	<4
LUD0029	634	1	5.77	74	5	24	12	2.37	<15	1.41	40	30	1.30	472	<4
LUD0030	689	4	1.99	110	<4	17	13	2.06	<15	1.94	52	35	0.94	511	<4
LUD0031	657	2	3.39	142	5	18	11	2.84	<15	1.81	71	36	1.56	576	<4
LUD0032	611	1	6.73	64	4	19	10	1.71	<15	1.39	34	24	2.35	395	<4
LUD0033	652	2	5.04	63	5	26	14	2.17	<15	1.68	31	31	1.49	472	<4
LUD0034	659	2	4.49	58	5	24	20	2.07	<15	1.62	30	25	1.65	525	<4
LUD0035	677	2	4.24	89	6	25	19	2.68	<15	1.56	44	26	1.15	457	<4
LUD0036	598	2	7.59	65	6	26	96	1.95	<15	1.37	31	27	1.78	383	<4
LUD0037	642	2	5.92	53	5	24	16	1.96	<15	1.63	26	40	2.03	607	<4
LUD0038	732	2	2.94	78	5	22	16	2.02	<15	1.79	39	34	1.27	466	<4
LUD0039	506	1	9.01	54	5	22	13	1.81	<15	1.23	28	23	2.97	433	<4
LUD0040	586	1	6.29	60	6	29	11	2.09	<15	1.45	27	25	1.82	433	<4
LUD0041	439	1	10.37	48	4	20	12	1.56	<15	1.00	23	21	3.35	411	<4
LUD0042	434	1	9.30	47	5	22	15	1.78	<15	1.08	23	22	3.30	488	<4
LUD0043	98	<1	17.25	<10	<4	5	581	1.25	18	0.18	<2	6	6.89	1920	<4
LUD0044	467	1	7.38	43	4	21	14	1.83	<15	1.18	19	24	3.86	581	<4
LUD0045	479	1	9.86	49	4	21	15	1.80	<15	1.17	24	23	3.08	427	<4
LUD0046	474	1	8.65	59	5	18	19	1.82	<15	1.20	27	24	3.33	443	<4
LUD0047	493	1	7.48	52	5	22	20	1.82	<15	1.22	26	25	3.40	472	<4
LUD0048	752	2	2.32	107	7	24	14	2.86	<15	1.93	51	36	1.01	626	<4
LUD0049	817	2	1.44	89	5	19	14	2.37	<15	2.19	44	41	0.70	639	<4
LUD0050	412	1	10.90	49	4	18	12	1.66	<15	0.97	24	24	3.82	369	<4
LUD0051	524	1	9.15	51	5	22	21	1.82	<15	1.35	26	26	3.62	518	<4
LUD0052	666	2	1.60	117	7	19	14	2.69	<15	2.28	58	45	0.71	654	<4
LUD0053	716	2	2.09	114	8	26	15	3.74	<15	1.70	56	25	0.94	697	<4
LUD0054	686	1	5.60	57	4	34	17	2.23	<15	1.40	29	28	0.87	306	<4
LUD0055	726	1	4.56	68	6	91	30	2.39	<15	1.34	37	26	1.82	332	<4
LUD0056	268	1	15.09	31	<4	17	15	1.09	<15	0.64	15	14	5.06	286	<4
LUD0057	542	1	5.14	88	13	42	24	4.18	<15	1.31	41	18	1.18	560	<4
LUD0058	445	1	1.08	75	<4	225	59	2.83	<15	1.48	45	35	0.56	82	4
LUD0059	573	1	8.12	56	4	24	14	2.03	<15	1.45	26	28	2.16	485	<4
LUD0060	428	1	11.65	45	4	19	8	1.61	<15	0.95	22	20	3.11	371	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	FB	SC	SR	TH	TI	V	Y	ZN	ZR
LUD0006	1.09	12	15	539	19	6	300	6	2605	62	12	60	48
LUD0007	1.15	13	14	584	27	6	325	5	2837	65	14	60	49
LUD0008	1.18	12	12	515	13	7	340	7	3222	81	14	58	48
LUD0009	0.77	10	13	428	12	5	261	13	1967	44	10	47	43
LUD0010	1.11	14	12	585	19	6	351	7	3001	70	13	58	48
LUD0011	1.15	11	12	639	<10	5	334	2	2227	48	12	52	46
LUD0012	0.80	12	15	552	14	5	330	<2	2039	53	11	54	51
LUD0013	0.69	10	15	451	14	4	405	10	1545	39	9	55	37
LUD0014	0.82	9	12	430	11	4	281	<2	1949	38	10	45	42
LUD0015	1.29	12	13	472	29	6	292	10	2789	58	13	60	53
LUD0016	1.39	14	14	433	18	5	349	7	3110	72	13	66	52
LUD0017	1.28	12	11	397	12	5	279	15	2327	45	13	60	57
LUD0018	1.16	12	35	2441	25	6	344	14	2759	100	15	167	55
LUD0019	1.18	12	12	463	24	4	350	10	1919	39	12	47	47
LUD0020	1.36	11	14	414	20	5	372	7	2065	41	13	45	50
LUD0021	1.21	10	12	430	14	5	298	3	2217	43	11	45	46
LUD0022	1.28	13	13	388	21	5	317	10	2335	48	13	52	48
LUD0023	1.06	11	10	461	10	4	267	5	2133	44	12	48	43
LUD0024	0.90	9	10	382	15	4	220	6	1718	37	9	45	37
LUD0025	1.09	12	11	390	21	5	264	8	2466	49	12	54	48
LUD0026	0.61	9	9	346	<10	4	199	<2	1539	31	8	36	34
LUD0027	1.07	12	8	372	13	4	272	<2	2028	40	11	43	42
LUD0028	1.01	11	12	459	<10	5	256	6	2040	48	11	52	44
LUD0029	1.15	13	13	588	16	5	353	4	3207	57	13	64	47
LUD0030	1.55	21	12	315	25	4	278	16	2420	45	25	61	52
LUD0031	1.61	21	6	376	23	5	320	15	3514	73	21	74	47
LUD0032	1.09	12	12	308	22	4	278	12	2035	43	11	54	40
LUD0033	1.15	13	14	405	20	5	289	9	2416	51	12	57	53
LUD0034	1.18	14	13	491	21	5	278	5	2339	49	12	71	49
LUD0035	1.26	14	12	440	21	6	314	15	3075	72	14	72	50
LUD0036	0.95	12	16	315	25	5	287	11	2208	50	12	56	51
LUD0037	0.98	12	13	587	21	5	354	7	2138	42	13	56	54
LUD0038	1.41	13	11	416	28	5	344	19	2428	49	13	71	56
LUD0039	0.86	13	11	395	23	4	250	10	1985	42	11	46	43
LUD0040	1.16	11	13	501	18	6	315	6	2729	55	12	51	50
LUD0041	0.72	11	9	350	21	4	230	12	1796	39	10	42	37
LUD0042	0.68	12	11	369	15	5	193	5	1875	40	10	45	42
LUD0043	0.12	6	8	62	2056	1	58	<2	314	96	2	2055	9
LUD0044	0.81	9	14	383	23	4	187	<2	2043	41	10	55	43
LUD0045	0.79	9	10	330	14	4	239	3	2005	42	10	45	40
LUD0046	0.90	11	11	317	27	4	240	8	2139	44	10	47	39
LUD0047	0.83	12	14	367	12	5	203	8	1995	42	11	44	42
LUD0048	1.39	15	12	299	24	6	336	14	3113	68	14	64	53
LUD0049	1.62	13	12	378	15	6	333	8	2848	52	15	64	51
LUD0050	0.73	9	17	365	15	4	211	14	1716	38	5	52	35
LUD0051	0.94	11	12	387	<10	5	214	7	1980	40	10	47	42
LUD0052	1.74	17	12	365	27	6	379	14	3227	63	17	65	50
LUD0053	1.31	15	12	327	21	6	312	16	3714	100	14	85	53
LUD0054	0.73	10	17	395	19	5	286	3	2257	53	11	61	57
LUD0055	0.79	11	61	729	24	5	274	8	2057	88	17	162	50
LUD0056	0.44	11	12	222	<10	3	165	10	1094	28	7	34	25
LUD0057	1.15	14	19	778	36	11	370	19	3795	136	19	81	41
LUD0058	0.26	10	34	2647	<10	9	350	5	2463	164	29	36	82
LUD0059	1.08	12	11	422	10	5	289	10	2316	50	12	53	45
LUD0060	0.73	11	12	330	16	4	253	5	1621	38	10	47	34

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CCCR	CON1	CON2	CON3	FORM
LUDD061	38.005	115.224	06	50380				3	1	1	2			8	QTRN
LUDD062	38.051	115.235	06	50380				3	1	1	2			8	QTRN
LUDD063	38.082	115.247	06	50380				3	1	1	2			8	QTRN
LUDD064	38.104	115.219	06	50380				3	1	1	2			8	QTRN
LUDD065	38.064	115.200	06	50380				3	1	1	2			8	QTRN
LUDD066	38.097	115.197	06	50380				3	1	1	2			8	QTRN
LUDD067	38.243	115.169	06	50280				4	1	1	2			8	QTRN
LUDD068	38.077	115.176	06	51280				3	1	1	2			8	QTRN
LUDD069	38.057	115.177	01	51280				3	1	1	2		8	5	QTRN
LUDD070	38.055	115.178	06	51280				3	1	1	2			8	QTRN
LUDD071	38.084	115.210	06	51280				3	1	1	2			8	QTRN
LUDD072	38.069	115.225	06	51280				3	1	1	2			8	QTRN
LUDD073	38.020	115.035	06	51580				4	1	1	2			8	QTRN
LUDD074	38.018	115.013	06	51580				3	1	1	2			8	QTRN
LUDD075	38.002	115.005	06	51580				3	1	1	2			8	QTRN
LUDE001	38.076	114.762	06	41680				3	1	1	2			8	QTRN
LUDE002	38.040	114.766	06	41680				3	1	1	2			8	QTRN
LUDE003	38.014	114.767	07	41680				3	1	1	2			8	QTRN
LUDE004	38.044	114.822	06	41680				3	1	1	2			8	QTRN
LUDE005	38.025	114.811	06	41680				3	1	1	2			8	QTRN
LUDE006	38.027	114.853	06	41680				3	1	1	2			8	QTRN
LUDE007	38.011	114.903	06	41680				2	1	1	2			8	QTRN
LUDE008	38.044	114.866	06	41680				2	1	1	2			8	QTRN
LUDE009	38.040	114.887	06	41680				2	1	1	2			8	QTRN
LUDE010	38.076	114.890	06	41680				2	1	1	2			8	QTRN
LUDE011	38.075	114.866	06	41680				2	1	1	2			8	QTRN
LUDE012	38.111	114.891	06	41690				2	1	1	2			8	QTRN
LUDE013	38.110	114.857	06	41680				2	1	1	2			8	QTRN
LUDE014	38.234	114.899	06	41780				2	1	1	2			8	QTRN
LUDE015	38.233	114.925	06	41780				2	1	1	2			8	QTRN
LUDE016	38.212	114.950	06	41780				2	1	1	2			8	QTRN
LUDE017	38.201	114.970	06	41780				2	1	1	2			8	QTRN
LUDE018	38.219	114.999	06	41780				2	1	1	2		5	8	QTRN
LUDE019	38.171	114.984	06	41780				2	1	1	2			8	QTRN
LUDE020	38.146	114.968	06	41780				2	1	1	2			8	QTRN
LUDE021	38.159	114.947	06	41780				2	1	1	2			8	QTRN
LUDE022	38.149	114.932	06	41780				2	1	1	2			8	QTRN
LUDE023	38.146	114.893	06	41780				2	1	1	2			8	QTRN
LUDE024	38.167	114.895	06	41780				2	1	1	2			8	QTRN
LUDE025	38.114	114.949	06	41780				2	1	1	2			8	QTRN
LUDE026	38.109	114.976	06	41780				2	1	1	2			8	QTRN
LUDE027	38.071	114.975	06	41780				2	1	1	2			8	QTRN
LUDE028	38.051	114.967	06	41780				2	1	1	2			8	QTRN
LUDE029	38.010	114.961	06	41780				2	1	1	2			8	QTRN
LUDE030	38.021	114.946	05	41780				2	1	1	2			8	QTRN
LUDE031	38.034	114.956	06	41780				2	1	1	2			8	QTRN
LUDE032	38.089	114.920	06	41780				2	1	1	2			8	QTRN
LUDE033	38.108	114.807	06	41780				2	1	1	2			8	QTRN
LUDE034	38.117	114.775	06	41780				2	1	1	2			8	QTRN
LUDE035	38.231	114.858	06	41780				2	1	1	2			8	QTRN
LUDE036	38.208	114.815	06	41780				3	1	1	2			8	QTRN
LUDE037	38.187	114.788	06	41780				2	1	1	2			8	QTRN
LUDE038	38.174	114.771	06	41780				3	1	1	2			8	QTRN
LUDE039	38.165	114.803	06	41780				3	1	1	2			8	QTRN
LUDE040	38.145	114.818	06	41780				3	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	L-FL	AG	AL	B
LUD0061	10		56.00	10	1	1	1	3	3	NJ1106	3.71	<2	5.97	12
LUD0062	10		50.00	10	1	1	1	3	3	NJ1106	2.21	<2	5.96	20
LUD0063	10		58.00	10	1	1	1	3	3	NJ1106	2.55	<2	6.67	15
LUD0064	10		50.00	10	1	1	1	3	3	NJ1106	2.45	<2	6.09	23
LUD0065	10		52.00	10	1	1	1	3	3	NJ1106	2.37	<2	5.77	18
LUD0066	10		82.00	10	1	1	1	3	3	NJ1106	2.34	<2	8.14	21
LUD0067	10		60.00	10	1	1	1	3	3	NJ1106	2.60	<2	4.65	16
LUD0068	10		70.00	10	1	1	1	3	3	NJ1106	2.11	<2	7.76	33
LUD0069	10		42.00	10	1	1	1	3	3	NJ1106	3.89	<2	5.19	43
LUD0070	10		22.00	10	1	1	1	3	3	NJ1106	2.01	<2	5.15	20
LUD0071	10		70.00	10	1	1	1	3	3	NJ1106	2.48	<2	6.47	30
LUD0072	10		64.00	10	1	1	1	3	3	NJ1106	1.50	<2	6.73	21
LUD0073	10		20.00	10	1	1	1	2	2	NJ1106	1.51	<2	2.58	22
LUD0074	10		22.00	10	1	1	1	3	3	NJ1106	15.20	<2	2.85	11
LUD0075	10		19.00	10	1	1	1	3	3	NJ1106	1.84	<2	3.69	<10
LUDE001	10		59.00	10	1	1	1	3	2	NJ1106	2.33	<2	6.72	23
LUDE002	10		50.00	10	1	1	1	3	2	NJ1106	2.55	<2	7.31	36
LUDE003	10		58.00	10	1	1	1	3	2	NJ1106	2.24	<2	6.76	36
LUDE004	10		40.00	10	1	1	1	3	2	NJ1106	2.58	<2	6.56	26
LUDE005	10		48.00	10	1	1	1	3	2	NJ1106	2.72	<2	7.63	29
LUDE006	10		46.00	10	1	1	1	3	2	NJ1106	2.83	<2	7.75	29
LUDE007	10		29.00	10	1	1	2	3	2	NJ1106	2.69	<2	6.03	39
LUDE008	10		34.00	10	1	1	1	3	2	NJ1106	1.56	<2	5.95	24
LUDE009	10		32.00	10	1	1	1	3	2	NJ1106	1.59	<2	6.00	26
LUDE010	10		24.00	10	1	1	1	3	2	NJ1106	2.02	<2	5.42	36
LUDE011	10		24.00	10	1	1	2	3	2	NJ1106	2.30	<2	5.56	29
LUDE012	10		24.00	10	1	1	1	3	2	NJ1106	2.18	<2	6.25	44
LUDE013	10		32.00	10	1	1	1	3	2	NJ1106	2.07	<2	5.89	33
LUDE014	10		44.00	10	1	1	2	3	2	NJ1106	4.58	<2	5.70	98
LUDE015	10		18.00	10	1	1	2	3	2	NJ1106	1.58	<2	4.24	18
LUDE016	10		78.00	10	1	1	2	3	2	NJ1106	4.55	<2	6.98	24
LUDE017	10		32.00	10	1	1	2	3	2	NJ1106	1.96	<2	5.16	22
LUDE018	10		44.00	10	1	1	2	3	2	NJ1106	2.50	<2	6.62	27
LUDE019	10		12.00	10	1	1	2	3	2	NJ1106	1.87	<2	4.23	19
LUDE020	10		36.00	10	1	1	1	3	2	NJ1106	2.29	<2	6.35	33
LUDE021	10		22.00	10	1	1	2	3	2	NJ1106	2.62	<2	4.95	17
LUDE022	10		52.00	10	1	1	2	3	2	NJ1106	2.73	<2	7.40	33
LUDE023	10		40.00	10	1	1	2	3	2	NJ1106	1.56	<2	7.70	10
LUDE024	10		38.00	10	1	1	1	3	2	NJ1106	2.28	<2	7.05	18
LUDE025	10		42.00	10	1	1	1	3	2	NJ1106	2.13	<2	7.53	24
LUDE026	10		48.00	10	1	1	2	3	2	NJ1106	2.37	<2	6.29	20
LUDE027	10		30.00	10	1	1	2	3	2	NJ1106	2.02	<2	6.00	20
LUDE028	10		28.00	10	1	1	2	3	2	NJ1106	2.12	<2	5.47	18
LUDE029	10		24.00	10	1	1	2	3	2	NJ1106	2.25	<2	5.26	20
LUDE030	10		24.00	10	1	1	2	3	2	NJ1106	2.54	<2	4.75	27
LUDE031	10		24.00	10	1	1	2	3	2	NJ1106	2.43	<2	4.70	19
LUDE032	10		28.00	10	1	1	2	3	2	NJ1106	2.55	<2	5.07	23
LUDE033	10		50.00	10	1	1	1	3	2	NJ1106	3.03	<2	6.67	24
LUDE034	10		62.00	10	1	1	1	3	2	NJ1106	2.83	<2	6.71	21
LUDE035	10		32.00	10	1	1	1	3	2	NJ1106	1.56	<2	3.51	15
LUDE036	10		75.00	10	1	1	1	3	2	NJ1106	2.52	<2	5.66	21
LUDE037	10		75.00	10	1	1	1	3	2	NJ1106	2.30	<2	6.95	15
LUDE038	10		75.00	10	1	1	1	3	2	NJ1106	2.81	<2	6.50	20
LUDE039	10		60.00	10	1	1	1	3	2	NJ1106	2.66	<2	7.04	17
LUDE040	10		75.00	10	1	1	1	3	2	NJ1106	3.08	<2	6.80	19

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	EE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	NN	NO
LUDD061	613	1	4.02	230	25	72	16	12.92	<15	1.18	106	20	0.82	1087	<4
LUDD062	747	1	6.30	71	<4	18	9	1.76	<15	1.51	27	28	2.02	389	<4
LUDD063	834	1	3.37	97	5	19	8	2.56	<15	1.65	51	29	1.23	460	<4
LUDD064	721	1	5.85	96	6	29	9	2.80	<15	1.31	46	32	1.21	477	5
LUDD065	675	1	6.34	74	5	29	13	2.80	<15	1.46	35	29	1.48	481	<4
LUDD066	939	2	1.80	131	8	19	13	3.09	<15	1.88	67	38	0.77	669	<4
LUDD067	639	1	8.85	46	4	18	10	1.40	<15	1.24	24	28	2.35	379	<4
LUDD068	858	2	1.88	102	7	23	15	2.73	<15	2.06	49	43	1.00	586	<4
LUDD069	580	1	7.12	61	6	61	36	2.00	<15	1.25	21	40	1.67	333	<4
LUDD070	600	1	9.63	64	5	26	11	2.14	<15	1.31	29	26	1.45	453	<4
LUDD071	660	1	4.06	96	8	41	10	2.79	<15	1.35	46	40	1.08	523	<4
LUDD072	676	1	5.11	88	4	18	9	1.92	<15	1.77	45	30	1.78	424	<4
LUDD073	244	1	13.03	30	4	18	9	1.14	<15	0.61	14	15	6.31	317	<4
LUDD074	277	1	12.44	21	<4	16	8	1.19	<15	0.74	9	17	5.26	307	<4
LUDD075	395	1	11.10	45	4	21	10	1.60	<15	0.95	22	20	4.42	419	<4
LUDE001	696	1	3.75	83	9	33	15	2.90	<15	1.67	40	31	1.55	566	<4
LUDE002	705	2	2.26	93	10	40	22	3.52	<15	1.90	43	38	1.52	729	<4
LUDE003	657	2	3.51	70	8	32	20	2.81	<15	1.78	35	26	1.84	636	<4
LUDE004	644	1	4.70	67	7	34	16	2.64	<15	1.65	32	33	1.37	514	<4
LUDE005	723	2	2.31	81	8	30	17	3.15	<15	1.78	40	30	1.27	579	<4
LUDE006	711	2	2.01	78	10	38	16	3.38	<15	1.70	36	37	1.07	669	<4
LUDE007	607	1	4.53	73	6	38	16	2.19	<15	1.45	33	26	1.16	418	<4
LUDE008	612	1	5.91	71	7	40	16	2.57	15	1.56	32	21	1.33	489	<4
LUDE009	593	1	4.58	72	7	41	14	2.64	<15	1.44	33	27	1.14	538	<4
LUDE010	576	1	6.73	71	6	40	15	2.32	<15	1.37	31	28	1.59	516	<4
LUDE011	579	1	7.06	68	7	49	17	2.37	<15	1.32	33	28	1.80	484	<4
LUDE012	575	1	5.36	76	9	48	17	3.06	<15	1.41	35	38	1.93	575	<4
LUDE013	599	1	6.66	62	6	29	16	2.20	<15	1.56	28	32	2.63	538	<4
LUDE014	545	1	4.80	53	7	152	43	2.55	<15	1.26	32	30	2.48	307	4
LUDE015	407	1	10.26	42	6	64	13	1.84	<15	0.88	21	24	4.27	391	<4
LUDE016	542	3	1.25	174	7	70	11	2.68	<15	1.84	86	21	0.59	723	<4
LUDE017	525	1	8.08	62	9	38	15	2.95	<15	1.08	27	25	3.26	581	<4
LUDE018	666	1	4.52	93	9	38	17	3.85	<15	1.53	45	34	1.60	628	<4
LUDE019	459	1	10.95	44	5	21	12	1.74	<15	1.03	21	23	3.49	395	<4
LUDE020	661	2	4.93	67	8	37	16	2.68	<15	1.62	33	35	1.44	551	<4
LUDE021	516	1	7.61	52	6	36	15	1.98	<15	1.28	25	25	1.24	416	<4
LUDE022	762	2	2.21	92	14	40	20	4.31	21	1.76	40	37	1.55	861	<4
LUDE023	735	1	2.50	67	8	34	7	3.12	<15	1.73	21	41	0.91	550	<4
LUDE024	594	1	3.32	73	9	47	9	3.45	<15	1.50	24	46	1.65	688	<4
LUDE025	755	1	3.04	78	11	53	12	3.93	<15	1.61	34	49	1.46	790	<4
LUDE026	653	1	5.38	87	8	35	14	3.29	<15	1.50	42	33	1.44	594	4
LUDE027	658	1	5.84	80	9	37	10	3.44	<15	1.23	40	24	2.02	600	<4
LUDE028	568	1	5.88	51	5	19	9	2.02	<15	1.03	23	19	2.42	470	<4
LUDE029	582	1	6.98	69	5	19	10	1.64	<15	1.06	34	21	2.32	385	<4
LUDE030	505	1	6.52	62	5	34	11	1.82	<15	1.03	27	21	1.50	370	<4
LUDE031	514	1	5.90	70	4	27	9	1.83	<15	1.03	25	19	1.73	363	<4
LUDE032	554	1	5.60	96	7	27	13	2.84	<15	1.08	43	23	1.30	539	<4
LUDE033	660	2	1.40	86	8	31	16	2.84	<15	1.50	39	27	0.98	567	<4
LUDE034	713	1	1.51	78	7	25	14	2.51	<15	1.57	34	28	0.92	558	<4
LUDE035	244	1	9.57	39	5	19	10	1.49	<15	0.77	15	18	4.37	361	<4
LUDE036	553	1	5.92	55	7	23	13	2.03	<15	1.29	24	28	2.12	454	<4
LUDE037	683	1	1.85	130	8	31	12	3.28	22	1.44	62	27	0.76	540	<4
LUDE038	733	1	2.36	77	5	23	10	2.23	<15	1.48	34	32	0.68	446	<4
LUDE039	713	1	1.83	93	8	26	12	2.88	<15	1.63	40	22	0.75	544	<4
LUDE040	637	1	1.74	137	10	38	12	4.09	<15	1.40	62	26	0.82	576	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZN	ZR
LUDD061	1.24	30	23	721	34	7	327	20	10962	418	23	266	65
LUDD062	1.37	12	9	473	18	4	349	6	1998	40	13	60	40
LUDD063	1.63	13	9	404	16	5	366	3	2725	65	13	66	42
LUDD064	1.26	15	14	729	27	5	387	12	2904	75	16	75	46
LUDD065	1.30	11	14	545	11	5	327	4	2734	70	12	65	41
LUDD066	2.00	15	13	519	29	6	418	14	3297	74	14	66	45
LUDD067	0.93	10	12	469	17	4	499	<2	1491	33	10	44	42
LUDD068	1.77	14	13	528	33	6	346	15	2957	59	14	60	52
LUDD069	0.91	12	24	1021	19	5	431	7	2023	56	17	116	49
LUDD070	1.14	11	14	416	14	5	352	5	2412	56	12	75	41
LUDD071	1.30	14	28	838	23	6	354	8	2950	71	16	217	53
LUDD072	1.67	12	11	410	29	4	386	12	2008	42	13	56	40
LUDD073	0.44	9	10	262	10	3	109	9	1120	26	6	27	27
LUDD074	0.51	6	10	257	<10	3	130	<2	1175	26	6	34	27
LUDD075	0.72	8	11	312	13	4	183	5	1726	37	8	52	32
LUDE001	1.35	13	18	734	42	6	322	16	3092	74	14	72	53
LUDE002	1.36	14	17	1045	33	7	280	12	3618	94	15	52	61
LUDE003	1.23	10	13	951	27	7	291	9	2933	60	15	77	58
LUDE004	1.27	13	16	744	<10	7	296	10	2873	61	14	72	58
LUDE005	1.56	12	15	747	33	7	342	11	3318	76	15	77	64
LUDE006	1.54	11	14	699	23	8	353	6	3442	90	14	82	60
LUDE007	0.90	13	11	882	38	6	243	12	2774	58	13	50	58
LUDE008	1.21	12	14	579	16	6	300	11	2587	67	12	72	49
LUDE009	1.21	10	13	518	20	6	291	10	2718	72	13	72	48
LUDE010	1.04	12	18	566	26	6	283	9	2597	60	13	78	53
LUDE011	0.98	11	24	768	29	6	286	13	2437	61	14	65	49
LUDE012	1.00	13	29	652	24	7	270	11	3557	88	12	52	54
LUDE013	1.14	12	20	702	21	5	263	4	2321	49	11	64	46
LUDE014	0.74	8	87	1930	22	8	230	8	2369	85	21	265	51
LUDE015	0.66	9	29	475	23	5	183	<2	1866	45	10	272	36
LUDE016	1.73	25	49	293	39	7	263	17	3240	64	21	130	69
LUDE017	0.96	12	14	533	22	6	278	11	3070	78	12	66	44
LUDE018	1.31	14	16	795	21	7	317	13	4004	107	15	55	49
LUDE019	0.80	8	13	438	24	4	242	8	1919	40	9	45	38
LUDE020	1.29	13	19	736	38	7	299	13	3115	65	13	75	56
LUDE021	0.93	8	14	783	17	5	260	7	2218	49	12	72	49
LUDE022	1.48	14	16	548	33	13	369	11	4180	121	19	52	52
LUDE023	1.81	14	6	781	29	7	387	<2	4275	83	11	71	39
LUDE024	1.45	19	10	740	17	8	311	10	5212	100	12	76	47
LUDE025	1.51	15	10	755	25	10	411	5	5491	110	13	104	60
LUDE026	1.40	17	11	549	24	7	367	4	3962	89	14	64	54
LUDE027	1.37	14	11	421	35	8	396	10	4377	93	13	78	49
LUDE028	1.12	8	10	376	19	5	315	<2	2474	50	10	51	45
LUDE029	1.01	8	8	354	21	4	310	6	1887	43	12	47	42
LUDE030	0.84	9	10	384	26	5	286	10	2151	51	11	54	52
LUDE031	0.92	10	8	324	<10	4	287	7	2317	53	10	52	45
LUDE032	0.91	15	12	443	26	5	281	10	3402	71	12	75	61
LUDE033	1.14	14	14	486	36	7	261	16	3228	78	12	71	57
LUDE034	1.22	14	13	469	71	6	291	14	3017	66	13	66	53
LUDE035	0.58	8	7	287	15	4	166	4	1626	38	8	35	30
LUDE036	0.90	8	15	495	12	5	232	7	2178	46	11	57	42
LUDE037	1.41	16	10	374	22	7	345	14	3997	98	15	72	51
LUDE038	1.23	13	14	485	19	5	320	11	2783	61	11	62	43
LUDE039	1.79	13	10	499	21	6	317	<2	3558	83	13	76	48
LUDE040	1.32	18	14	276	29	7	320	12	4799	140	15	66	51

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LCNG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CGM1	CON2	CON3	FORM
LUDE041	38.124	114.785	06	41780				3	1	1	2			8	QTRN
LUDE042	38.143	114.854	06	41780				3	1	1	2			8	QTRN
LUDE043	38.171	114.853	06	41680				2	1	1	2			8	QTRN
LUDE044	38.204	114.839	06	41780				2	1	1	2			8	QTRN
LUDE045	38.240	114.805	06	41780				4	1	1	2			8	QTRN
LUDE046	38.244	114.772	06	41780				2	1	1	2			8	QTRN
LUDE047	38.084	114.816	06	41880				3	1	1	2			8	QTRN
LUDE048	38.048	114.980	06	50180				3	1	1	2			8	QTRN
LUDE049	38.045	114.789	06	43080				4	1	1	2			8	QTRN
LUDE050	38.074	114.837	06	43080				4	1	1	2			8	QTRN
LUDE051	38.094	114.861	06	43080				4	1	1	2			8	QTRN
LUDE052	38.052	114.942	06	50480				3	1	1	2			8	QTRN
LUDE053	38.030	114.990	06	51580				3	1	1	2			8	QTRN
LUDF001	38.105	114.688	01	41680				2	1	1	2			5	QTRN
LUDF002	38.105	114.686	06	41680				3	1	1	2			2	QTRN
LUDF003	38.108	114.660	06	41680				3	1	1	2			2	QTRN
LUDF004	38.083	114.638	06	41680				2	1	1	2		5	1	QTRN
LUDF005	38.071	114.674	06	41680				2	1	1	2			5	QTRN
LUDF006	38.035	114.652	06	41680				2	1	1	2			2	QTRN
LUDF007	38.028	114.678	06	41680				2	1	1	2			8	QTRN
LUDF008	38.016	114.652	06	41680				2	1	1	2			8	QTRN
LUDF009	38.013	114.696	06	41680				2	1	1	2			8	QTRN
LUDF010	38.016	114.731	06	41680				4	1	1	2			8	QTRN
LUDF011	38.043	114.776	06	41680				4	1	1	2			8	QTRN
LUDF012	38.077	114.733	06	41680				3	1	1	2			8	QTRN
LUDF013	38.118	114.735	06	41680				3	1	1	2			8	QTRN
LUDF014	38.247	114.736	06	41780				3	1	1	2			8	QTRN
LUDF015	38.236	114.703	06	41780				3	1	1	2			8	QTRN
LUDF016	38.205	114.707	06	41780				3	1	1	2			8	QTRN
LUDF017	38.185	114.734	06	41780				2	1	1	2			8	QTRN
LUDF018	38.167	114.726	06	41780				2	1	1	2			8	QTRN
LUDF019	38.143	114.720	06	41780				3	1	1	2			8	QTRN
LUDF020	38.129	114.703	06	41780				2	1	1	2			8	QTRN
LUDF021	38.155	114.695	01	41880				2	1	1	2			5	QTRN
LUDF022	38.169	114.680	06	41880				2	1	1	2			8	QTRN
LUDF023	38.139	114.646	06	41880				3	1	1	2			8	QTRN
LUDF024	38.160	114.650	06	41880				3	1	1	2			8	QTRN
LUDF025	38.158	114.637	08	41880				2	1	1	2			5	QTRN
LUDF026	38.243	114.555	06	41780				3	1	1	2			8	QTRN
LUDF027	38.239	114.526	05	41780	18.0	120.00	1.75	4	4	2	2			2	QTRN
LUDF028	38.199	114.541	07	41780				3	1	1	2			2	QTRN
LUDF029	38.228	114.600	05	41780	20.0	175.00	3.90	4	3	2	2			2	QTRN
LUDF030	38.197	114.609	05	41780	16.0	700.00	5.70	3	1	1	2			2	QTRN
LUDF031	38.203	114.568	07	41780				3	1	1	2			2	QTRN
LUDF032	38.175	114.564	07	41780				3	1	1	2			2	QTRN
LUDF033	38.141	114.555	07	41880				3	1	1	2			2	QTRN
LUDF034	38.142	114.531	07	41880				3	1	1	2			2	QTRN
LUDF035	38.167	114.533	06	41880				3	1	1	2			2	QTRN
LUDF036	38.137	114.613	07	41880				3	1	1	2			2	QTRN
LUDF037	38.172	114.603	07	41880				3	1	1	2			2	QTRN
LUDF038	38.115	114.545	07	41880				3	1	1	2			2	QTRN
LUDF039	38.112	114.510	07	41880				3	1	1	2			2	QTRN
LUDF040	38.098	114.508	07	41880				3	1	1	2			2	QTRN
LUDF041	38.113	114.605	07	41880				3	1	1	2			2	QTRN
LUDF042	38.094	114.560	07	41880				3	1	1	2			2	QTRN

Table 4, Continued

DATA LISTING FCR SECIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLO#	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUDE041	10		80.00	10	1	1	1	3	2	NJ1106	2.70	<2	6.98	21
LUDE042	10		50.00	10	1	1	1	3	2	NJ1106	2.78	<2	6.33	18
LUDE043	10		75.00	10	1	1	1	3	2	NJ1106	1.88	<2	4.98	18
LUDE044	10		32.00	10	1	1	1	3	2	NJ1106	2.05	<2	5.47	25
LUDE045	10		55.00	10	1	1	1	3	2	NJ1106	1.25	<2	5.98	28
LUDE046	10		62.00	10	1	1	1	3	2	NJ1106	2.68	<2	7.15	15
LUDE047	10		66.00	10	1	1	1	3	2	NJ1106	2.86	<2	6.66	23
LUDE048	10		18.00	10	1	1	1	3	2	NJ1106	2.18	<2	3.83	19
LUDE049	10		60.00	10	1	1	1	3	2	NJ1106	2.59	<2	6.84	29
LUDE050	10		50.00	10	1	1	1	3	3	NJ1106	2.32	<2	5.39	27
LUDE051	10		48.00	10	1	1	1	3	3	NJ1106	2.37	<2	5.61	24
LUDE052	10		24.00	10	1	1	1	3	3	NJ1106	2.08	<2	4.58	22
LUDE053	10		20.00	10	1	1	1	3	3	NJ1106	2.20	<2	4.49	22
LUDF0C1	10		280.00	10	1	1	1	3	2	NJ1106	3.55	30	5.27	33
LUDF0C2	10		58.00	10	1	1	1	3	2	NJ1106	2.24	<2	7.34	14
LUDF0C3	10		20.00	10	1	1	1	3	1	NJ1106	1.64	<2	3.91	23
LUDF0C4	10		15.00	10	1	1	2	3	2	NJ1106	1.48	<2	3.02	13
LUDF0C5	10		32.00	10	1	1	1	3	2	NJ1106	1.78	<2	4.78	23
LUDF0C6	10		20.00	10	1	1	1	3	2	NJ1106	1.89	<2	5.00	20
LUDF0C7	10		15.00	10	1	1	1	3	2	NJ1106	2.00	<2	4.40	21
LUDF0C8	10		24.00	10	1	1	1	3	2	NJ1106	2.12	<2	4.44	17
LUDF0C9	10		29.00	10	1	1	1	3	2	NJ1106	2.21	<2	4.30	17
LUDF010	10		40.00	10	1	1	1	3	2	NJ1106	2.51	<2	5.14	23
LUDF011	10		45.00	10	1	1	1	3	2	NJ1106	2.72	<2	5.69	27
LUDF012	10		49.00	10	1	1	1	3	2	NJ1106	2.64	<2	5.22	22
LUDF013	10		70.00	10	1	1	1	3	2	NJ1106	3.81	<2	6.44	26
LUDF014	10		65.00	10	1	1	1	3	2	NJ1106	3.20	<2	6.95	16
LUDF015	10		60.00	10	1	1	1	3	2	NJ1106	3.08	<2	7.26	17
LUDF016	10		75.00	10	1	1	1	3	2	NJ1106	3.39	<2	6.75	13
LUDF017	10		60.00	10	1	1	1	3	2	NJ1106	2.55	<2	6.89	18
LUDF018	10		60.00	10	1	1	1	3	2	NJ1106	2.29	<2	6.25	19
LUDF019	10		65.00	10	1	1	1	3	2	NJ1106	2.41	<2	6.44	18
LUDF020	10		70.00	10	1	1	1	3	2	NJ1106	2.93	<2	6.20	25
LUDF021	10		70.00	10	1	1	1	3	2	NJ1106	12.57	4	3.71	63
LUDF022	10		65.00	10	1	1	1	3	2	NJ1106	1.75	<2	6.61	<10
LUDF023	10		60.00	10	1	1	1	3	2	NJ1106	5.00	<2	7.07	10
LUDF024	10		50.00	10	1	1	1	3	2	NJ1106	3.38	<2	7.10	11
LUDF025	10		20.00	10	1	1	1	3	2	NJ1106	9.51	20	1.52	17
LUDF026	10		62.00	10	1	1	1	3	3	NJ1106	3.42	<2	6.90	17
LUDF027	10	8.9	54.00	10	3	2	1	3	3	NJ1106	2.56	<2	7.50	23
LUDF028	10		60.00	10	1	1	1	4	3	NJ1106	2.68	<2	6.97	17
LUDF029	10	8.3	56.00	10	2	2	1	2	2	NJ1106	3.53	<2	7.29	13
LUDF030	10	8.1	62.00	10	2	2	2	2	3	NJ1106	3.08	<2	6.32	<10
LUDF031	10		56.00	10	1	1	1	3	3	NJ1106	3.10	<2	7.09	17
LUDF032	10		50.00	10	1	1	1	3	1	NJ1106	2.50	<2	7.45	17
LUDF033	10		64.00	10	1	1	1	3	3	NJ1106	2.77	<2	6.75	17
LUDF034	10		66.00	10	1	1	1	3	3	NJ1106	2.38	<2	6.42	21
LUDF035	10		62.00	10	1	1	1	3	3	NJ1106	2.82	<2	6.63	22
LUDF036	10		42.00	10	1	1	1	3	3	NJ1106	2.84	<2	6.46	26
LUDF037	10		56.00	10	1	1	1	3	3	NJ1106	2.76	<2	7.00	15
LUDF038	10		46.00	10	1	1	1	3	3	NJ1106	3.79	<2	5.76	24
LUDF039	10		54.00	10	1	1	1	3	3	NJ1106	3.26	<2	6.68	28
LUDF040	10		58.00	10	1	1	1	3	3	NJ1106	3.00	<2	6.41	26
LUDF041	10		38.00	10	1	1	2	3	3	NJ1106	2.68	<2	6.46	27
LUDF042	10		32.00	10	1	1	1	3	3	NJ1106	2.61	<2	6.16	25

Table 4, Continued.

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	DA	BE	CA	CE	CD	CR	CU	FE	HF	K	LA	LI	MG	MN	MC
LUDE041	678	2	1.54	89	7	25	15	2.57	<15	1.61	37	25	0.92	535	<4
LUDE042	611	1	3.62	70	6	28	11	2.47	<15	1.40	27	34	1.40	513	<4
LUDE043	508	1	6.16	54	6	22	13	1.91	<15	1.11	23	24	2.92	480	<4
LUDE044	527	1	5.17	68	6	29	14	2.13	<15	1.28	28	26	1.37	487	<4
LUDE045	591	1	5.20	68	6	27	15	2.21	<15	1.30	27	31	1.78	471	<4
LUDE046	770	2	1.52	110	7	23	13	2.93	<15	1.56	51	27	0.67	526	<4
LUDE047	644	1	1.52	80	8	32	16	3.04	<15	1.52	35	27	1.03	515	<4
LUDE048	362	1	10.13	49	5	21	11	1.63	<15	0.84	19	31	3.89	373	<4
LUDE049	641	2	1.27	78	9	33	19	2.93	<15	1.62	32	30	1.24	570	<4
LUDE050	527	1	6.05	62	8	33	15	2.38	<15	1.11	28	27	1.62	389	<4
LUDE051	520	1	5.88	75	9	30	13	2.73	<15	1.16	29	25	1.73	509	<4
LUDE052	474	1	6.66	58	6	28	12	1.89	<15	1.04	27	22	1.56	396	<4
LUDE053	459	1	7.92	50	7	22	15	1.86	<15	0.93	21	22	3.29	474	<4
LUDF001	550	1	5.15	75	7	27	616	3.28	26	1.18	34	28	1.35	1915	<4
LUDF002	794	1	2.54	88	6	13	9	2.04	<15	1.49	42	30	0.80	423	<4
LUDF003	395	1	8.08	47	5	21	13	1.74	<15	0.87	19	15	3.64	625	<4
LUDF004	320	1	15.22	40	4	17	33	1.49	<15	0.66	18	14	2.32	550	<4
LUDF005	459	1	8.00	46	5	22	15	1.88	<15	1.06	21	40	2.04	435	<4
LUDF006	512	1	7.62	58	7	25	17	2.10	<15	1.16	25	24	1.71	467	<4
LUDF007	452	1	7.79	54	6	22	13	1.86	<15	1.01	24	21	2.76	455	<4
LUDF008	456	1	9.14	63	6	25	13	2.34	<15	0.98	25	20	1.96	471	<4
LUDF009	438	1	9.23	56	6	22	12	2.05	<15	0.97	21	15	2.70	441	<4
LUDF010	525	1	7.23	51	6	23	17	1.85	19	1.25	23	28	2.10	556	<4
LUDF011	576	1	4.75	75	6	27	15	2.27	<15	1.27	33	34	1.88	548	<4
LUDF012	537	1	5.88	85	7	25	17	2.43	<15	1.14	36	26	2.24	476	<4
LUDF013	602	1	2.92	82	10	51	19	2.79	<15	1.32	37	35	0.82	498	<4
LUDF014	802	2	1.22	74	6	16	22	1.99	<15	1.71	33	28	0.61	542	<4
LUDF015	775	2	1.79	139	7	16	13	2.90	<15	1.37	67	23	0.66	556	<4
LUDF016	783	1	1.42	186	8	21	10	3.77	<15	1.59	50	25	0.49	652	<4
LUDF017	776	1	2.29	119	6	22	11	2.39	<15	1.52	52	34	0.64	489	<4
LUDF018	656	1	3.65	101	7	26	13	2.62	<15	1.45	42	25	0.70	437	<4
LUDF019	654	1	3.69	120	12	33	20	3.83	<15	1.22	52	32	1.09	640	<4
LUDF020	592	1	3.38	84	9	33	15	2.89	<15	1.31	36	35	1.11	564	<4
LUDF021	278	1	4.52	59	6	326	80	2.47	<15	0.72	61	26	0.68	304	12
LUDF022	400	<1	2.62	214	34	142	75	14.33	<15	0.89	67	30	1.42	1384	<4
LUDF023	752	1	2.32	206	9	18	12	3.58	28	1.36	57	28	0.80	631	<4
LUDF024	714	1	2.23	224	10	19	23	4.20	<15	1.24	112	27	0.72	699	<4
LUDF025	59	1	6.38	37	6	15	269	3.23	67	0.33	3	33	3.79	2170	11
LUDF026	743	2	1.45	85	8	21	16	2.34	<15	1.52	39	25	0.70	502	<4
LUDF027	685	2	1.24	83	8	23	19	2.92	<15	1.56	38	37	0.89	518	<4
LUDF028	774	2	1.32	87	7	17	13	2.05	<15	1.66	40	26	0.57	477	<4
LUDF029	745	2	1.55	159	6	14	10	3.47	<15	1.50	79	30	0.52	549	<4
LUDF030	651	1	1.42	216	15	28	14	7.07	<15	1.38	106	26	0.60	1045	<4
LUDF031	741	2	1.26	76	6	18	14	2.12	<15	1.61	36	27	0.68	555	<4
LUDF032	741	2	1.60	79	9	19	17	3.74	<15	1.61	35	31	0.95	610	<4
LUDF033	752	1	1.54	93	8	21	23	2.44	<15	1.45	42	24	0.67	538	<4
LUDF034	659	2	1.58	95	7	25	16	2.32	<15	1.55	40	28	0.95	578	<4
LUDF035	676	2	1.41	85	8	25	17	2.56	15	1.42	38	28	0.99	569	<4
LUDF036	650	2	1.94	82	8	29	22	2.56	<15	1.45	34	26	1.06	648	<4
LUDF037	766	1	1.63	82	8	20	15	2.50	<15	1.49	39	24	0.69	473	<4
LUDF038	569	2	3.05	85	6	21	12	2.11	<15	1.28	33	25	1.65	483	<4
LUDF039	662	2	1.11	87	8	27	18	2.32	<15	1.64	35	32	0.95	683	<4
LUDF040	623	2	1.22	80	7	24	16	2.13	19	1.65	32	30	1.09	627	<4
LUDF041	621	1	3.03	73	9	31	30	2.65	<15	1.45	30	30	1.20	671	<4
LUDF042	639	1	2.60	76	8	30	17	2.64	<15	1.30	32	26	1.27	590	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PE	SC	SR	TH	TI	V	Y	ZA	ZR
LUDE041	1.31	12	16	423	12	6	289	11	2903	70	13	65	49
LUDE042	1.25	14	6	403	26	5	305	8	3446	68	9	61	41
LUDE043	0.85	10	14	422	1E	5	222	7	2230	46	10	54	43
LUDE044	0.88	10	11	546	20	5	229	13	2375	51	10	57	45
LUDE045	0.87	12	16	518	23	6	229	12	2444	52	12	66	49
LUDE046	1.41	17	13	372	30	6	316	15	3348	83	14	69	49
LUDE047	1.23	15	14	444	41	6	274	13	3436	90	12	72	55
LUDE048	0.49	10	9	326	25	4	244	11	1703	43	5	55	38
LUDE049	1.15	13	15	545	26	7	251	13	3159	72	12	78	62
LUDE050	0.74	10	19	352	17	6	273	14	2650	59	12	65	55
LUDE051	0.86	9	13	493	15	7	305	4	3156	71	11	66	51
LUDE052	0.82	10	10	360	16	4	259	7	2354	50	10	56	45
LUDE053	0.65	8	12	371	12	5	194	8	1963	42	10	67	41
LUDF001	0.96	11	14	797	3308	5	366	8	2711	71	11	1925	43
LUDF002	1.49	13	9	466	28	6	445	6	2583	50	12	55	39
LUDF003	0.61	11	9	370	54	4	186	3	1885	42	8	70	36
LUDF004	0.45	10	13	357	200	3	239	5	1512	34	8	166	26
LUDF005	0.79	9	14	369	18	5	265	5	2026	47	10	66	40
LUDF006	0.85	10	11	412	16	4	254	<2	2357	51	10	63	40
LUDF007	0.75	10	11	456	31	4	232	10	2154	47	10	60	39
LUDF008	0.75	11	9	379	14	5	247	5	2584	68	9	60	32
LUDF009	0.74	8	8	344	22	5	243	10	2292	56	9	57	35
LUDF010	0.85	10	14	592	23	5	259	9	2034	43	11	66	43
LUDF011	0.98	12	19	702	25	5	301	6	2570	60	12	67	47
LUDF012	0.99	11	14	506	53	5	320	12	2713	72	12	65	42
LUDF013	1.10	11	26	913	20	6	323	9	3067	93	15	100	47
LUDF014	1.41	14	10	385	34	5	270	11	2447	46	13	58	45
LUDF015	1.45	19	10	459	37	6	369	16	3646	72	16	71	50
LUDF016	1.47	21	8	325	31	6	301	15	4512	113	15	84	47
LUDF017	1.33	14	9	497	22	5	340	9	2956	64	14	67	46
LUDF018	1.14	15	11	400	25	5	301	12	3386	77	12	67	43
LUDF019	1.17	14	18	560	33	7	482	10	4879	121	13	52	66
LUDF020	1.09	13	18	549	26	6	305	5	3372	84	13	80	52
LUDF021	0.22	6	24	7554	20	6	324	<2	1523	186	82	552	45
LUDF022	1.19	21	27	761	24	17	332	3	11977	621	24	175	47
LUDF023	1.44	24	10	528	22	8	429	15	4750	103	21	77	43
LUDF024	1.47	25	7	550	34	8	442	19	5267	126	21	56	44
LUDF025	<0.05	4	20	163	11624	2	32	<2	450	185	6	5532	21
LUDF026	1.26	14	11	437	<10	5	295	9	2766	54	13	40	47
LUDF027	1.12	17	11	387	23	8	279	8	3036	67	15	78	61
LUDF028	1.48	14	9	409	21	4	336	6	2661	51	13	55	46
LUDF029	1.51	15	3	398	24	5	336	7	3485	91	14	61	42
LUDF030	1.30	18	2	509	41	7	313	3	6625	219	20	158	46
LUDF031	1.38	12	7	422	28	5	302	9	2551	47	14	60	50
LUDF032	1.29	12	11	601	23	7	346	6	3142	61	13	70	47
LUDF033	1.34	14	11	405	35	6	353	12	2960	63	14	64	51
LUDF034	1.14	16	15	522	42	6	276	10	2532	55	14	67	54
LUDF035	1.03	14	14	602	33	7	277	11	2689	58	14	70	58
LUDF036	1.10	12	14	591	43	6	254	9	2796	62	13	61	53
LUDF037	1.41	11	13	433	32	6	371	5	2998	63	13	55	48
LUDF038	0.98	14	8	341	23	5	290	12	2365	54	11	57	49
LUDF039	1.02	18	18	482	38	6	227	18	2481	50	16	65	61
LUDF040	1.15	14	14	471	35	5	246	13	2398	47	13	65	55
LUDF041	0.92	10	20	451	52	6	226	9	2747	59	12	103	52
LUDF042	0.97	12	13	479	39	6	253	2	2834	61	12	77	51

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LENG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CCA1	CON2	CON3	FORM
LUDF043	38.009	114.525	07	41980				3	1	1	2			2	QTRN
LUDF044	38.024	114.566	06	41980				4	1	1	2			2	QTRN
LUDF045	38.025	114.584	01	41990				3	1	1	2			5	CMBR
LUDF046	38.024	114.581	06	41980				4	1	1	2			5	QTRN
LUDF047	38.096	114.596	06	41980				3	1	1	2		5	6	QTRN
LUDF048	38.056	114.555	06	41980				3	1	1	2			2	QTRN
LUDF049	38.060	114.590	06	41980				2	1	1	2			5	QTRN
LUDF050	38.067	114.580	01	41980				3	1	1	2		6	5	QTRN
LUDF051	38.058	114.504	07	41980				3	1	1	2			2	QTRN
LUDF052	38.238	114.583	06	42880				3	1	1	2			2	QTRN
LUDF053	38.156	114.526	06	42880				3	1	1	2			2	QTRN
LUDF054	38.132	114.586	06	42880				3	1	1	2			2	QTRN
LUDF055	38.223	114.515	06	42980				2	1	1	2			2	QTRN
LUDF056	38.195	114.502	06	42980				3	1	1	2			2	QTRN
LUDF057	38.219	114.539	06	42980				3	1	1	2			2	QTRN
LUDF058	38.155	114.515	06	42980				3	1	1	2			2	QTRN
LUDF059	38.006	114.552	06	42980				3	1	1	2			2	QTRN
LUDF060	38.006	114.572	01	42980				3	1	1	2			5	CMBR
LUDF061	38.040	114.543	06	42980				3	1	1	2			2	QTRN
LUDF062	38.037	114.513	06	43080				3	1	1	2			2	QTRN
LUDF063	38.090	114.532	06	43080				4	1	1	2			2	QTRN
LUDF064	38.117	114.572	07	43080				4	1	1	2			2	QTRN
LUDF065	38.219	114.694	06	42980				3	1	1	2			8	QTRN
LUDF066	38.249	114.645	06	42980				3	1	1	2			8	QTRN
LUDF067	38.248	114.692	06	42980				3	1	1	2			8	QTRN
LUDF068	38.120	114.628	06	42980				4	1	1	2			2	QTRN
LUDF069	38.094	114.636	08	42980				4	1	1	2			5	TRTR
LUDF070	38.096	114.639	06	42980				4	1	1	2			5	QTRN
LUDF071	38.091	114.678	06	42980				4	1	1	2			2	QTRN
LUDF072	38.053	114.668	06	42980				4	1	1	2			8	QTRN
LUDF073	38.032	114.632	06	43080				3	1	1	2			5	ORDV
LUDF074	38.027	114.625	06	43080				2	1	1	2			2	QTRN
LUDF075	38.012	114.626	01	43080				2	1	1	2			5	ORDV
LUDF076	38.002	114.622	06	43080				3	1	1	2			2	QTRN
LUDF077	38.040	114.711	06	43080				3	1	1	2			8	QTRN
LUDF078	38.098	114.733	06	43080				3	1	1	2			2	QTRN
LUDF079	38.119	114.695	06	43080				3	1	1	2			8	QTRN
LUDG001	38.146	114.435	06	41780				4	1	1	2			8	QTRN
LUDG002	38.168	114.461	06	41780				4	1	1	2			8	QTRN
LUDG003	38.202	114.463	06	41980				4	1	1	2			8	QTRN
LUDG004	38.225	114.463	06	41780				4	1	1	2			8	QTRN
LUDG005	38.212	114.461	05	41780	18.0	110.00	1.90	4	5	3	2			8	QTRN
LUDG006	38.204	114.444	06	41780				4	1	1	2			8	QTRN
LUDG007	38.225	114.426	06	41780				4	1	1	2			8	QTRN
LUDG008	38.160	114.419	06	41780				4	1	1	2			6	QTRN
LUDG009	38.233	114.382	08	41780				3	1	1	2			2	TRTR
LUDG010	38.203	114.389	05	41780				4	1	1	2			2	QTRN
LUDG011	38.174	114.411	06	41780				4	1	1	2			2	QTRN
LUDG012	38.117	114.389	06	41880				4	1	1	2			8	QTRN
LUDG013	38.148	114.412	05	41880	18.0	90.00	0.90	4	4	4	2			8	QTRN
LUDG014	39.149	114.470	07	41880				4	1	1	2			8	QTRN
LUDG015	38.139	114.408	06	41880				4	1	1	2			8	QTRN
LUDG016	38.109	114.449	06	41880				4	1	1	2			8	QTRN
LUDG017	38.103	114.474	06	41880				4	1	1	2			8	QTRN
LUDG018	38.084	114.454	06	41880				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUDF043	10		32.00	10	1	1	1	3	3	NJ1106	2.78	<2	4.95	23
LUDF044	10		28.00	10	1	1	1	2	3	NJ1106	2.23	<2	5.05	30
LUDF045	10		15.00	01	1	1	2	2	3	NJ1106	1.03	<2	0.49	<10
LUDF046	5		21.00	10	1	1	1	2	3	NJ1106	1.51	<2	3.72	28
LUDF047	10		23.00	09	1	1	2	2	2	NJ1106	2.57	4	5.36	33
LUDF048	10		14.00	10	1	1	1	3	3	NJ1106	2.13	<2	6.04	30
LUDF049	10		20.00	10	1	1	1	2	3	NJ1106	1.56	<2	5.33	39
LUDF050	10		20.00	10	1	1	1	2	3	NJ1106	1.58	<2	4.72	25
LUDF051	10		43.00	10	1	1	1	3	3	NJ1106	3.78	<2	6.33	42
LUDF052	10		44.00	10	1	1	1	2	3	NJ1106	2.67	<2	7.94	19
LUDF053	10		60.00	10	1	1	1	3	3	NJ1106	3.01	<2	7.73	28
LUDF054	10		42.00	10	1	1	1	3	3	NJ1106	2.11	<2	7.34	27
LUDF055	10		42.00	10	1	1	1	2	2	NJ1106	2.41	<2	7.55	22
LUDF056	10		68.00	10	1	1	1	3	3	NJ1106	2.33	<2	7.57	29
LUDF057	10		68.00	10	1	1	1	3	3	NJ1106	2.61	<2	7.71	20
LUDF058	10		68.00	10	1	1	1	3	3	NJ1106	2.40	<2	7.44	28
LUDF059	10		18.00	10	1	1	1	2	2	NJ1106	2.03	<2	7.00	39
LUDF050	10		58.00	07	1	1	1	2	2	NJ1106	3.17	<2	4.24	27
LUDF051	10		52.00	10	1	1	1	3	3	NJ1106	2.39	<2	6.34	37
LUDF052	10		30.00	10	1	1	1	3	3	NJ1106	2.27	<2	6.06	31
LUDF053	10		48.00	10	1	1	1	3	3	NJ1106	2.61	<2	7.00	41
LUDF054	10		50.00	10	1	1	1	3	3	NJ1106	2.17	<2	6.18	32
LUDF055	10		60.00	10	1	1	1	3	2	NJ1106	2.20	<2	8.25	<10
LUDF056	10		50.00	10	1	1	2	4	2	NJ1106	3.50	<2	7.21	24
LUDF057	10		70.00	10	1	1	1	3	2	NJ1106	2.28	<2	7.62	18
LUDF058	10		30.00	10	1	1	1	2	2	NJ1106	1.81	<2	3.92	21
LUDF059	10		50.00	03	1	1	1	3	2	NJ1106	46.08	353	2.28	<10
LUDF070	10		50.00	09	1	1	4	2	2	NJ1106	3.18	8	4.10	22
LUDF071	10		45.00	10	1	1	1	3	2	NJ1106	1.68	<2	4.32	22
LUDF072	10		50.00	10	1	1	1	3	2	NJ1106	1.82	<2	5.22	23
LUDF073	10		48.00	05	1	1	1	3	2	NJ1106	2.16	<2	5.87	28
LUDF074	10		30.00	10	1	1	1	2	3	NJ1106	2.02	<2	4.81	27
LUDF075	10		20.00	01	1	1	1	2	2	NJ1106	1.27	<2	2.63	<10
LUDF076	10		28.00	10	1	1	1	2	3	NJ1106	1.61	<2	3.01	<10
LUDF077	10		24.00	10	1	1	1	3	3	NJ1106	1.72	<2	4.51	10
LUDF078	10		36.00	10	1	1	1	3	3	NJ1106	2.65	<2	5.09	25
LUDF079	10		50.00	10	1	1	1	3	1	NJ1106	2.61	<2	5.75	26
LUDG001	10		120.00	10	1	1	1	3	3	NJ1106	2.68	<2	7.34	13
LUDG002	10		90.00	10	1	1	1	3	3	NJ1106	2.27	<2	5.87	<10
LUDG003	10		90.00	10	1	1	1	3	3	NJ1106	2.56	<2	8.03	<10
LUDG004	10		95.00	10	1	1	1	3	3	NJ1106	2.60	<2	7.75	<10
LUDG005	5	8.0	90.00	10	3	3	1	2	2	NJ1106	3.52	<2	7.63	<10
LUDG006	10		90.00	10	1	1	1	2	2	NJ1106	3.22	<2	6.68	<10
LUDG007	10		90.00	10	1	1	1	2	2	NJ1106	3.01	<2	7.60	<10
LUDG008	10		100.00	10	1	1	1	2	2	NJ1106	3.30	<2	6.89	16
LUDG009	10		129.00	02	1	1	4	2	1	NJ1106	3.09	<2	7.19	23
LUDG010	10		120.00	10	1	1	2	4	1	NJ1106	3.52	<2	8.67	11
LUDG011	10		90.00	10	1	1	1	2	2	NJ1106	2.34	<2	6.83	14
LUDG012	10		140.00	10	1	1	2	2	2	NJ1106	2.57	<2	6.86	19
LUDG013	10	8.0	150.00	10	3	4	1	2	2	NJ1106	4.00	<2	6.49	14
LUDG014	10		93.00	10	1	1	1	4	2	NJ1106	2.41	<2	7.31	16
LUDG015	10		125.00	10	1	1	1	3	2	NJ1106	2.62	<2	7.04	21
LUDG016	10		120.00	10	1	1	1	3	3	NJ1106	2.55	<2	7.20	18
LUDG017	10		170.00	10	1	1	1	3	2	NJ1106	3.57	<2	7.06	25
LUDG018	10		90.00	10	1	1	1	3	3	NJ1106	2.61	<2	6.76	19

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	PA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUDF043	495	1	5.47	69	7	26	14	2.25	<15	1.11	29	22	1.83	517	<4
LUDF044	477	1	7.46	49	6	31	19	2.28	<15	1.27	24	27	2.66	624	<4
LUDF045	52	<1	17.95	<10	<4	1	41	0.69	<15	0.12	<2	5	7.75	932	<4
LUDF046	267	1	10.52	48	5	23	17	1.75	<15	0.82	21	15	2.57	523	<4
LUDF047	551	1	7.89	60	8	29	139	2.51	<15	1.31	26	27	1.75	1406	<4
LUDF048	633	1	5.40	67	8	31	17	2.52	<15	1.53	30	25	1.80	534	<4
LUDF049	485	1	5.43	59	8	27	21	2.30	<15	1.42	27	22	2.23	665	<4
LUDF050	427	1	11.11	53	6	28	22	2.02	<15	1.26	18	25	2.55	669	<4
LUDF051	584	2	1.89	72	6	28	19	2.35	<15	2.00	31	45	2.16	680	<4
LUDF052	507	2	1.45	88	6	18	14	2.50	<15	2.02	46	24	0.57	459	<4
LUDF053	768	2	2.06	87	7	27	16	3.09	<15	1.72	45	22	0.95	541	<4
LUDF054	745	2	2.21	88	8	29	18	2.83	<15	1.86	41	25	1.02	598	<4
LUDF055	770	2	1.68	122	11	31	16	4.59	20	1.72	52	23	0.81	709	<4
LUDF056	758	2	2.04	88	8	26	16	3.01	<15	1.85	42	36	1.05	557	<4
LUDF057	671	2	1.46	96	8	21	15	2.50	16	1.92	46	20	0.60	547	4
LUDF058	749	2	1.35	80	7	24	17	2.57	<15	2.07	40	26	0.84	592	<4
LUDF059	657	2	2.85	76	9	36	23	2.99	<15	1.76	34	26	1.24	730	<4
LUDF060	591	1	9.48	168	8	11	98	3.00	<15	1.16	63	26	2.44	1354	7
LUDF061	643	2	4.22	75	9	34	20	2.84	<15	1.52	34	31	1.36	621	<4
LUDF062	610	2	5.66	68	7	30	20	2.54	<15	1.56	31	31	1.62	580	<4
LUDF063	694	2	2.28	77	8	28	19	2.57	<15	2.03	35	27	1.32	574	<4
LUDF064	656	2	4.55	70	7	32	20	2.60	<15	1.52	34	28	1.41	668	4
LUDF065	655	2	2.31	163	9	13	10	3.51	<15	1.56	60	26	0.80	591	<4
LUDF066	501	2	1.08	95	5	17	14	2.12	<15	1.95	48	38	0.48	583	4
LUDF067	611	2	1.81	84	6	18	14	2.64	<15	1.60	42	25	0.67	571	<4
LUDF068	411	1	11.04	47	5	21	49	1.89	<15	0.90	23	21	3.31	550	<4
LUDF069	229	1	8.08	39	4	17	37690	11.53	115	0.57	10	11	1.19	13855	11
LUDF070	424	1	10.89	47	6	22	809	2.08	<15	0.97	19	22	2.38	1468	<4
LUDF071	450	1	11.45	55	5	21	18	1.77	<15	1.06	24	23	2.82	520	<4
LUDF072	553	1	7.19	62	7	26	16	2.21	<15	1.27	29	24	2.43	593	<4
LUDF073	577	2	6.45	68	9	34	29	2.77	<15	1.51	21	26	1.68	638	<4
LUDF074	458	1	9.08	52	7	25	48	2.18	<15	1.20	22	26	2.14	614	<4
LUDF075	208	1	21.43	22	<4	11	7	1.24	<15	0.52	9	14	2.62	270	<4
LUDF076	250	1	14.10	38	4	15	11	1.73	<15	0.77	19	17	4.40	369	<4
LUDF077	442	1	9.01	42	4	19	14	1.67	<15	1.22	21	22	3.08	489	<4
LUDF078	454	1	7.65	51	7	31	14	2.52	<15	1.46	28	27	3.03	503	<4
LUDF079	537	2	4.77	93	10	40	23	4.61	<15	1.45	51	40	1.50	695	<4
LUDG001	647	2	1.24	82	7	20	11	2.72	15	1.83	45	25	0.54	627	<4
LUDG002	507	1	1.34	186	20	60	9	13.14	<15	1.25	105	25	0.57	1263	<4
LUDG003	780	1	1.69	83	8	16	10	2.99	<15	1.84	46	25	0.69	573	<4
LUDG004	631	1	2.68	156	11	22	7	4.88	<15	1.42	89	25	0.85	755	<4
LUDG005	661	1	2.15	144	12	22	9	4.84	<15	1.67	77	26	0.80	758	<4
LUDG006	631	1	1.46	128	11	31	9	5.86	<15	1.63	70	25	0.57	817	<4
LUDG007	749	1	1.71	103	8	16	11	2.69	<15	1.72	52	26	0.66	642	<4
LUDG008	619	2	1.03	91	7	20	10	2.26	<15	1.81	46	28	0.51	575	<4
LUDG009	679	2	1.74	93	6	20	11	2.27	<15	1.92	46	22	0.66	660	<4
LUDG010	581	2	2.66	94	8	11	8	2.68	<15	1.71	48	20	0.68	626	<4
LUDG011	488	3	1.03	94	6	17	9	2.21	<15	2.00	47	25	0.40	539	<4
LUDG012	410	2	0.93	64	4	15	9	1.54	<15	1.85	32	28	0.42	470	<4
LUDG013	365	3	0.94	93	<4	13	5	1.65	24	1.92	48	25	0.35	473	<4
LUDG014	677	2	1.12	85	6	21	10	2.55	<15	2.00	48	22	0.56	516	<4
LUDG015	555	2	1.15	65	6	22	13	2.18	<15	1.95	33	26	0.61	601	<4
LUDG016	558	2	1.08	65	4	19	10	2.01	<15	2.12	33	33	0.54	530	<4
LUDG017	489	2	1.00	72	5	18	12	1.94	<15	2.07	36	22	0.56	604	<4
LUDG018	545	2	1.12	80	6	22	11	2.24	<15	1.86	43	27	0.62	598	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	2A	ZR
LUDF043	C.73	11	12	453	31	5	208	9	2431	51	11	81	46
LUDF044	C.79	12	18	548	25	5	204	6	2110	46	12	102	44
LUDF045	C.05	4	8	75	45	1	38	<2	177	10	1	127	6
LUDF046	C.56	11	14	472	28	4	192	11	1513	35	9	106	34
LUDF047	0.81	13	17	511	516	6	222	7	2389	52	11	465	48
LUDF048	1.07	13	16	517	29	6	251	9	2643	57	13	73	52
LUDF049	C.82	11	18	616	12	6	187	7	2150	50	12	141	47
LUDF050	0.69	8	8	453	12	5	210	8	1823	43	10	257	41
LUDF051	1.02	14	12	890	31	6	225	17	2198	49	15	66	56
LUDF052	1.93	11	10	465	21	6	366	14	2889	58	15	68	45
LUDF053	1.60	15	14	618	28	7	358	10	3151	72	16	63	59
LUDF054	1.47	16	17	654	41	6	120	14	2865	65	15	81	55
LUDF055	1.48	21	15	429	36	8	352	16	4154	121	20	57	55
LUDF056	1.43	16	13	721	18	7	333	13	2937	69	16	81	55
LUDF057	1.77	18	8	498	39	6	389	15	2865	61	17	62	51
LUDF058	1.54	16	15	689	19	6	298	12	2661	57	16	74	55
LUDF059	1.08	13	18	636	32	7	222	10	2837	63	15	102	61
LUDF050	0.48	35	17	4327	10	3	384	10	1191	46	24	68	37
LUDF051	1.01	13	18	652	31	7	246	11	2764	62	13	62	55
LUDF052	1.08	12	15	710	25	6	254	5	2558	55	13	65	51
LUDF053	1.21	15	15	654	24	6	258	10	2578	55	15	77	57
LUDF054	1.05	12	17	647	38	6	262	18	2662	58	14	88	54
LUDF065	1.97	19	9	631	26	8	524	16	4114	90	20	82	40
LUDF066	1.56	14	9	504	29	5	255	19	2373	49	16	67	49
LUDF067	1.80	14	8	708	32	6	415	14	3300	60	14	72	45
LUDF068	C.59	10	6	391	118	5	201	6	1840	44	10	121	39
LUDF069	C.32	9	6	180	36864	6	298	<2	1066	78	14	29716	26
LUDF070	0.67	11	12	347	1832	5	218	6	1807	44	9	906	35
LUDF071	C.79	11	11	414	69	5	256	7	1780	39	10	118	35
LUDF072	C.99	11	14	646	33	5	264	12	2303	50	12	105	45
LUDFC73	C.70	12	19	737	333	7	204	10	2361	54	13	112	36
LUDF074	C.70	11	16	558	49	5	206	3	1990	43	11	161	37
LUDFC75	C.40	19	4	234	<10	3	310	4	1449	34	7	35	22
LUDFC76	0.52	15	9	292	<10	5	169	7	1900	59	9	42	26
LUDFC77	C.78	13	11	390	<10	5	243	12	2022	43	11	45	47
LUDFC78	0.87	16	17	434	<10	6	228	11	2838	78	13	65	53
LUDF079	1.04	21	17	425	102	8	417	17	5338	153	16	142	66
LUDG001	1.23	20	13	307	21	6	281	16	3028	68	18	64	63
LUDG002	1.03	39	20	330	31	9	251	19	10384	422	28	210	64
LUDG003	1.59	15	8	480	21	7	406	12	3201	78	16	64	40
LUDG004	1.49	17	11	592	16	10	437	14	4857	137	21	87	37
LUDG005	1.53	16	11	655	13	9	397	26	4209	140	20	88	40
LUDG006	1.36	20	12	422	26	7	318	15	4763	172	15	106	45
LUDG007	1.45	15	11	383	20	7	387	18	2759	64	17	67	38
LUDG008	1.22	16	10	225	22	5	262	17	2610	51	17	56	61
LUDG009	1.37	19	12	461	15	6	251	19	2537	49	18	65	66
LUDG010	1.21	15	7	539	20	7	337	12	2373	63	16	61	34
LUDG011	1.54	21	10	248	29	5	234	20	2354	54	20	61	51
LUDG012	1.34	16	8	217	25	5	193	15	1743	30	16	50	55
LUDG013	1.33	26	7	139	22	4	192	21	2128	32	22	50	66
LUDG014	1.39	15	12	261	17	6	271	16	2752	60	17	62	55
LUDG015	1.31	14	10	413	27	6	233	13	2337	44	17	71	60
LUDG016	1.50	14	11	310	11	5	246	5	2262	40	17	57	60
LUDG017	1.20	20	11	383	19	5	213	17	2071	38	20	63	63
LUDG018	1.27	14	11	362	22	6	248	16	2489	49	16	65	59

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-OP	CDCR	CON1	CON2	CON3	FORM
LUDG019	38.069	114.464	06	41880				4	1	1	2			8	QTRN
LUDG020	38.047	114.476	06	41880				3	1	1	2			8	QTRN
LUDG021	38.022	114.491	06	41880				4	1	1	2			8	QTRN
LUDG022	38.009	114.439	06	41880				4	1	1	2			8	QTRN
LUDG023	38.008	114.439	07	41880				4	1	1	2		8	5	QTRN
LUDG024	38.013	114.438	07	41880				4	1	1	2		8	5	TRTR
LUDG025	38.042	114.428	06	41880				4	1	1	2			8	QTRN
LUDG026	38.081	114.390	06	41880				4	1	1	2			8	QTRN
LUDG027	38.043	114.405	06	41880				4	1	1	2			8	QTRN
LUDG028	38.106	114.346	05	41980				4	1	1	2			8	QTRN
LUDG029	38.116	114.332	05	41980				4	1	1	2			8	TRTR
LUDG030	38.119	114.331	05	41980	9.0	210.00	2.20	4	4	3	2			8	TRTR
LUDG031	38.105	114.336	07	41980				4	1	1	2			5	TRTR
LUDG032	38.088	114.348	06	41980				4	1	1	2			8	QTRN
LUDG033	38.059	114.369	06	41980				4	1	1	2			8	QTRN
LUDG034	38.007	114.344	06	41980				4	1	1	2			8	QTRN
LUDG035	38.030	114.324	06	41980				4	1	1	2			8	QTRN
LUDG036	38.046	114.320	06	41980				4	1	1	2			8	QTRN
LUDG037	38.065	114.317	06	41980				4	1	1	2			8	QTRN
LUDG038	38.028	114.288	06	41980				4	1	1	2			8	QTRN
LUDG039	38.048	114.278	06	41980				4	1	1	2			8	QTRN
LUDG040	38.063	114.271	06	41980				4	1	1	2			8	QTRN
LUDG041	38.246	114.465	06	42680				4	1	1	2			8	QTRN
LUDG042	38.185	114.455	06	42680				4	1	1	2			8	QTRN
LUDG043	38.154	114.457	06	42680				4	1	1	2			8	QTRN
LUDG044	38.174	114.479	06	42680				4	1	1	2			8	QTRN
LUDG045	38.194	114.495	06	42680				4	1	1	2			8	QTRN
LUDG046	38.150	114.497	06	42680				4	1	1	2			8	QTRN
LUDG047	38.135	114.485	06	42680				4	1	1	2			8	QTRN
LUDG048	38.119	114.485	06	42680				4	1	1	2			8	QTRN
LUDG049	38.129	114.461	06	42680				4	1	1	2			8	QTRN
LUDG050	38.121	114.439	06	42680				4	1	1	2			8	QTRN
LUDG051	38.124	114.359	06	42680				4	1	1	2			5	TRTR
LUDG052	38.124	114.357	06	42680				4	1	1	2			5	TRTR
LUDG053	38.035	114.454	06	42780				4	1	1	2			8	TRTR
LUDG054	38.066	114.488	06	42780				4	1	1	2			8	TRTR
LUDG055	38.090	114.497	06	42780				4	1	1	2			8	QTRN
LUDG056	38.153	114.354	06	42780				4	1	1	2			2	TRTR
LUDG057	38.147	114.366	06	42780				4	1	1	2			2	QTRN
LUDG058	38.067	114.393	06	42780				4	1	1	2			8	QTRN
LUDG059	38.148	114.266	06	71380				4	1	1	2			8	QTRN
LUDG060	38.231	114.256	06	71380				4	1	1	2			8	QTRN
LUDG061	38.224	114.257	06	73180				4	1	1	2			8	QTRN
LUDG062	38.236	114.301	06	71380				4	1	1	2			8	QTRN
LUDH001	38.008	114.206	06	71280				4	1	1	2			8	QTRN
LUDH002	38.026	114.207	06	71280				4	1	1	2			8	QTRN
LUDH003	38.031	114.186	06	71280				4	1	1	2			8	QTRN
LUDH004	38.051	114.173	06	71280				4	1	1	2			8	QTRN
LUDH005	38.054	114.150	06	71280				4	1	1	2			8	QTRN
LUDH006	38.036	114.114	06	71280				4	1	1	2			8	QTRN
LUDH007	38.045	114.127	06	71280				4	1	1	2			8	QTRN
LUDH008	38.029	114.147	06	71280				4	1	1	2			8	QTRN
LUDH009	38.015	114.130	06	71280				4	1	1	2			8	QTRN
LUDH010	38.013	114.107	06	71280				4	1	1	2			8	QTRN
LUDH011	38.068	114.166	06	71280				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	MAP	U-FL	AG	AL	B
LUDG019	10		105.00	10	1	1	1	3	2	NJ1106	2.69	<2	6.87	23
LUDG020	10		105.00	10	1	1	1	3	3	NJ1106	2.54	<2	6.70	18
LUDG021	10		60.00	10	1	1	1	3	3	NJ1106	2.87	<2	5.51	17
LUDG022	10		50.00	10	1	1	1	3	3	NJ1106	3.71	<2	6.93	19
LUDG023	10		90.00	10	1	1	2	3	3	NJ1106	5.81	<2	7.19	33
LUDG024	10		105.00	10	1	1	1	3	2	NJ1105	4.41	<2	4.69	34
LUDG025	10		90.00	10	1	1	1	3	3	NJ1105	3.67	<2	7.21	18
LUDG026	10		95.00	10	1	1	1	3	3	NJ1106	2.49	<2	6.94	15
LUDG027	10		90.00	10	1	1	1	3	3	NJ1106	3.11	<2	6.55	15
LUDG028	10		75.00	10	1	1	1	2	2	NJ1106	2.63	<2	5.66	<10
LUDG029	10		100.00	02	1	1	2	2	2	NJ1106	3.60	<2	6.41	14
LUDG030	10	6.9	95.00	02	4	4	2	2	2	NJ1106	4.52	<2	6.44	<10
LUDG031	10		75.00	02	1	1	2	2	2	NJ1106	7.83	<2	7.04	22
LUDG032	10		90.00	10	1	1	1	2	2	NJ1106	8.46	<2	3.80	<10
LUDG033	10		100.00	10	1	1	1	2	2	NJ1106	2.68	<2	6.58	11
LUDG034	10		90.00	10	1	1	1	2	2	NJ1106	2.59	<2	7.11	20
LUDG035	10		50.00	10	1	1	1	3	3	NJ1106	3.19	<2	6.44	17
LUDG036	10		75.00	10	1	1	1	2	2	NJ1106	2.90	<2	6.69	20
LUDG037	10		80.00	10	1	1	1	3	3	NJ1106	3.10	<2	6.44	15
LUDG038	10		90.00	10	1	1	1	2	2	NJ1106	3.06	<2	5.88	11
LUDG039	10		90.00	10	1	1	1	3	3	NJ1106	3.34	<2	6.58	11
LUDG040	10		90.00	10	1	1	1	2	2	NJ1106	3.64	<2	6.24	14
LUDG041	10		80.00	10	1	1	1	2	3	NJ1106	2.62	<2	7.02	12
LUDG042	10		90.00	10	1	1	1	2	2	NJ1106	2.65	<2	7.18	14
LUDG043	10		80.00	10	1	1	1	2	2	NJ1106	2.67	<2	6.89	14
LUDG044	10		70.00	10	1	1	1	3	3	NJ1106	3.40	<2	7.21	14
LUDG045	10		90.00	10	1	1	1	3	3	NJ1106	3.43	<2	7.62	19
LUDG046	10		90.00	10	1	1	1	3	2	NJ1106	3.37	<2	7.11	17
LUDG047	10		100.00	10	1	1	1	3	3	NJ1106	2.54	<2	7.36	24
LUDG048	10		75.00	10	1	1	1	3	3	NJ1106	2.50	<2	7.08	21
LUDG049	10		70.00	10	1	1	1	3	3	NJ1106	2.30	<2	7.07	19
LUDG050	10		95.00	10	1	1	1	3	3	NJ1106	2.71	<2	7.09	18
LUDG051	10		150.00	04	1	1	4	2	2	NJ1106	4.29	<2	6.43	16
LUDG052	10		150.00	04	1	1	4	2	2	NJ1106	4.88	<2	7.35	20
LUDG053	10		50.00	10	1	1	1	3	2	NJ1106	3.66	<2	4.49	19
LUDG054	10		50.00	10	1	1	1	3	3	NJ1106	3.82	<2	6.70	20
LUDG055	10		50.00	10	1	1	1	3	3	NJ1106	4.16	<2	6.23	16
LUDG056	10		80.00	04	1	1	1	2	3	NJ1106	2.45	<2	6.77	16
LUDG057	10		80.00	10	1	1	1	2	3	NJ1106	3.24	<2	6.29	18
LUDG058	10		85.00	10	1	1	1	3	2	NJ1106	2.74	<2	6.85	19
LUDG059	10		120.00	10	1	1	1	3	3	NJ1106	3.11	<2	6.06	12
LUDG060	10		110.00	10	1	1	2	2	3	NJ1106	3.21	<2	6.62	15
LUDG061	10		95.00	10	1	1	2	2	3	NJ1106	3.17	<2	7.11	15
LUDG062	10		95.00	10	1	1	1	3	3	NJ1106	3.47	<2	6.70	17
LUDH001	10		75.00	10	1	1	1	3	3	NJ1106	2.69	<2	8.15	<10
LUDH002	10		70.00	10	1	1	1	3	3	NJ1106	1.90	<2	7.94	<10
LUDH003	10		65.00	10	1	1	1	3	3	NJ1106	3.68	<2	6.95	10
LUDH004	10		75.00	10	1	1	1	3	3	NJ1106	2.27	<2	8.18	15
LUDH005	10		80.00	10	1	1	1	3	3	NJ1106	3.52	<2	7.04	10
LUDH006	10		55.00	10	1	1	1	3	3	NJ1106	4.10	<2	7.18	<10
LUDH007	10		60.00	10	1	1	1	3	3	NJ1106	4.28	<2	7.00	<10
LUDH008	10		55.00	10	1	1	1	2	3	NJ1106	2.64	<2	6.23	<10
LUDH009	10		85.00	10	1	1	1	2	3	NJ1106	2.53	<2	6.78	11
LUDH010	10		75.00	10	1	1	1	2	3	NJ1106	2.82	<2	6.75	13
LUDH011	10		80.00	10	1	1	1	3	3	NJ1106	3.39	<2	6.86	20

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUDG019	454	2	2.08	68	5	18	8	1.93	<15	1.91	36	30	0.78	466	<4
LUDG020	500	2	1.74	69	4	17	7	1.86	<15	1.81	38	28	0.75	454	<4
LUDG021	482	1	6.23	57	5	23	11	2.06	<15	1.38	29	24	1.65	542	<4
LUDG022	560	2	2.03	51	5	15	9	1.78	<15	1.92	28	30	0.82	413	<4
LUDG023	513	2	1.65	75	9	20	11	2.43	<15	2.01	38	42	1.02	478	<4
LUDG024	380	1	6.90	60	5	16	10	1.70	<15	1.30	29	56	2.01	391	<4
LUDG025	554	2	1.55	70	6	20	10	2.36	<15	1.97	27	30	0.90	528	<4
LUDG026	565	2	1.24	75	7	27	10	2.90	<15	1.66	29	30	0.64	517	<4
LUDG027	526	2	3.06	75	6	20	8	2.44	<15	1.92	40	22	0.90	454	<4
LUDG028	527	1	3.75	75	15	38	8	5.45	<15	1.28	35	25	1.71	869	<4
LUDG029	596	1	1.71	76	9	28	14	2.83	<15	2.04	39	25	0.66	724	<4
LUDG030	510	1	2.35	83	15	64	7	5.19	<15	1.76	45	28	0.95	862	<4
LUDG031	366	2	0.73	71	17	19	13	6.62	<15	1.60	35	30	0.63	500	4
LUDG032	359	<1	1.41	169	34	111	<2	19.32	<15	0.87	95	15	0.66	2522	<4
LUDG033	603	1	1.79	99	11	31	8	3.75	<15	1.94	52	26	0.70	738	<4
LUDG034	696	2	1.49	72	8	21	18	2.57	<15	2.11	36	32	0.90	552	<4
LUDG035	615	2	1.25	79	8	22	11	2.24	<15	2.04	39	26	0.55	604	<4
LUDG036	564	2	1.34	91	9	36	11	3.32	<15	1.70	53	37	0.86	497	<4
LUDG037	594	2	1.17	73	7	29	11	2.59	<15	1.83	42	32	0.72	476	<4
LUDG038	608	1	1.24	99	9	30	9	3.04	<15	1.70	52	27	0.56	648	<4
LUDG039	586	1	1.70	82	9	27	9	2.73	<15	1.88	42	24	0.68	623	<4
LUDG040	533	2	1.12	101	7	24	11	2.24	<15	2.22	53	27	0.47	643	<4
LUDG041	766	2	1.62	85	7	18	12	2.32	<15	1.93	44	26	0.59	577	<4
LUDG042	704	2	1.43	111	8	21	10	2.69	<15	2.17	60	38	0.62	504	<4
LUDG043	720	2	1.20	80	6	19	11	2.08	<15	2.24	42	36	0.59	519	<4
LUDG044	740	2	1.52	74	7	16	12	2.25	<15	2.06	40	36	0.79	594	<4
LUDG045	752	2	1.59	78	7	22	13	2.63	<15	2.15	44	35	0.72	545	<4
LUDG046	695	2	1.47	86	6	22	10	2.38	<15	2.34	49	28	0.70	501	<4
LUDG047	750	2	1.21	71	6	23	14	2.16	<15	2.32	38	35	0.76	597	<4
LUDG048	723	2	1.20	82	7	27	15	2.49	<15	2.16	43	34	0.74	628	<4
LUDG049	681	2	1.65	83	7	21	14	2.26	<15	2.12	42	36	0.77	627	<4
LUDG050	686	2	1.24	72	6	22	13	2.21	<15	2.23	41	36	0.62	586	<4
LUDG051	333	2	1.09	99	5	17	8	1.98	<15	2.20	45	28	0.42	629	<4
LUDG052	403	3	1.01	87	5	16	9	1.77	<15	2.28	43	35	0.46	592	<4
LUDG053	415	1	2.19	46	<4	19	9	1.37	<15	1.40	24	41	2.86	384	<4
LUDG054	499	3	1.12	61	4	15	8	1.55	<15	2.35	23	25	0.52	489	<4
LUDG055	355	2	0.98	87	4	14	9	1.60	<15	2.11	45	32	0.40	613	<4
LUDG056	636	2	1.46	118	8	20	10	2.79	<15	2.08	60	34	0.74	777	<4
LUDG057	515	2	1.20	86	6	23	13	1.95	<15	1.92	43	25	0.57	556	<4
LUDG058	624	2	1.36	71	7	22	12	2.21	<15	2.26	38	38	0.61	507	<4
LUDG059	524	2	0.93	76	5	16	13	1.63	<15	2.11	40	30	0.40	521	<4
LUDG060	671	2	1.27	103	6	19	8	2.67	<15	2.05	55	34	0.62	550	<4
LUDG061	699	2	1.35	97	7	14	10	2.64	<15	1.92	50	22	0.70	679	<4
LUDG062	743	2	1.32	73	7	18	13	1.92	<15	1.99	38	30	0.57	666	<4
LUDH001	1114	1	2.81	94	8	12	6	3.32	<15	2.12	49	22	0.86	621	<4
LUDH002	1021	1	2.21	84	20	21	16	6.24	<15	1.74	42	21	0.98	1023	<4
LUDH003	446	4	1.86	46	4	11	7	1.68	<15	2.44	24	15	0.63	481	<4
LUDH004	614	2	2.34	77	9	20	8	3.10	<15	2.08	41	26	0.84	664	<4
LUDH005	711	2	1.07	110	7	16	14	2.58	<15	2.80	60	22	0.48	519	<4
LUDH006	739	2	1.04	112	6	15	16	2.62	<15	2.98	55	35	0.52	589	<4
LUDH007	723	2	1.03	104	6	15	15	2.41	<15	2.74	52	22	0.52	567	<4
LUDH008	715	2	1.14	72	5	16	13	2.05	<15	2.24	25	28	0.43	429	<4
LUDH009	739	2	1.25	85	6	20	15	2.14	<15	2.31	45	28	0.56	541	<4
LUDH010	735	2	1.25	85	7	20	15	2.17	<15	2.28	44	28	0.56	533	<4
LUDH011	682	2	2.49	81	6	17	10	2.26	<15	2.25	44	28	0.64	471	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUDG019	1.29	17	8	320	22	5	284	11	2151	43	17	55	59
LUDG020	1.29	15	8	301	20	5	271	17	2080	39	17	52	56
LUDG021	0.90	11	11	406	19	5	246	12	2333	45	17	71	55
LUDG022	1.22	14	10	342	12	5	306	11	1882	36	14	46	62
LUDG023	1.12	17	11	310	22	7	264	20	2507	56	18	63	73
LUDG024	0.66	12	7	334	10	4	423	17	1793	44	15	46	55
LUDG025	1.35	15	8	383	26	6	306	7	2603	57	16	62	66
LUDG026	1.10	16	10	274	16	6	245	13	3117	75	17	66	65
LUDG027	1.43	17	11	347	16	7	347	17	3080	78	18	57	80
LUDG028	0.97	21	14	458	19	11	261	8	6563	262	16	57	91
LUDG029	1.44	18	11	471	25	8	299	11	3686	108	18	67	91
LUDG030	1.31	22	17	436	10	12	316	24	6375	260	20	67	105
LUDG031	0.43	13	16	1726	20	9	459	11	2913	116	29	156	50
LUDG032	0.70	44	29	632	35	14	195	44	24279	1017	24	305	137
LUDG033	1.45	20	11	449	20	8	327	17	5024	160	18	76	89
LUDG034	1.36	12	14	759	21	9	301	8	3077	59	18	71	68
LUDG035	1.56	14	12	317	15	6	276	15	3012	64	18	56	72
LUDG036	1.20	14	16	246	21	7	240	11	3976	97	20	72	75
LUDG037	1.27	13	15	303	16	6	237	5	3145	70	17	65	69
LUDG038	1.36	14	12	281	20	7	282	14	3821	99	17	66	66
LUDG039	1.58	15	11	354	16	8	326	11	3828	95	17	61	69
LUDG040	1.61	16	12	362	22	6	238	13	2847	65	19	62	72
LUDG041	1.65	15	10	375	28	6	361	14	2890	63	17	62	53
LUDG042	1.70	18	10	328	24	7	331	14	3142	75	18	66	58
LUDG043	1.51	17	10	342	24	6	283	19	2605	53	18	56	61
LUDG044	1.53	12	9	548	16	7	329	15	2821	59	16	61	53
LUDG045	1.59	15	11	436	21	8	345	13	3008	67	17	67	59
LUDG046	1.59	20	11	312	18	6	289	12	2901	62	17	55	66
LUDG047	1.46	17	14	425	18	7	268	10	2632	49	17	65	70
LUDG048	1.44	18	15	422	20	7	265	17	3163	63	18	72	74
LUDG049	1.28	20	13	429	21	7	262	15	2716	55	20	66	69
LUDG050	1.51	17	11	394	14	6	278	11	2786	54	15	64	69
LUDG051	1.52	23	6	230	31	5	198	25	2333	53	20	64	68
LUDG052	1.75	21	7	183	26	5	214	22	2169	42	21	60	73
LUDG053	0.95	9	5	280	14	4	236	11	1725	36	12	45	54
LUDG054	1.63	18	6	248	23	5	237	17	1942	33	15	52	61
LUDG055	1.56	19	6	218	28	5	175	18	2042	36	22	55	62
LUDG056	1.39	24	9	379	19	7	281	22	3386	77	22	72	62
LUDG057	1.35	18	12	335	27	6	245	21	2814	51	21	56	73
LUDG058	1.56	15	13	376	21	6	284	19	2796	50	18	55	76
LUDG059	1.58	16	7	277	29	5	208	22	2225	39	19	52	63
LUDG060	1.41	21	9	219	14	6	272	13	3310	73	18	65	77
LUDG061	1.30	21	8	339	13	7	314	22	3199	68	20	65	75
LUDG062	1.43	14	10	431	19	6	301	17	2527	48	16	57	75
LUDH001	1.75	11	5	503	16	8	498	16	3991	93	14	70	53
LUDH002	1.37	13	10	926	19	12	596	9	7669	216	15	85	106
LUDH003	1.14	21	6	431	23	4	565	20	1788	40	18	52	85
LUDH004	2.10	18	8	393	17	8	524	14	3733	95	20	65	86
LUDH005	1.83	17	9	734	27	5	347	22	3152	69	17	57	87
LUDH006	1.91	16	12	689	21	5	335	22	3109	68	17	65	85
LUDH007	1.75	16	10	655	30	5	328	22	2921	63	17	62	83
LUDH008	1.51	12	7	361	21	4	360	9	2675	54	14	58	62
LUDH009	1.62	14	11	490	17	5	368	12	3010	55	16	54	70
LUDH010	1.59	14	12	487	22	5	368	13	2991	56	16	53	70
LUDH011	1.77	16	9	402	19	5	406	17	2605	60	15	52	69

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	LAT	LONG	NTYP	DAY	WTEM	COND	ALK	SIZE	WIDE	S-DP	CDCR	CON1	CON2	CON3	FORM
LUDH012	38.080	114.144	06	71280				4	1	1	2			8	QTRN
LUDH013	38.092	114.155	05	71280				4	1	1	2			8	QTRN
LUDH014	38.110	114.143	06	71280				4	1	1	2			8	QTRN
LUDH015	38.128	114.135	06	71280				4	1	1	2			8	QTRN
LUDH016	38.114	114.165	06	71280				4	1	1	2			8	QTRN
LUDH017	38.115	114.181	06	71280				4	1	1	2			8	QTRN
LUDH018	38.111	114.215	06	71280				4	1	1	2			8	QTRN
LUDH019	38.150	114.162	06	71380				4	1	1	2			8	QTRN
LUDH020	38.175	114.146	06	71380				4	1	1	2			8	QTRN
LUDH021	38.190	114.131	06	71380				4	1	1	2			8	QTRN
LUDH022	38.159	114.136	06	71380				4	1	1	2			8	QTRN
LUDH023	38.137	114.179	06	71380				4	1	1	2			8	QTRN
LUDH025	38.143	114.212	06	71380				4	1	1	2			8	QTRN
LUDH026	38.164	114.193	06	71380				4	1	1	2			8	QTRN
LUDH027	38.158	114.231	06	71380				4	1	1	2			8	QTRN
LUDH028	38.174	114.215	06	71380				4	1	1	2			8	QTRN
LUDH029	38.187	114.180	06	71380				4	1	1	2			8	QTRN
LUDH030	38.211	114.174	06	71380				4	1	1	2			8	QTRN
LUDH031	38.230	114.159	06	71380				4	1	1	2			8	QTRN
LUDH032	38.214	114.221	06	71380				4	1	1	2			8	QTRN
LUDH033	38.218	114.195	06	71380				4	1	1	2			8	QTRN
LUDH034	38.248	114.191	06	71380				4	1	1	2			8	QTRN
LUDH035	38.231	114.190	06	71380				4	1	1	2			8	QTRN
LUDH036	38.204	114.202	06	71380				4	1	1	2			8	QTRN
LUDH037	38.240	114.247	06	71380				4	1	1	2			8	QTRN
LUDH038	38.234	114.015	06	71480				4	1	1	2			8	QTRN
LUDH039	38.230	114.049	06	71480				4	1	1	2			8	QTRN
LUDH040	38.217	114.020	06	71480				4	1	1	2			8	QTRN
LUDH041	38.184	114.051	06	71480				4	1	1	2			8	QTRN
LUDH042	38.187	114.025	06	71480				4	1	1	2			8	QTRN
LUDH043	38.174	114.031	06	71480				4	1	1	2			8	QTRN
LUDH044	38.154	114.043	06	71480				4	1	1	2			8	QTRN
LUDH045	38.137	114.050	06	71580				4	1	1	2			8	QTRN
LUDH046	38.115	114.049	06	71580				4	1	1	2			8	QTRN
LUDH047	38.118	114.029	06	71580				4	1	1	2			8	QTRN

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	TOT	PH	SCIN	RTYP	FLOW	SLVL	RELF	TVEG	DVEG	NAP	U-FL	AG	AL	B
LUDH012	10		75.00	10	1	1	1	3	3	NJ1106	2.00	<2	6.99	20
LUDH013	10		75.00	10	1	1	1	3	3	NJ1106	2.42	<2	6.43	17
LUDH014	10		75.00	10	1	1	1	3	3	NJ1106	2.30	<2	6.89	18
LUDH015	10		80.00	10	1	1	1	3	3	NJ1106	3.06	<2	6.85	17
LUDH016	10		70.00	10	1	1	1	3	3	NJ1106	3.50	<2	7.00	24
LUDH017	10		100.00	10	1	1	1	3	3	NJ1106	3.85	<2	6.66	18
LUDH018	10		100.00	10	1	1	1	3	3	NJ1106	3.30	<2	6.67	17
LUDH019	10		100.00	10	1	1	1	3	3	NJ1106	1.63	<2	7.19	19
LUDH020	10		80.00	10	1	1	1	3	3	NJ1106	2.02	<2	6.98	21
LUDH021	10		70.00	10	1	1	1	3	3	NJ1106	2.61	<2	6.81	19
LUDH022	10		75.00	10	1	1	1	2	3	NJ1106	3.28	<2	5.18	22
LUDH023	10		100.00	10	1	1	1	3	3	NJ1106	4.63	<2	6.96	24
LUDH025	10		110.00	10	1	1	1	3	3	NJ1106	2.55	<2	6.41	23
LUDH026	10		110.00	10	1	1	1	3	3	NJ1106	4.47	<2	7.35	16
LUDH027	10		160.00	10	1	1	2	2	3	NJ1106	3.06	<2	6.71	16
LUDH028	10		90.00	10	1	1	1	3	3	NJ1106	1.58	<2	6.91	19
LUDH029	10		80.00	10	1	1	1	3	3	NJ1106	2.42	<2	6.42	22
LUDH030	10		100.00	10	1	1	1	3	3	NJ1106	1.67	<2	6.77	15
LUDH031	10		85.00	10	1	1	1	3	3	NJ1106	2.03	<2	7.11	16
LUDH032	10		120.00	10	1	1	2	2	3	NJ1106	2.25	<2	6.41	24
LUDH033	10		100.00	10	1	1	1	3	3	NJ1106	2.05	<2	6.54	13
LUDH034	10		75.00	10	1	1	1	3	3	NJ1106	1.73	<2	7.28	13
LUDH035	10		80.00	10	1	1	1	3	3	NJ1106	1.72	<2	7.46	<10
LUDH036	10		75.00	10	1	1	1	3	3	NJ1106	3.05	<2	6.57	16
LUDH037	10		80.00	10	1	1	1	3	3	NJ1106	5.09	<2	7.23	26
LUDH038	10		120.00	10	1	1	1	2	3	NJ1106	1.52	<2	7.24	27
LUDH039	10		70.00	10	1	1	2	2	3	NJ1106	1.77	<2	6.06	19
LUDH040	10		120.00	10	1	1	1	2	3	NJ1106	1.55	<2	6.78	17
LUDH041	10		160.00	10	1	1	1	2	3	NJ1106	1.50	<2	6.62	20
LUDH042	10		150.00	10	1	1	2	2	3	NJ1106	1.71	<2	6.41	18
LUDH043	10		120.00	10	1	1	1	3	3	NJ1106	1.50	<2	6.73	21
LUDH044	10		120.00	10	1	1	1	3	3	NJ1106	1.61	<2	7.12	15
LUDH045	10		110.00	10	1	1	1	2	3	NJ1106	2.26	<2	7.70	18
LUDH046	10		95.00	10	1	1	2	2	3	NJ1106	2.35	<2	7.11	17
LUDH047	10		90.00	10	1	1	2	2	3	NJ1106	1.38	<2	7.22	18

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	BA	BE	CA	CE	CO	CR	CU	FE	HF	K	LA	LI	MG	MN	MO
LUDH012	682	2	2.42	79	5	15	9	2.20	<15	2.52	43	30	0.62	463	<4
LUDH013	751	1	2.85	70	5	17	10	2.31	<15	2.10	37	30	0.79	441	<4
LUDH014	826	2	3.73	69	6	17	11	2.05	<15	2.13	36	32	0.86	442	<4
LUDH015	689	2	2.09	67	7	19	12	2.42	<15	2.20	36	35	0.86	497	<4
LUDH016	730	2	3.03	62	6	17	13	2.15	<15	2.14	33	38	0.89	544	<4
LUDH017	538	2	1.45	73	4	18	7	2.03	<15	2.26	40	34	0.62	474	<4
LUDH018	654	2	1.18	63	6	20	14	2.00	<15	2.31	33	31	0.60	622	<4
LUDH019	655	2	2.09	69	6	17	10	2.03	<15	2.12	36	37	0.79	481	<4
LUDH020	737	2	1.51	70	6	19	14	2.10	17	2.13	35	36	0.86	553	<4
LUDH021	619	2	1.35	67	6	18	13	2.01	<15	1.72	36	26	0.74	497	<4
LUDH022	560	1	1.85	57	7	17	9	1.76	<15	1.45	30	24	0.72	428	<4
LUDH023	534	3	1.44	55	4	11	7	1.54	<15	2.45	30	37	0.65	468	<4
LUDH025	502	2	1.42	60	5	17	11	1.70	16	2.25	30	35	0.82	441	<4
LUDH026	542	4	1.50	115	5	16	8	2.06	<15	2.43	55	45	0.66	585	<4
LUDH027	544	3	1.05	124	6	21	11	2.54	<15	2.25	65	36	0.53	615	<4
LUDH028	538	3	1.15	66	4	16	11	1.79	<15	2.52	34	40	0.65	466	<4
LUDH029	658	2	1.73	65	7	20	15	2.28	<15	1.87	36	32	0.87	493	<4
LUDH030	754	1	1.61	78	9	18	12	2.92	<15	1.82	41	27	0.70	640	<4
LUDH031	801	1	1.64	75	8	17	11	3.12	<15	1.98	39	30	0.74	671	<4
LUDH032	547	3	1.40	84	6	19	11	2.35	<15	1.75	40	36	0.72	544	<4
LUDH033	662	1	1.94	82	9	33	9	3.37	<15	1.85	44	30	0.91	633	<4
LUDH034	794	1	2.02	96	11	25	10	3.59	<15	1.84	48	26	0.96	604	<4
LUDH035	791	1	2.24	90	12	27	7	4.25	<15	1.72	47	26	1.07	654	<4
LUDH036	548	3	1.46	159	8	24	6	3.25	<15	2.03	79	35	0.67	622	<4
LUDH037	352	5	1.00	76	<4	10	10	1.59	<15	2.55	37	47	0.57	540	<4
LUDH038	723	2	1.46	91	7	25	16	2.56	<15	1.86	50	34	0.83	541	<4
LUDH039	728	1	1.04	71	5	20	14	1.79	<15	2.19	37	27	0.54	511	<4
LUDH040	880	1	1.42	102	10	20	19	2.67	<15	2.03	51	30	0.64	694	<4
LUDH041	772	1	1.27	95	8	21	14	2.69	<15	1.99	49	25	0.60	691	<4
LUDH042	760	1	1.27	94	7	22	16	2.74	<15	1.85	46	27	0.60	683	<4
LUDH043	604	2	1.18	83	7	22	14	2.34	<15	2.07	45	28	0.57	614	<4
LUDH044	692	2	1.34	83	9	21	18	2.89	<15	2.09	41	45	0.74	604	<4
LUDH045	693	2	1.58	66	8	22	17	2.81	<15	2.03	36	45	0.77	523	<4
LUDH046	646	1	1.58	69	7	20	18	2.62	<15	2.07	35	37	0.87	582	<4
LUDH047	660	1	1.61	78	8	22	18	2.67	<15	2.10	42	38	0.89	598	<4

Table 4, Continued

DATA LISTING FOR SEDIMENTS OF THE LUND QUADRANGLE

SAMPLE	NA	NB	NI	P	PB	SC	SR	TH	TI	V	Y	ZA	ZR
LUDH012	1.96	14	8	387	20	5	410	13	2528	58	15	51	65
LUDH013	1.29	11	9	537	14	5	351	12	2820	60	14	51	66
LUDH014	1.36	12	12	488	21	5	346	14	2568	49	14	52	67
LUDH015	1.42	12	12	665	15	6	347	14	3017	63	15	55	69
LUDH016	1.55	12	8	570	13	6	421	10	2615	54	16	51	63
LUDH017	1.70	16	8	256	16	5	283	5	2545	58	17	50	69
LUDH018	1.65	15	11	392	19	5	272	12	2776	48	17	68	75
LUDH019	1.66	14	10	345	19	6	391	18	2321	54	16	47	63
LUDH020	1.45	14	14	592	23	6	333	16	2515	52	16	56	71
LUDH021	1.05	15	9	572	23	6	259	14	2191	51	16	55	65
LUDH022	0.85	11	8	455	16	5	251	12	1949	53	14	44	65
LUDH023	1.68	19	6	282	19	4	281	13	1758	55	21	46	81
LUDH025	1.32	15	12	405	15	4	219	17	1957	33	17	52	74
LUDH026	1.83	28	5	272	27	6	291	31	2365	49	28	56	75
LUDH027	1.68	22	9	261	30	5	250	28	2996	50	20	66	72
LUDH028	1.78	18	8	323	23	4	269	16	2067	33	19	54	76
LUDH029	1.15	15	12	598	<10	7	288	11	2811	53	18	67	77
LUDH030	1.36	17	12	534	10	8	348	12	3686	30	16	62	61
LUDH031	1.58	15	10	593	<10	8	359	8	3703	30	16	71	60
LUDH032	1.44	20	10	372	<10	6	245	20	2632	49	24	75	73
LUDH033	1.41	16	10	313	<10	8	352	11	3787	122	18	67	60
LUDH034	1.33	16	11	489	<10	10	587	11	4476	125	20	75	57
LUDH035	1.39	15	10	470	<10	12	633	19	5056	155	21	82	54
LUDH036	1.53	27	8	295	13	7	290	26	4077	97	27	83	73
LUDH037	1.69	33	8	268	17	5	171	26	1644	29	42	72	77
LUDH038	1.13	13	16	516	<10	8	250	19	3042	52	21	65	108
LUDH039	1.34	15	10	380	17	6	245	18	2969	44	16	61	77
LUDH040	1.48	14	15	615	12	7	348	17	3865	68	19	81	105
LUDH041	1.40	15	13	524	<10	7	309	14	4694	68	19	76	93
LUDH042	1.30	16	10	505	<10	7	303	13	4788	69	18	81	93
LUDH043	1.48	14	12	484	<10	7	299	10	3614	57	19	67	84
LUDH044	1.23	14	12	604	<10	9	303	13	3440	74	18	71	55
LUDH045	1.38	11	13	613	<10	9	340	15	3347	69	17	65	57
LUDH046	1.41	11	10	752	<10	9	334	6	3490	69	17	70	52
LUDH047	1.43	13	11	761	<10	9	340	8	3530	71	18	72	54

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 Lund is LU. 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	4 = Sand	7 = Organic Muck
2 = Cobbles	5 = Silt	8 = Other
3 = Pebbles	6 = Clay	

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.

TQT = 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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APPENDIX

MICROFICHE OF FIELD AND LABORATORY DATA

APPENDIX

MICROFICHE OF FIELD AND LABORATORY DATA

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LUND QUADRANGLE
BASIC DATA

10/29/81

PAGE 1

NOTE: DUE TO THE HIGH DENSITY OF SAMPLES, LOCATIONS OF THE FOLLOWING SAMPLES ARE INDICATED BY THE SYMBOL ONLY (SEE LEGEND FOR SYMBOL IDENTIFICATION).

[illegible]

LEGEND

- STREAM SEDIMENT

PLATE 1
LUND QUADRANGLE
SEDIMENT SAMPLE
LOCATION MAP
SRL SAMPLE IDENTIFIER
SCALE 1: 250000
1794 SAMPLES PLOTTED