TABLE 2

SUMMARY OF ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
LANDSCAPING

BORING	SAMPLE DEPTH	TPH-S	PCB	VOC	SVOC
L1	S	<10	ND	ND	ND
	2	<10	ND	ND	ND
L2	S	<10	—	ND	1.08
	2	<10	—	ND	2.54
L3	S	<10	ND	ND	ND
	2	<10	0.054 (1254)	ND	ND
L4	S	<10	—	ND	6.61
	2	<10	—	ND	ND
L5	S	<10	0.096 (1260)	ND	0.95
	2	<10	ND	ND	ND
L6	S	<10	—	ND	2.43
	2	<10	—	ND	2.44
L7	S	NS	0.077 (1250&1260)	ND	ND
L8	S	<10	—	ND	ND
	2	<10	—	ND	ND
L9	S	<10	ND	ND	ND
	2	<10	ND	ND	ND
L10	S	<10	—	ND	ND
	2	<10	—	ND	ND
L11	S	<10	0.13 (1260)	ND	ND
	2	<10	ND	ND	ND
L12	S	<10	—	ND	ND
	2	<10	—	ND	ND
L13	S	<10	ND	ND	ND
	2	<10	ND	ND	ND
L14	S	<10	—	ND	ND
	2	<10	—	ND	ND
L15	S	—	—	ND	13.90
	2	—	—	0.001	22.77

Notes:

All concentrations are presented in milligrams per kilogram unless noted

Sample depth in feet below ground surface

S = Surface.

ND = Not Detected

— = Not Analyzed

TPH-S = Total Petroleum Hydocarbon Speciation

VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)

VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants.

NS = Not sufficient sample to run analyses

SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)

SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants.

PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parantheses)

TABLE 5

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
RETAINING WALL

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
B-1	S	<5.0	<5.0	220	<0.5	0.6	27	12	36	160 (4.9)	0.21	<2.5	26	<2.5	<0.5	<5.0	22	180
	2	<5.0	<5.0	150	<0.5	2.8	15	7.2	13	51 (1.7)	0.11	<2.5	17	<2.5	<0.5	<5.0	15	360
B-2	S	<5.0	<5.0	220	<0.5	1	22	9.7	45	**290 (11) {0.15}**	0.23	<2.5	25	<2.5	<0.5	<5.0	22	240
B-3	S	<5.0	5.1	200	<0.5	1.4	40	16	57	**120 (6.8) {ND}***	0.21	<2.5	37	<2.5	<0.5	<5.0	25	340
	3	<5.0	<5.0	140	<0.5	0.6	15	5.5	86	99 (3.8)	0.1	<2.5	26	<2.5	<0.5	<5.0	15	150
B-4	S	<5.0	<5.0	160	<0.5	0.9	36	10	36	**170 (10) {ND}***	0.22	<2.5	31	<2.5	<0.5	<5.0	26	170
	1	<5.0	<5.0	180	<0.5	<0.5	23	12	24	65 (2.4)	0.13	<2.5	30	<2.5	<0.5	<5.0	22	70
B-5	S	<5.0	<5.0	180	<0.5	0.7	35	13	38	**110 (6.3) {ND}***	0.2	<2.5	35	<2.5	<0.5	5.4	29	120
B-6	S	<5.0	<5.0	200	<0.5	0.9	29	16	48	**520 (24) {0.06}**	0.17	<2.5	36	<2.5	<0.5	5.1	31	190
B-7	S	<5.0	5.1	230	<0.5	0.8	24	15	39	100 (4.8)	0.15	<2.5	42	<2.5	<0.5	6.5	26	180
B-8	S	<5.0	<5.0	100	<0.5	1.1	26	5.6	44	**1,800 (150) {1.2}**	0.18	<2.5	24	<2.5	<0.5	<5.0	21	350
B-9	S	<50	<50	150	<5.0	<5.0	35	18	45*	13*	1.3	<25	42	<25	<5.0	<50	49	410
	3	<5.0	5.2	110	<0.5	0.7	26	5.2	130	200 (NS)	3.5 (0.014)	<2.5	20	<2.5	<0.5	<5.0	20	270
B-10	S	<5.0	<5.0	84	<0.5	0.7	21	5.9	110	**140 (15) {1.5}***	2.1	<2.5	23	<2.5	<0.5	<5.0	19	300
	3	<5.0	7	53	<0.5	<0.5	14	2.1	29	**440 (21) {0.53}***	0.77	<2.5	10	<2.5	<0.5	<5.0	9.2	1200
	6	<5.0	<5.0	59	<0.5	<0.5	24	5.3	32	**360 (14) {2.6}**	2.9	<2.5	15	<2.5	<0.5	<5.0	17	77
B-11	S	<5.0	<5.0	52	<0.5	0.5	30	5.7	36	**350 (25) {0.55}***	0.27	<2.5	23	<2.5	<0.5	<5.0	24	100
	2.5	<5.0	9.1	100	<0.5	0.7	32	7.8	62	**380 (23) {0.87}***	1.3	<2.5	28	<2.5	<0.5	<5.0	24	170
B-13	1	ND	11	70	ND	ND	38	8.2	37	**260 (12) {0.69}**	0.64	ND	36	ND	22	ND	35	94
	3	ND	11	49	ND	ND	23	2.7	20	10	ND	ND	23	ND	ND	ND	30	31
	6	ND	11	130	ND	ND	19	5.8	16	11	ND	ND	23	ND	ND	ND	21	42
B14	1	ND	38	290	ND	ND	22	11	360	37*	0.83	11	38	ND	ND	ND	40	700
	3	ND	39	12	ND	ND	24	24	100	11	2.9 (ND)	ND	24	ND	ND	ND	45	15
	6	ND	5.1	9.9	ND	ND	39	4.4	3.7	ND	1.6	ND	19	ND	ND	ND	36	19

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
B-15	1	ND	9.5	250	ND	ND	18	8.6	18	49	0.42	6.0	25	ND	ND	ND	26	51
	3	ND	8.9	78	ND	ND	44	6.0	25	82 (ND)	ND	5.7	25	ND	ND	ND	39	75
	6	ND	5.4	16	ND	ND	41	4.8	ND	ND	ND	ND	22	ND	ND	ND	34	21
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:
<0.01 = not detected at or above the laboratory detection limits
Metals are designated by their symbol on the periodic table of elements.
All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.
(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)
{3.3} = Soluble concentration after a TCLP, presented in mg/l.
NS = Not sufficient sample to analyze
TTLC = total threshold limit concentration
STLC = soluable threshold limit concentration.
ND = Not Detected.
S = Surface.
* = Soil sample resampled and reanalyzed
Depth in feet below surface grade.

TABLE 7

SUMMARY OF ANALYTICAL RESULTS: VOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Retaining Walls

Boring	Depth	Benzene	n-Butylbenzene	cis-1,2-Dichloroethene	Chlorobenzene	Carbon disulfide	Ethylbenzene	Isopropylbenzene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl chloride	Total Xylenes	Total VOCs
B14	1	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND	67	85
B14	3	2	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	4

Notes:

Depth is in feet below ground surface

S= Surface

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported in micrograms per kilogram (ug/kg).

TABLE 8

SUMMARY OF ANALYTICAL RESULTS: SVOC COMPOUNDS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE

Retaining Walls

Boring	Depth	Acenaphthene	Anthracene	Benz(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Chrysene	Dibenz(ah)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Pyrene	Dibenzofuran	Total SVOCs
PRG		2,800,000	22,000,000	3,800	3,800	36,000	360	360,000	360	37,000,000	22,000,000	3600	190,000	26,000,000	3,200,000	
B-6	S	ND	ND	ND	ND	ND	ND	ND	ND	330	ND	ND	ND	ND	ND	330
B-9	S	ND	ND	380	370	ND	410	ND	ND	870	ND	ND	ND	2,000	ND	4,267
B-14	1	ND	ND	ND	4,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,900
B-14	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	35

Notes:

PRG=Preliminary Remedial Goal as stated for Industrial Soil (US EPA Region IX).

All detected SVOC compounds with a published PRG are presented in this table. Total SVOCs includes compounds that do not have a published PRG.

ND = Not detected at or above the laboratory detection limits stated in laboratory reports.

All samples are reported as total concentration in micrograms per kilogram (ug/kg).

Results in bold type are above their respective PRG for that compound.

S = Surface.

Depth in feet below ground surface.

TABLE 9

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
SEISMIC RETROFIT

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
R1-1	Surface	<5.0	<5.0	29	<0.5	<0.5	17	4.5	4.8	130 (5.5) {0.15}	<0.05	<2.5	17	<2.5	<0.5	<5.0	14	21
	2	<5.0	<5.0	130	<0.5	0.5	22	12	19	43	0.05	<2.5	28	<2.5	<0.5	<5.0	21	62
	4	<5.0	6.8	300	0.7	<0.5	17	19	29	27	0.1	<2.5	32	<2.5	<0.5	7.4	19	69
	10	<5.0	<5.0	83	<0.5	<0.5	26	7.4	14	5.9	<0.05	<2.5	19	<2.5	<0.5	<5.0	31	41
R1-2	Surface	<5.0	9.5	120	<0.5	0.5	25	7.9	31	56 (2.1)	0.07	<2.5	26	<2.5	<0.5	6	25	75
	2	<5.0	6.3	170	<0.5	<0.5	22	9.3	23	34	0.12	<2.5	32	<2.5	<0.5	6.4	24	75
	4	<5.0	8.4	270	0.6	0.5	24	17	52	20	0.05	<2.5	39	<2.5	<0.5	8.6	25	91
	10	<5.0	5.8	300	0.6	<0.5	20	19	28	20	0.07	<2.5	36	<2.5	<0.5	8.4	22	78
R2-1	Surface	<5.0	<5.0	140	<0.5	<0.5	29	10	19	37	0.08	<2.5	28	<2.5	<0.5	<5.0	30	55
	3	<5.0	<5.0	210	0.7	0.6	24	18	35	22	0.06	<2.5	39	8.1	<0.5	<5.0	24	85
	5	<5.0	5.8	290	0.8	0.7	25	15	33	19	0.05	<2.5	41	<2.5	<0.5	5.8	26	86
	10	<5.0	10	84	0.5	0.7	22	4.6	25	8.4	0.09	<2.5	29	<2.5	<0.5	<5.0	26	57
	15	<5.0	5.3	200	0.5	<0.5	23	11	32	21	0.09	<2.5	37	<2.5	<0.5	<5.0	23	77
	20	<5.0	<5.0	50	0.5	<0.5	20	5.2	18	8.1	<0.05	<2.5	18	<2.5	<0.5	<5.0	25	40
R2-2	Surface	<5.0	<5.0	140	<0.5	0.7	31	8	42	170 (8.6) {0.49}	0.28	<2.5	26	<2.5	<0.5	<5.0	28	140
	3	<5.0	<5.0	280	0.7	0.8	23	15	38	140 (2.0)	0.08	<2.5	40	<2.5	<0.5	<5.0	23	94
	5	<5.0	7.3	310	0.6	0.7	20	16	27	290 (14) {0.16}	<0.05	<2.5	36	<2.5	<0.5	6	21	110
	10	<5.0	<5.0	300	0.6	0.5	18	15	25	14	0.05	<2.5	34	<2.5	<0.5	<5.0	19	69
	15	<5.0	5.2	400	0.7	<0.5	23	22	31	56 (2.4)	0.05	<2.5	51	<2.5	<0.5	5.6	23	95
	20	<5.0	6.5	480	<0.5	0.9	27	13	180	660 (45) {0.34}	0.57	<2.5	32	<2.5	<0.5	<5.0	22	380
	25	<5.0	7.2	190	0.5	0.5	23	14	32	17	<0.05	<2.5	41	<2.5	<0.5	7.3	23	83
	30	<5.0	6	120	<0.5	0.7	42	8	16	22	0.13	<2.5	30	<2.5	<0.5	<5.0	36	51
	35	<5.0	<5.0	300	0.7	0.6	19	15	26	63 (3.4)	0.16	<2.5	34	<2.5	<0.5	5.2	20	140
	40	<5.0	<5.0	120	<0.5	0.5	31	11	13	18	0.09	<2.5	28	<2.5	<0.5	<5.0	32	49
	45	<5.0	<5.0	120	0.5	0.6	63	15	14	7.3	0.18	<2.5	48	<2.5	<0.5	5.1	49	58
	50	<5.0	<5.0	170	0.6	<0.5	22	8.2	20	17	0.09	<2.5	24	<2.5	<0.5	<5.0	26	55
	55	<5.0	5.8	310	0.6	0.6	21	11	24	15	0.08	<2.5	31	<2.5	<0.5	<5.0	22	65

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
R3-1	Surface	<5.0	<5.0	110	<0.5	0.6	36	7.6	23	76 (6.0) {0.19}	0.17	<2.5	30	<2.5	<0.5	<5.0	33	83
	2	<5.0	<5.0	110	<0.5	<0.5	60 (0.3)	10	17	25	0.08	<2.5	39	<2.5	<0.5	<5.0	41	49
	5	<5.0	6	180	0.5	0.7	43	11	45	140 (7.2) {0.13}	0.2	<2.5	40	<2.5	<0.5	5.6	35	110
	10	<5.0	<5.0	20	<0.5	<0.5	0.7	<1.0	<2.5	2	0.12	<2.5	1.2	<2.5	<0.5	<5.0	0.8	2.7
	15	<5.0	13	320	0.6	0.7	25	14	48	72 (6.0) {<0.02}	0.14	<2.5	38	<2.5	<0.5	8.3	25	110
	20	<5.0	8	270	0.5	0.6	21	18	27	35	0.07	<2.5	40	<2.5	<0.5	7.1	22	77
	25	<5.0	7.9	250	0.6	0.6	26	19	28	13	0.08	<2.5	44	<2.5	<0.5	7.7	27	77
R3-2	Surface	<5.0	5.6	75	<0.5	0.6	32	11	14	33	0.06	<2.5	28	<2.5	<0.5	10	39	60
	2	<5.0	5.3	260	<0.5	0.9	22	11	28	110 (6.4) {0.19}	0.19	<2.5	27	<2.5	<0.5	7.5	29	130
	4	<5.0	<5.0	380	0.6	<0.5	11	9.5	13	42	0.16	<2.5	18	<2.5	<0.5	3.7	15	66
	15	<5.0	10	230	0.7	0.8	26	16	45	120 (8.1) {0.18}	0.14	<2.5	41	<2.5	<0.5	5.8	25	150
	20	<5.0	12	260	0.6	0.7	23	17	33	15	0.09	<2.5	40	<2.5	<0.5	8.4	25	85
	25	<5.0	8.6	270	0.7	0.7	25	20	37	74 (5.3) {0.10}	0.09	<2.5	44	<2.5	<0.5	8.5	27	92
	30	---	---	---	---	---	---	---	---	36	---	---	---	---	---	---	---	---
R4-1	Surface	<5.0	6.3	170	<0.5	0.6	24	10	28	63 (4.5)	0.48	<2.5	27	<2.5	<0.5	<5.0	22	73
	2	<5.0	6.6	220	<0.5	0.7	33	14	33	80 (5.2) {0.04}	0.08	<2.5	40	<2.5	<0.5	7.2	28	95
	5	<5.0	<5.0	120	<0.5	<0.5	37	16	16	61 (2.1)	0.13	<2.5	29	<2.5	<0.5	<5.0	28	61
	10	<5.0	<5.0	91	<0.5	<0.5	54 (1.7)	8.7	10	25	0.06	<2.5	31	<2.5	<0.5	<5.0	43	37
	15	<5.0	<5.0	170	<0.5	<0.5	41	11	26	43	0.13	<2.5	35	<2.5	<0.5	<5.0	34	83
	20	<5.0	<5.0	320	0.5	<0.5	15	10	12	47	0.21	<2.5	20	<2.5	<0.5	<5.0	20	52
	25	<5.0	5.1	350	0.9	0.6	21	7.5	31	14	0.07	<2.5	31	<2.5	<0.5	6.5	21	67

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
R5-1	Surface	<5.0	<5.0	130	<0.5	<0.5	27	9.4	20	49	0.19	<2.5	28	<2.5	<0.5	<5.0	22	76
	2	<5.0	5.2	170	<0.5	0.9	25	8.3	73	160 (7.7) {<0.02}	0.52	<2.5	29	<2.5	<0.5	<5.0	25	120
	4	<5.0	<5.0	150	<0.5	<0.5	20	6.9	52	65 (7.4) {0.59}	0.16	<2.5	20	<2.5	<0.5	<5.0	20	62
	10	<5.0	<5.0	170	<0.5	0.5	24	7.8	32	110 (5.0) {<0.02}	0.20	<2.5	25	<2.5	<0.5	<5.0	21	120
	15	<5.0	<5.0	110	<0.5	<0.5	37	7.1	10	31	0.78	<2.5	29	<2.5	<0.5	<5.0	29	35
	20	<5.0	<5.0	95	<0.5	<0.5	47	6.4	12	69 (5.1) {0.06}	0.24	<2.5	31	<2.5	<0.5	<5.0	31	53
	25	<5.0	<5.0	86	<0.5	<0.5	41	7.5	17	63 (3.7)	0.24	<2.5	31	<2.5	<0.5	<5.0	33	70
	30	<5.0	<5.0	140	<0.5	0.7	34	8.7	24	42	5.53 (<0.01)	<2.5	26	<2.5	<0.5	<5.0	30	56
	35	<5.0	7.9	190	0.7	0.7	21	9.9	32	19	0.13	<2.5	31	<2.5	<0.5	5.8	22	67
R5-2	Surface	<5.0	<5.0	99	<0.5	<0.5	19	6.8	22	29	0.22	<2.5	19	<2.5	<0.5	<5.0	27	53
	2	<5.0	<5.0	99	<0.5	<0.5	18	5.6	23	47	0.28	<2.5	21	<2.5	<0.5	<5.0	19	120
	4	<5.0	<5.0	100	<0.5	0.7	25	6.6	26	85 (8.5) {0.12}	0.18	<2.5	25	<2.5	<0.5	<5.0	22	69
	10	<5.0	<5.0	170	<0.5	0.6	37	7.4	29	47	0.13	<2.5	33	<2.5	<0.5	<5.0	29	64
	15	<5.0	5.4	210	<0.5	0.6	15	12	25	13	0.07	<2.5	25	<2.5	<0.5	<5.0	15	62
	20	<5.0	9.2	300	<0.5	1.1	21	12	39	120 (11) {<0.02}	0.14	<2.5	33	<2.5	<0.5	7.5	20	130
	25	<5.0	<5.0	260	<0.5	0.8	18	9.3	33	140 (12) {<0.02}	0.25	<2.5	24	<2.5	<0.5	<5.0	20	140
	30	<5.0	<5.0	120	<0.5	<0.5	31	7.1	21	93 (11) {NS}	0.14	<2.5	24	<2.5	<0.5	<5.0	25	84
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:
<0.01 = not detected at or above the laboratory detection limits
Metals are designated by their symbol on the periodic table of elements.
All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.
Boring R4-2/T27-2 was drilled as a duel boring with the samples labeled for boring T27-2
(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)
{3.3} = Soluble concentration after a TCLP, presented in mg/l.
{NS} = Not sufficient sample to analyze
TTLC = total threshold limit concentration
STLC = soluable threshold limit concentration.
Depth in feet below ground surface

TABLE 15

SUMMARY OF ANALYTICAL RESULTS: METALS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
PERMENANT AND TEMPORARY COLUMNS

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TNF2-1	Surface	<5.0	<5.0	96	<0.5	0.6	120 (1.0)	18	32	2,300 {4.3}*	0.17	<2.5	290 (4.6)	<2.5	<0.5	6.7	34	100
	3	<5.0	<5.0	84	<0.5	0.5	44	12	11	8.3	<0.05	<2.5	32	<2.5	<0.5	5.6	43	37
	5	<5.0	5.4	87	<0.5	<0.5	45	12	12	9	<0.05	<2.5	37	<2.5	<0.5	6.5	44	45
TNF2-2	Surface	<5.0	5.2	150	<0.5	0.6	41	10	100	93 (3.7)	0.11	<2.5	33	<2.5	<0.5	6.3	33	110
	3	<5.0	<5.0	73	<0.5	<0.5	21	4.4	40	36*	1.4	<2.5	20	<2.5	<0.5	<5.0	17	110
	5	<5.0	9.9	140	<0.5	0.7	33	8.4	70	33*	0.62	<2.5	32	<2.5	<0.5	15	32	130
	10	---	---	---	---	---	---	---	---	21	---	---	---	---	---	---	---	---
TNF3-1	Surface	<50	<50	<100	<5.0	<5.0	520 (1.6)	68	<25	13*	0.11	<25	1300 (10)	<25	<5.0	<50	29	<100
	3	<5.0	<5.0	75	<0.5	<0.5	48	12	9.5	5.7	<0.05	<2.5	28	<2.5	<0.5	<5.0	39	34
	5	<5.0	<5.0	130	<0.5	<0.5	41	13	13	19	0.92	<2.5	34	<2.5	<0.5	<5.0	35	44
TNF3-2	Surface	<5.0	<5.0	120	<0.5	<0.5	47	11	28	85 (3.2)	0.06	<2.5	45	<2.5	<0.5	<5.0	32	82
	3	<5.0	<5.0	80	<0.5	<0.5	45	7.3	22	69 (ND)*	0.09	<2.5	27	<2.5	<0.5	<5.0	31	60
TNF6-1	Surface	<5.0	<5.0	<10	<0.5	<0.5	360 (NS)	78	<2.5	150 (5.3) {ND}*	<0.05	<2.5	1400 (NS)	<2.5	<0.5	<5.0	38	<10
	3	<5.0	<5.0	100	<0.5	0.7	24	3.9	61	38	0.91	<2.5	19	<2.5	<0.5	<5.0	19	320
	5	<5.0	<5.0	120	<0.5	<0.5	22	4.1	68	18	0.42	<2.5	16	<2.5	<0.5	<5.0	18	180
TNF6-2	Surface	<5.0	<5.0	190	<0.5	0.6	36	9.8	31	98 (ND)*	0.45	<2.5	26	<2.5	<0.5	<5.0	32	110
	3	<5.0	<5.0	760	0.5	1	24	7.5	160	350 (22) {ND}*	0.57	<2.5	23	<2.5	<0.5	<5.0	51	270
	5	<5.0	<5.0	53	<0.5	<0.5	32	4.7	15	340 (20) {ND}*	0.11	<2.5	21	<2.5	<0.5	<5.0	24	60
	10	7	5.5	260	0.6	<0.5	21	5.8	45	470 (93) {NS}	0.34	<2.5	16	<2.5	<0.5	<5.0	30	130
	15	---	---	---	---	---	---	---	---	13	---	---	---	---	---	---	---	---
TNF7-1	Surface	<5.0	7.6	170	<0.5	0.6	77 (0.5)	21	39	27	<0.05	<2.5	250 (3.8)	<2.5	<0.5	11	37	88
	3	<5.0	6.3	250	<0.5	0.5	23	3.9	57	29*	0.20	<2.5	18	<2.5	<0.5	<5.0	22	640
	5	<5.0	5.3	86	<0.5	<0.5	22	3.7	18	130 (35) {.98}*	0.54	<2.5	16	<2.5	<0.5	<5.0	20	270
TNF7-2	Surface	<5.0	5	230	0.6	0.6	25	15	42	310 (20) {2.2}	<0.05	<2.5	40	<2.5	<0.5	5.2	33	110
	3	<5.0	<5.0	25	<0.5	<0.5	30	4.8	5.7	31	<0.05	<2.5	20	<2.5	<0.5	<5.0	26	29
	5	<5.0	<5.0	27	<0.5	<0.5	31	5.1	14	22	<0.10	<2.5	19	<2.5	<0.5	<5.0	23	28

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TNF7-3	Surface	<5.0	<5.0	210	0.5	0.6	23	11	26	35	<0.05	<2.5	28	<2.5	<0.5	<5.0	26	71
	3	20	53	2,000 (11)	<0.5	29	17	2.8	23	**3700 (22) {ND}***	0.63	<2.5	18	<2.5	<0.5	<5.0	31	4,900 (280)
	5	<5.0	<5.0	14	<0.5	<0.5	33	4.1	2.7	6.3	<0.05	<2.5	18	<2.5	<0.5	<5.0	26	45
	10	<5.0	<5.0	8.2	<0.5	<0.5	32	3.8	2.5	1.3	<0.05	<2.5	16	<2.5	<0.5	<5.0	24	13
TNF7-4	Surface	<5.0	<5.0	190	<0.5	<0.5	22	11	35	27	<0.05	<2.5	30	<2.5	<0.5	<5.0	22	63
	3	<5.0	<5.0	14	<0.5	<0.5	33	5	3.3	7.9	<0.05	<2.5	18	<2.5	<0.5	<5.0	26	23
	5	<5.0	<5.0	70	<0.5	0.6	28	4.1	7.4	17*	<0.10	<2.5	19	<2.5	<0.5	<5.0	23	140
TNF8-1	Surface	8.6	6.4	290	<0.5	2.2	26	8	**2100 (57)**	**3,300 {15}***	0.59	<2.5	25	<2.5	<0.5	<5.0	20	810
	3	<5.0	<5.0	14	<0.5	<0.5	27	4.9	9.3	1.6	<0.05	<2.5	19	<2.5	<0.5	<5.0	20	19
	5	<5.0	<5.0	12	<0.5	<0.5	18	3.2	5.8	<1.0	<0.10	<2.5	15	<2.5	<0.5	<5.0	13	14
TNF8-2	Surface	<5.0	<5.0	290	0.5	<0.5	21	10	34	**150 (5.0) {ND}***	<0.05	<2.5	39	<2.5	<0.5	<5.0	22	110
	3	<5.0	<5.0	40	<0.5	<0.5	20	4	11	**330 (18) {ND}***	<0.05	<2.5	18	<2.5	<0.5	<5.0	22	59
	5	<5.0	<5.0	13	<0.5	<0.5	21	3.6	<2.5	1.5	<0.10	<2.5	16	<2.5	<0.5	<5.0	14	15
T1-1	Surface	<5.0	<5.0	87	<0.5	<0.5	30	6.3	20	**370 (20) {ND}***	0.24	<2.5	24	<2.5	<0.5	<5.0	26	86
	3	<5.0	<5.0	34	<0.5	<0.5	25	4.4	5.2	21	0.35	<2.5	20	<2.5	<0.5	<5.0	22	34
	5	<5.0	<5.0	58	<0.5	<0.5	22	4.1	35	**95 (13) {0.19}**	0.27	<2.5	19	<2.5	<0.5	<5.0	17	89
T1-2	Surface	<5.0	5.2	38	<0.5	<0.5	8.7	4	12	7.4	<0.10	<2.5	13	<2.5	<0.5	<5.0	9	29
	3	<5.0	<5.0	110	<0.5	<0.5	37	5.3	40	**460 (21) {ND}***	<0.10	<2.5	7.9	<2.5	<0.5	<5.0	18	1100
	5	<5.0	6	30	<0.5	<0.5	21	3.2	8.7	**67 (7.1) {ND}***	<0.10	<2.5	12	<2.5	<0.5	<5.0	19	340
	10	<5.0	<5.0	14	<0.5	<0.5	17	2.1	4.5	2.6	<0.10	<2.5	16	<2.5	<0.5	<5.0	14	20
T1-3	Surface	<5.0	<5.0	230	0.6	0.6	22	14	45	67 (1.1)	<0.10	<2.5	37	<2.5	<0.5	<5.0	21	83
	3	<5.0	<5.0	96	<0.5	0.5	25	5.4	21	**200 (9.8) {0.03}**	0.48	<2.5	22	<2.5	<0.5	<5.0	17	140
T1-4	Surface	<5.0	9.6	210	0.6	0.8	26	14	35	24	<0.10	<2.5	44	<2.5	<0.5	5.7	24	93
	3	<5.0	<5.0	74	0.6	<0.5	20	9.9	7.4	15	<0.10	<2.5	31	<2.5	<0.5	<5.0	21	33
	5	<5.0	<5.0	74	<0.5	<0.5	37	5.2	8.2	17	0.26	<2.5	31	<2.5	<0.5	<5.0	26	31
T1-5	Surface	<5.0	<5.0	35	<0.5	<0.5	22	4.3	12	**90 (11) {NS}**	0.27	<2.5	17	<2.5	<0.5	<5.0	16	38
	3	<5.0	<5.0	60	<0.5	<0.5	24	5.7	50	37	0.13	<2.5	16	<2.5	<0.5	<5.0	21	32
	5	<5.0	<5.0	70	<0.5	<0.5	29	7	7.8	18	0.13	<2.5	19	<2.5	<0.5	<5.0	23	39
T2-2	Surface	<5.0	<5.0	180	0.6	<0.5	16	8.9	19	27	<0.10	<2.5	22	<2.5	<0.5	<5.0	18	57
	3	<5.0	<5.0	32	<0.5	<0.5	27	4.1	4.0	**98 (18) {0.61}**	0.13	<2.5	22	<2.5	<0.5	<5.0	18	70
	5	<5.0	<5.0	21	<0.5	<0.5	27	4.4	2.6	30	<0.10	<2.5	20	<2.5	<0.5	<5.0	20	35
T2-3	Surface	<5.0	7.3	180	0.6	0.9	25	16	35	15	<0.10	<2.5	44	<2.5	<0.5	<5.0	23	85
	3	<5.0	<5.0	48	<0.5	<0.5	65	9.4	8.0	11	<0.10	<2.5	37	<2.5	<0.5	<5.0	45	30
	5	<5.0	<5.0	43	<0.5	<0.5	60 (0.4)	5.1	18	**280 (22) {ND}***	0.17	<2.5	51	<2.5	<0.5	<5.0	16	86

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T2-4	Surface	<5.0	<5.0	67	<0.5	<0.5	54 (0.5)	3.8	8.1	4.3	<0.10	<2.5	24	<2.5	<0.5	<5.0	25	27
	3	<5.0	<5.0	110	<0.5	<0.5	29	4.7	30	200 (20) {0.02}	0.54	<2.5	21	<2.5	<0.5	<5.0	17	150
	5	<5.0	<5.0	45	<0.5	<0.5	31	4.4	6.3	56 (4.4)	0.13	<2.5	19	<2.5	<0.5	<5.0	22	46
T2-5	Surface	<5.0	<5.0	160	<0.5	0.6	41	12	32	140 (25) {7.7}	0.22	<2.5	32	<2.5	<0.5	<5.0	35	100
	3	<5.0	<5.0	170	<0.5	0.8	30	7.3	54	230 (13) {ND}*	0.22	<2.5	24	<2.5	<0.5	<5.0	24	220
	5	<5.0	<5.0	110	<0.5	<0.5	27	4.6	17	1,000 {1.3}*	0.87	<2.5	20	<2.5	<0.5	<5.0	19	110
	10	<5.0	<5.0	81	<0.5	<0.5	40	8.8	8.4	4.9	<0.10	<2.5	22	<2.5	<0.5	<5.0	31	24
T3-1	Surface	<5.0	<5.0	150	<0.5	<0.5	31	7.8	35	18*	0.2	<2.5	29	<2.5	<0.5	5.8	28	76
	3	<5.0	<5.0	22	<0.5	<0.5	29	4.0	5.3	32	0.23	<2.5	18	<2.5	<0.5	<5.0	25	28
	5	<5.0	<5.0	430	<0.5	<0.5	31	4.3	13	210 (18) {ND}	<0.10	<2.5	17	<2.5	<0.5	<5.0	25	300
	10	<5.0	<5.0	<10	<0.5	<0.5	23	3.6	2.1	1.2	<0.10	<2.5	15	<2.5	<0.5	<5.0	20	12
T3-2	Surface	<5.0	<5.0	170	<0.5	<0.5	25	11	33	21	0.2	<2.5	36	<2.5	<0.5	8.3	24	80
	3	<5.0	<5.0	98	<0.5	<0.5	32	3.6	20	23	0.84	<2.5	15	<2.5	<0.5	<5.0	24	300
	5	<5.0	<5.0	12	<0.5	<0.5	28	3.8	3.3	4.8	<0.10	<2.5	16	<2.5	<0.5	<5.0	24	16
T3-3	Surface	<5.0	5.7	170	<0.5	<0.5	30	11	19	31	0.23	<2.5	48	<2.5	<0.5	6.5	29	61
	3	<5.0	<5.0	140	<0.5	<0.5	45	11	14	32	0.36	<2.5	32	<2.5	<0.5	<5.0	39	60
	5	<5.0	<5.0	140	<0.5	<0.5	43	7.9	17	120 (4.8)	0.54	<2.5	30	<2.5	<0.5	<5.0	39	86
T3-4	Surface	<5.0	<5.0	40	<0.5	<0.5	75 (1.1)	7.6	6.3	4.4	<0.10	<2.5	51	<2.5	<0.5	5.8	46	130
	3	<5.0	5.7	97	<0.5	<0.5	27	5.5	27	310 (63) {NS}	0.67	<2.5	19	<2.5	<0.5	<5.0	22	180
	5	<5.0	<5.0	160	<0.5	<0.5	27	4.7	36	95 (2.6)*	1.3	<2.5	18	<2.5	<0.5	<5.0	22	470
	10	<5.0	<5.0	17	<0.5	<0.5	21	2.7	3.7	63 (3.5)	<0.10	<2.5	12	<2.5	<0.5	<5.0	16	44
T4-1	Surface	<5.0	<5.0	84	<0.5	<0.5	28	4.7	15	51 (5.5) {<0.02}	1.6	<2.5	18	<2.5	<0.5	<5.0	31	53
	3	<5.0	<5.0	29	<0.5	<0.5	33	4.4	3.1	9.7	<0.10	<2.5	19	<2.5	<0.5	<5.0	26	25
	5	<5.0	<5.0	13	<0.5	<0.5	28	4.1	1.4	1.5	<0.10	<2.5	17	<2.5	<0.5	<5.0	24	17
T4-2	Surface	<5.0	<5.0	100	<0.5	<0.5	31	6.1	16	12	<0.10	<2.5	21	<2.5	<0.5	<5.0	26	74
	3	<5.0	<5.0	120	<0.5	<0.5	36	6.4	24	75 (ND)*	0.69	<2.5	25	<2.5	<0.5	<5.0	29	1100
	5	<5.0	<5.0	120	<0.5	<0.5	37	6.6	47	36	0.48	<2.5	30	<2.5	<0.5	5.4	32	68
	10	<5.0	<5.0	<10	<0.5	<0.5	22	3.3	2.0	1.9	<0.10	<2.5	14	<2.5	<0.5	<5.0	19	12
T4-3	Surface	<5.0	5	190	<0.5	<0.5	17	15	24	10	0.13	<2.5	32	<2.5	<0.5	8.1	17	58
	3	<5.0	<5.0	110	<0.5	<0.5	36	8.2	15	25*	0.13	<2.5	22	<2.5	<0.5	<5.0	31	120
	5	<5.0	<5.0	100	<0.5	<0.5	40	6.4	17	39*	0.67	<2.5	30	<2.5	<0.5	<5.0	34	85
	10	<5.0	<5.0	11	<0.5	<0.5	33	3.6	2.0	1.1	<0.10	<2.5	15	<2.5	<0.5	<5.0	27	13

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T4-4	Surface	<5.0	5.7	160	<0.5	0.6	27	14	27	11	<0.10	<2.5	41	<2.5	<0.5	9.1	25	62
	3	<5.0	<5.0	48	<0.5	<0.5	30	4.4	52	42	0.35	<2.5	16	<2.5	<0.5	<5.0	25	31
	5	<5.0	21	360	<0.5	2.2	33	5.8	210	70 (ND)*	0.43	<2.5	21	<2.5	<0.5	26	21	670
	10	<5.0	<5.0	10	<0.5	<0.5	24	3.6	3.5	4.3	<0.10	<2.5	14	<2.5	<0.5	<5.0	20	57
T4-5	Surface	<5.0	<5.0	19	<0.5	<0.5	37	2.6	12	9	<0.10	<2.5	46	<2.5	<0.5	<5.0	30	30
	3	19	5.2	150	<0.5	0.6	25	3.1	1,400 (1.5)	120 (4.2)*	0.18	<2.5	20	<2.5	<0.5	<5.0	18	580
	5	<5.0	<5.0	110	<0.5	<0.5	20	2.4	23	67 (5.2) {ND}*	0.15	<2.5	10	<2.5	<0.5	<5.0	14	190
	10	<5.0	<5.0	15	<0.5	<0.5	25	3.4	2.2	7.2	<0.10	<2.5	14	<2.5	<0.5	<5.0	20	16
T5-1	Surface	<5.0	<5.0	65	0.7	<0.5	19	5.9	11	25	0.07	<2.5	21	<2.5	<0.5	<5.0	22	54
	3	<5.0	5.2	1600 (16)	<0.5	0.8	22	3.4	31	27	0.09	<2.5	14	<2.5	<0.5	<5.0	22	1200
	5	<5.0	<5.0	41	<0.5	<0.5	28	4.2	3.3	44	0.11	<2.5	18	<2.5	<0.5	<5.0	23	46
T5-2	Surface	<5.0	<5.0	75	<0.5	<0.5	55 (<0.1)	9.5	5.9	6.1	0.05	<2.5	41	<2.5	<0.5	<5.0	50	25
	3	<5.0	<5.0	73	<0.5	<0.5	52 (0.1)	12	7.4	7.8	0.06	<2.5	32	<2.5	<0.5	<5.0	43	28
	5	<5.0	<5.0	150	<0.5	0.5	36	4.7	40	57 (7.1) {ND}*	6.5 (0.0025)	<2.5	24	<2.5	<0.5	<5.0	21	270
	10	<5.0	13	320	<0.5	0.9	23	4.3	50	540 (100) {NS}	3.5 (0.01)	<2.5	16	<2.5	<0.5	5.6	18	290
	15	---	---	---	---	---	---	---	---	4.9	---	---	---	---	---	---	---	---
T5-3	Surface	<5.0	12	220	0.5	<0.5	31	33	33	20	<0.05	<2.5	62	<2.5	<0.5	6.9	29	90
	3	<5.0	<5.0	45	<0.5	<0.5	24	3.0	7.3	19	0.26	<2.5	15	<2.5	<0.5	<5.0	33	38
	5	<5.0	5.8	110	<0.5	0.6	46	3.4	56	45	0.51	14	20	<2.5	<0.5	<5.0	15	200
	10	<5.0	<5.0	32	<0.5	<0.5	32	4.5	7	5	<0.10	<2.5	16	<2.5	<0.5	<5.0	21	99
T5-4	Surface	<5.0	12	250	<0.5	0.8	26	14	20	32	<0.05	<2.5	38	<2.5	<0.5	9.2	33	84
	3	<5.0	<5.0	28	<0.5	<0.5	29	4.0	7.8	34	1.2	<2.5	16	<2.5	<0.5	<5.0	23	83
	5	<5.0	9.2	100	<0.5	1.0	24	3.8	67	25	0.16	<2.5	14	<2.5	<0.5	<5.0	27	470
	10	<5.0	<5.0	13	<0.5	<0.5	28	4.1	3.1	4.5	<0.10	<2.5	18	<2.5	<0.5	<5.0	21	22
T5-5	Surface	<5.0	7.9	270	<0.5	0.9	28	7.1	110	410 (20 {2.5}*	<0.10	<2.5	20	<2.5	<0.5	<5.0	29	540
	3	<5.0	7.4	93	<0.5	<0.5	26	4.6	15	250 (22) {ND}*	0.36	<2.5	18	<2.5	<0.5	<5.0	26	140
	5	<5.0	<5.0	84	<0.5	<0.5	24	3.5	43	720 (28) {1.1}	1.3	<2.5	16	<2.5	<0.5	<5.0	18	210
	10	<5.0	<5.0	12	<0.5	<0.5	21	3.8	2.7	11	<0.10	<2.5	16	<2.5	<0.5	<5.0	16	18
T6-1	Surface	<5.0	<5.0	140	<0.5	<0.5	34	6.2	22	83 (ND)*	0.71	<2.5	19	<2.5	<0.5	<5.0	28	170
	3	<5.0	<5.0	40	<0.5	<0.5	34	6.1	3.5	1.1	<0.05	<2.5	35	<2.5	<0.5	<5.0	27	14
	5	<5.0	<5.0	56	<0.5	<0.5	73 (0.4)	5.7	6.5	1.3	<0.10	<2.5	49	<2.5	<0.5	<5.0	31	18
T6-2	Surface	<5.0	<5.0	91	<0.5	<0.5	45	8.2	12	27	0.14	<2.5	35	<2.5	<0.5	<5.0	35	37
	3	<5.0	<5.0	60	<0.5	<0.5	41	6.5	10	19	<0.05	<2.5	24	<2.5	<0.5	<5.0	32	30
	5	<5.0	<5.0	59	<0.5	<0.5	56 (0.2)	8.1	9.9	4.4	<0.10	<2.5	40	<2.5	<0.5	<5.0	42	28

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T6-3	Surface	<5.0	10	110	0.6	0.6	22	17	36	15	0.05	<2.5	39	<2.5	<0.5	<5.0	22	77
	3	<5.0	6	36	0.6	0.6	33	6	9.5	8.2	<0.05	<2.5	26	<2.5	<0.5	<5.0	42	30
	5	<5.0	8.3	42	0.5	<0.5	55 (0.6)	9.2	11	5.6	<0.05	<2.5	32	<2.5	<0.5	<5.0	54	33
	10	<5.0	<5.0	520	<0.5	<0.5	43	7.7	18	170 (540) {0.28}	0.06	<2.5	24	<2.5	<0.5	<5.0	33	170
	15	<5.0	<5.0	62	<0.5	<0.5	56 (0.2)	11	12	3.7	<0.10	<2.5	33	<2.5	<0.5	<5.0	41	24
T6-4	Surface	<5.0	<5.0	55	<0.5	<0.5	49	12	8.5	5.4	<0.10	<2.5	30	<2.5	<0.5	<5.0	39	27
	3	<5.0	<5.0	56	<0.5	<0.5	81 (0.1)	2.8	5.4	2.9	0.15	<2.5	49	<2.5	<0.5	<5.0	23	24
	5	<5.0	<5.0	47	<0.5	<0.5	63 (0.3)	7.4	4.0	<1.0	<0.10	<2.5	54	<2.5	<0.5	<5.0	31	23
T7-1A	Surface	<5.0	<5.0	75	<0.5	<0.5	63 (NS)	14	8	74 (3.1)*	0.06	<2.5	50	<2.5	<0.5	<5.0	51	50
	3	14	7.3	370	0.5	<0.5	19	8.5	51	15*	0.14	<2.5	23	<2.5	<0.5	<5.0	20	130
	5	<5.0	<5.0	68	0.8	<0.5	14	6.5	13	8.2*	<0.05	<2.5	25	<2.5	<0.5	<5.0	19	57
	10	<5.0	<5.0	110	<0.5	<0.5	33	6.1	14	180 (7.6) {NS}	0.06	<2.5	24	<2.5	<0.5	6.0	31	50
	15	---	---	---	---	---	---	---	---	7.6	---	---	---	---	---	---	---	---
T7-2	Surface	<5.0	<5.0	140	<0.5	<0.5	30	10	30	12	0.21	<2.5	34	<2.5	<0.5	<5.0	27	60
	3	<5.0	<5.0	63	<0.5	<0.5	35	7.1	4.2	<1.0	0.05	<2.5	33	<2.5	<0.5	<5.0	25	19
	5	<5.0	<5.0	58	<0.5	<0.5	25	6.2	3.7	1.2	0.23	<2.5	31	<2.5	<0.5	<5.0	19	17
T7-3	Surface	<5.0	<5.0	170	<0.5	<0.5	33	12	25	11	0.22	<2.5	37	<2.5	<0.5	<5.0	30	60
	3	<5.0	<5.0	100	<0.5	<0.5	35	8.9	11	33	0.15	<2.5	30	<2.5	<0.5	<5.0	32	44
	5	<5.0	<5.0	120	<0.5	<0.5	39	9.3	14	20	<0.10	<2.5	34	<2.5	<0.5	<5.0	30	41
T7-4	Surface	<5.0	<5.0	64	<0.5	<0.5	30	8.6	9.3	7.9	0.13	<2.5	25	<2.5	<0.5	<5.0	29	25
	3	<5.0	<5.0	68	<0.5	<0.5	25	5.0	6.3	14	0.16	<2.5	17	<2.5	<0.5	<5.0	25	22
	5	<5.0	<5.0	76	<0.5	0.5	56 (0.6)	10	12	18	<0.10	<2.5	35	<2.5	<0.5	<5.0	46	30
T8-1	Surface	<5.0	<5.0	120	<0.5	<0.5	24	12	14	59 (7.2) {0.19}	0.06	<2.5	22	<2.5	<0.5	<5.0	25	69
	3	<5.0	<5.0	66	<0.5	<0.5	37	6.8	7.3	2.6	<0.10	<2.5	20	<2.5	<0.5	<5.0	28	21
T8-2	Surface	<5.0	<5.0	140	<0.5	<0.5	36	7.6	17	93 (2.6)	0.14	<2.5	26	<2.5	<0.5	<5.0	28	81
	3	<5.0	<5.0	66	<0.5	<0.5	66 (0.2)	8.6	12	35	0.18	<2.5	35	<2.5	<0.5	<5.0	43	34
	5	<5.0	5.8	340	<0.5	1.4	31	9.2	83	100 (6.2) {ND}*	<0.05	<2.5	33	<2.5	<0.5	7.6	27	680
T8-3	Surface	<5.0	<5.0	55	0.6	0.6	61 (0.3)	31	15	5.5	0.06	<2.5	41	<2.5	<0.5	<5.0	45	33
	3	<5.0	<5.0	92	<0.5	<0.5	42	8.6	12	4.5	<0.10	<2.5	26	<2.5	<0.5	<5.0	39	28
	5	<5.0	<5.0	71	<0.5	<0.5	38	10	10	3.5	<0.05	<2.5	27	<2.5	<0.5	<5.0	33	27
T8-4	Surface	<5.0	<5.0	65	<0.5	<0.5	37	9.5	19	34	0.06	<2.5	29	<2.5	<0.5	<5.0	32	48
	3	<5.0	<5.0	76	<0.5	<0.5	38	7.8	8.7	2.5	<0.10	<2.5	25	<2.5	<0.5	<5.0	34	23
	5	<5.0	<5.0	72	<0.5	<0.5	35	7.8	7.5	2.4	<0.05	<2.5	23	<2.5	<0.5	<5.0	26	22

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T9-1	Surface	<5.0	<5.0	100	0.5	<0.5	20	6.2	12	49	<0.05	<2.5	19	<2.5	<0.5	<5.0	20	66
	3	<5.0	<5.0	270	<0.5	<0.5	21	7.6	51	150 (4.3)*	5.5 (0.014)	<2.5	24	<2.5	<0.5	<5.0	18	190
	5	<5.0	<5.0	260	<0.5	0.5	30	7.9	35	620 (26) {ND}*	3.1	<2.5	29	<2.5	<0.5	<5.0	26	210
T9-2	Surface	<5.0	<5.0	130	<0.5	<0.5	34	13	13	21	0.09	<2.5	26	<2.5	<0.5	<5.0	33	49
	10	<5.0	<5.0	95	<0.5	<0.5	68 (0.3)	8.3	6.8	1.6	<0.10	<2.5	40	<2.5	<0.5	<5.0	31	24
T9-3	Surface	<5.0	<5.0	140	<0.5	<0.5	33	7.9	20	8.3*	0.08	<2.5	29	<2.5	<0.5	<5.0	28	75
	3	<5.0	<5.0	79	<0.5	<0.5	21	5.7	10	46	0.11	<2.5	17	<2.5	<0.5	<5.0	17	43
	5	<5.0	<5.0	54	<0.5	<0.5	28	5.1	12	60 (3.1)	0.38	<2.5	19	<2.5	<0.5	<5.0	23	54
T10-1	Surface	<5.0	<5.0	<10	<0.5	<0.5	38	15	<2.5	<1.0	<0.05	<2.5	39	<2.5	<0.5	<5.0	49	<10
	3	<5.0	<5.0	170	<0.5	<0.5	16	8.5	26	22	0.09	<2.5	29	<2.5	<0.5	<5.0	16	52
	5	<5.0	5.4	170	<0.5	0.5	22	9.6	35	14	0.11	<2.5	38	<2.5	<0.5	<5.0	21	77
T10-2	Surface	<5.0	<5.0	36	0.5	<0.5	27	6.4	6.7	76 (<0.2)	0.06	<2.5	22	<2.5	<0.5	<5.0	26	23
	3	<5.0	<5.0	62	0.6	<0.5	8.6	8.4	6.3	5.1	<0.10	<2.5	34	<2.5	<0.5	<5.0	15	29
T10-3	Surface	<5.0	<5.0	91	<0.5	<0.5	48	10	18	67 (3.9)	0.12	<2.5	33	<2.5	<0.5	<5.0	37	90
	3	<5.0	<5.0	160	<0.5	<0.5	38	7	17	260 (2.1)	<0.10	<2.5	26	<2.5	<0.5	<5.0	31	60
T11-1	Surface	<5.0	<5.0	50	<0.5	<0.5	53 (1.0)	11	11	7	0.06	<2.5	43	<2.5	<0.5	<5.0	42	27
	3	<5.0	<5.0	40	<0.5	<0.5	34	10	3.9	2.1	<0.10	<2.5	18	<2.5	<0.5	<5.0	29	15
T11-2	Surface	<5.0	<5.0	68	<0.5	<0.5	47	9.9	8.5	5.1	<0.05	<2.5	39	<2.5	<0.5	<5.0	41	26
	3	<5.0	<5.0	120	<0.5	<0.5	83 (0.3)	8.3	6.9	<1.0	<0.10	<2.5	36	<2.5	<0.5	<5.0	47	26
T11-3	Surface	<5.0	<5.0	85	<0.5	<0.5	27	5.8	10	210 (9.2) {0.04}	0.85	<2.5	20	<2.5	<0.5	<5.0	27	42
	3	<5.0	<5.0	62	<0.5	<0.5	44	6.2	8.3	2.5	<0.10	<2.5	31	<2.5	<0.5	<5.0	39	20
	5	<5.0	<5.0	44	<0.5	<0.5	57 (0.2)	6.4	7.7	2.0	<0.05	<2.5	31	<2.5	<0.5	<5.0	33	25
T12-1	Surface	<5.0	<5.0	62	<0.5	0.5	43	7.6	7.6	2.2	<0.05	<2.5	22	<2.5	<0.5	<5.0	46	25
	3	<5.0	<5.0	85	<0.5	<0.5	51 (0.7)	12	8.1	1.8	<0.10	<2.5	35	<2.5	<0.5	<5.0	48	26
	5	<5.0	<5.0	79	<0.5	0.5	55 (0.3)	9.8	8.4	1.9	<0.05	<2.5	33	<2.5	<0.5	<5.0	52	27
T12-2	Surface	<5.0	8.9	110	<0.5	<0.5	31	8.8	14	42	<0.05	<2.5	26	<2.5	<0.5	<5.0	30	45
	3	<5.0	8.7	100	<0.5	<0.5	35	16	38	47	0.07	<2.5	33	<2.5	<0.5	<5.0	38	53
	5	<5.0	7.1	58	<0.5	<0.5	36	7.9	6.6	3.3	<0.05	<2.5	18	<2.5	<0.5	<5.0	32	17
	10	<5.0	7.6	58	<0.5	<0.5	33	10	8.8	4.8	<0.05	<2.5	23	<2.5	<0.5	<5.0	30	19
T12-3	Surface	<5.0	<5.0	170	<0.5	<0.5	35	8.1	29	340 (33) {0.19}	0.24	<2.5	28	<2.5	<0.5	<5.0	29	260
	3	<5.0	<5.0	57	<0.5	<0.5	43	8.5	9.0	2.8	<0.10	<2.5	32	<2.5	<0.5	<5.0	35	24
	5	<5.0	<5.0	76	<0.5	<0.5	45	7.9	8.5	2.1	<0.05	<2.5	34	<2.5	<0.5	<5.0	36	27

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T13-1	Surface	<5.0	<5.0	48	<0.5	<0.5	42	2.7	5.2	4.3	<0.05	<2.5	13	<2.5	<0.5	<5.0	32	16
	3	<5.0	<5.0	63	<0.5	<0.5	26	1.9	5.0	5.2	<0.10	<2.5	12	<2.5	<0.5	<5.0	26	17
	5	<5.0	<5.0	56	0.5	<0.5	10	2.2	5.7	6.9	<0.05	<2.5	10	<2.5	<0.5	<5.0	24	23
T13-2	Surface	<5.0	<5.0	63	<0.5	0.5	54 (0.4)	13	6.4	2.2	<0.05	<2.5	31	<2.5	<0.5	<5.0	59	27
	3	<5.0	<5.0	84	<0.5	<0.5	44	4.0	4.5	<1.0	<0.10	<2.5	32	<2.5	<0.5	<5.0	22	20
	5	<5.0	<5.0	43	<0.5	<0.5	48	3.0	2.5	2.0	<0.05	<2.5	29	<2.5	<0.5	<5.0	11	13
T13-3	Surface	<5.0	<5.0	87	<0.5	<0.5	53 (0.2)	9.3	14	5.5	0.05	<2.5	37	<2.5	<0.5	5.2	41	53
	3	<50	<50	<100	<5.0	<5.0	75 (<0.1)	11	<25	<10	0.15	<25	65	<25	<5.0	<50	77	<100
	5	<5.0	<5.0	130	<0.5	0.6	49	13	6.5	3.1	0.06	<2.5	55	<2.5	<0.5	7.3	46	28
T14-1	Surface	<5.0	7.7	120	<0.5	<0.5	41	11	8.7	17	<0.01	<2.5	38	<2.5	<0.5	5.1	39	44
	3	<5.0	<5.0	58	<0.5	<0.5	23	6.0	3.0	3.3	0.07	<2.5	19	<2.5	<0.5	<5.0	27	15
T14-2	Surface	<5.0	8.6	130	<0.5	0.6	55 (0.8)	7.3	36	110 (5) {ND}*	0.86	<2.5	33	<2.5	<0.5	<5.0	39	210
	3	<5.0	5.7	52	<0.5	<0.5	36	5.9	11	5.8	0.08	<2.5	18	<2.5	<0.5	<5.0	46	34
T14-3	Surface	<5.0	6.2	150	<0.5	0.7	48	6.9	28	130 (12) {<0.02}	0.05	<2.5	32	<2.5	<0.5	<5.0	36	170
	3	<5.0	6.2	120	<0.5	1.0	49	16	26	36	0.11	<2.5	45	<2.5	<0.5	6.1	46	160
T15-1	Surface	<5.0	<5.0	100	<0.5	<0.5	27	6.6	18	110 (3.2)	0.31	<2.5	22	<2.5	<0.5	<5.0	25	81
	3	<5.0	<5.0	78	0.5	<0.5	36	3.6	6.7	4.4	<0.10	<2.5	16	<2.5	<0.5	<5.0	33	22
T15-2	Surface	<5.0	5.9	97	<0.5	<0.5	41	9.8	15	8.4	0.04	<2.5	34	<2.5	<0.5	<5.0	35	39
	3	<5.0	6.7	73	<0.5	<0.5	62 (<0.1)	8.5	7.9	2.4	3.1 (<0.01)	<2.5	39	<2.5	<0.5	<5.0	45	24
T15-3	Surface	<5.0	7	230	0.6	0.5	23	13	39	49	0.37	<2.5	31	<2.5	<0.5	5.1	23	67
	3	<5.0	<5.0	160	<0.5	<0.5	61 (<0.7)	50	7.8	3.3	<0.01	<2.5	64	<2.5	<0.5	<5.0	40	34
	5	<5.0	<5.0	71	<0.5	<0.5	74 (<0.3)	8.5	6.1	3.3	3.8 (NS)	<2.5	31	<2.5	<0.5	<5.0	44	26
T16-1	Surface	<5.0	<5.0	220	<0.5	<0.5	25	10	35	43	0.17	<2.5	23	<2.5	<0.5	<5.0	21	62
T17-1	Surface	<5.0	5.1	96	<0.5	<0.5	38	7.7	18	67 (6.1) {0.06}	0.11	<2.5	24	<2.5	<0.5	<5.0	31	180
	3	<5.0	11	64	<0.5	1.0	26	10	14	6.3	0.1	<2.5	26	<2.5	<0.5	6.8	43	40
T18-1	Surface	<5.0	7.5	66	0.5	<0.5	37	6.6	16	7.6	0.37	<2.5	32	<2.5	<0.5	<5.0	35	35
	3	<5.0	7.3	100	<0.5	0.6	35	7.4	190	250 (7.0) {<0.02}	0.25	<2.5	22	<2.5	<0.5	<5.0	34	190
	5	<5.0	5.7	130	<0.5	<0.5	39	11	18	170 (17) {0.13}	0.04	<2.5	26	<2.5	<0.5	<5.0	31	82
	10	<5.0	6.3	150	<0.5	<0.5	47	7.2	11	6.6	0.07	<2.5	42	<2.5	<0.5	<5.0	32	28
T19-1	Surface	<5.0	6.9	150	<0.5	0.6	27	6.9	24	86 (5.8) {<0.02}	0.09	<2.5	26	<2.5	<0.5	<5.0	21	77
T19-2	Surface	<5.0	6.9	170	0.5	<0.5	21	10	24	25	0.04	<2.5	30	<2.5	<0.5	5.2	20	60
	3	<5.0	9.4	75	0.6	<0.5	19	8.8	20	8.4	0.05	<2.5	32	<2.5	<0.5	5.8	23	55
T20-1	Surface	<5.0	<5.0	110	<0.5	<0.5	23	6.7	22	33	<0.01	<2.5	23	<2.5	<0.5	<5.0	20	51
	5	<5.0	10	450	0.8	0.6	26	12	37	13	0.11	<2.5	39	<2.5	<0.5	<5.0	30	82

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T20-2	Surface	<5.0	<5.0	100	<0.5	<0.5	17	5.8	12	7.3	<0.05	<2.5	20	<2.5	<0.5	<5.0	19	37
	3	<5.0	6.1	110	0.6	<0.5	22	8.7	32	8.3	<0.05	<2.5	34	<2.5	<0.5	<5.0	21	79
T21-3	Surface	<5.0	5.7	210	0.5	0.5	25	14	27	45	<0.05	<2.5	38	<2.5	<0.5	<5.0	21	71
T22-1	Surface	<5.0	<5.0	230	0.5	5.6	21	15	280 (16)	180 (10) {NS}	0.07	<2.5	34	<2.5	<0.5	5.3	17	1300
	3	<5.0	6.5	190	<0.5	0.8	27	13	110	200 (16) {.23}*	<0.05	<2.5	36	<2.5	<0.5	<5.0	19	97
T22-2	Surface	<5.0	5.4	270	0.6	<0.5	18	12	20	9.7	0.24	<2.5	28	<2.5	<0.5	<5.0	22	52
	4	<5.0	<5.0	180	<0.5	<0.5	11	9.8	11	7.2	<0.05	<2.5	19	<2.5	<0.5	<5.0	16	41
T23-1	Surface	<5.0	7.9	110	<0.5	0.6	19	8.4	33	230 (12) {ND}*	0.09	<2.5	24	<2.5	<0.5	<5.0	24	100
	2	<5.0	8.0	120	<0.5	0.5	17	11	27	53 (4.4)*	0.08	<2.5	23	<2.5	<0.5	<5.0	26	87
T23-2	Surface	<5.0	<5.0	140	<0.5	0.6	26	5.5	28	200 (11) {.25}*	<0.05	<2.5	22	<2.5	<0.5	<5.0	23	170
	1	<5.0	<5.0	160	<0.5	<0.5	29	5.6	23	45*	0.34	<2.5	21	<2.5	<0.5	<5.0	24	130
T24-1	Surface	<5.0	<5.0	50	<0.5	<0.5	30	8.5	9.3	3.4	<0.05	<2.5	29	<2.5	<0.5	<5.0	38	38
	3	<5.0	<5.0	150	0.6	<0.5	32	8.3	17	6.8	<0.05	<2.5	31	<2.5	<0.5	<5.0	31	44
	5	<5.0	<5.0	110	0.7	0.5	27	6.5	18	7.5	<0.05	<2.5	25	<2.5	<0.5	<5.0	33	49
T24-2	Surface	<5.0	<5.0	180	<0.5	<0.5	30	9.6	19	31	0.09	<2.5	31	<2.5	<0.5	<5.0	27	68
	3	<5.0	<5.0	76	<0.5	<0.5	33	9.9	11	6.1	<0.05	<2.5	37	<2.5	<0.5	<5.0	36	67
	5	<5.0	<5.0	120	0.6	<0.5	28	9.7	12	6.3	<0.05	<2.5	39	<2.5	<0.5	<5.0	30	61
T24-3	Surface	<5.0	6.7	160	0.5	<0.5	23	12	36	35	0.14	<2.5	36	<2.5	<0.5	6.6	25	83
T25-1	Surface	<5.0	<5.0	25	<0.5	0.6	29	8.9	17	3.7	0.14	<2.5	23	<2.5	<0.5	7.3	37	31
	3	<5.0	<5.0	160	<0.5	<0.5	38	11	11	4.9	0.06	<2.5	29	<2.5	<0.5	<5.0	37	26
	5	<5.0	<5.0	40	<0.5	<0.5	41	8.1	10	3.8	0.05	<2.5	27	<2.5	<0.5	<5.0	34	25
	10	<5.0	8.8	190	0.6	1.1	27	15	42	26	0.22	<2.5	43	<2.5	<0.5	7.5	25	99
	15	<5.0	<5.0	150	0.6	<0.5	24	14	26	8.2	0.08	<2.5	48	<2.5	<0.5	<5.0	22	63
T25-2	Surface	<5.0	<5.0	430	<0.5	<0.5	19	12	25	8.5	0.09	<2.5	31	<2.5	<0.5	<5.0	18	61
	3	<5.0	6.3	430	0.5	<0.5	19	12	25	410 (0.5)	0.08	<2.5	32	<2.5	<0.5	<5.0	19	88
	5	<5.0	6.9	170	0.6	0.6	19	19	28	31	0.09	<2.5	38	<2.5	<0.5	<5.0	21	74
	10	<5.0	6.8	230	<0.5	0.5	19	12	25	150 (4.6)	0.12	<2.5	32	<2.5	<0.5	5.2	19	80
	15	<5.0	8.8	190	0.5	0.5	20	14	33	31	0.07	<2.5	35	<2.5	<0.5	<5.0	20	92
	20	<5.0	8	190	<0.5	<0.5	26	11	39	95 (13) {0.46}	0.09	<2.5	50	<2.5	<0.5	5	28	220
	25	<5.0	<5.0	92	<0.5	<0.5	12	11	9.1	7	0.06	<2.5	19	<2.5	<0.5	<5.0	15	35

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T25-3	Surface	<5.0	<5.0	90	<0.5	<0.5	40	7.8	19	49	0.37	<2.5	32	<2.5	<0.5	<5.0	33	52
	3	<5.0	<5.0	110	<0.5	0.5	29	6.6	44	110 (1.7)	0.29	<2.5	23	<2.5	<0.5	<5.0	26	140
	5	<5.0	<5.0	240	0.7	<0.5	16	15	29	10	0.04	<2.5	32	<2.5	<0.5	6.1	18	65
	10	<5.0	6.7	240	0.5	0.6	20	11	28	24	0.18	<2.5	36	<2.5	<0.5	5.2	19	74
	15	<5.0	6.4	230	0.5	0.6	21	14	32	70 (35) {0.47}	0.06	<2.5	39	<2.5	<0.5	5.8	20	89
	20	<5.0	6.3	150	<0.5	0.6	18	8.8	24	25	0.07	<2.5	26	<2.5	<0.5	<5.0	17	65
	25	<5.0	6.6	160	0.5	0.6	21	15	28	8.9	0.06	<2.5	34	<2.5	<0.5	<5.0	22	67
T26-1	Surface	<5.0	<5.0	140	<0.5	0.6	61	7.6	22	110 (7.1) {0.05}	0.21	<2.5	35	<2.5	<0.5	<5.0	35	110
	3	<5.0	14	84	<0.5	1.0	67	17	19	89 (6.1) {0.04}	0.49	<2.5	44	<2.5	<0.5	9.2	47	71
	5	<5.0	<5.0	91	<0.5	0.6	61 (NS)	10	18	19	0.1	<2.5	39	<2.5	<0.5	<5.0	42	45
	10	<5.0	9.2	300	0.6	0.5	25	18	33	24	0.07	<2.5	40	<2.5	<0.5	9.4	26	86
	15	<5.0	11	440	0.5	0.8	23	14	50	300 (17) {0.27}	0.32	<2.5	35	<2.5	<0.5	7.2	23	240
	20	<5.0	8.1	250	0.6	0.6	25	19	28	15	0.07	<2.5	43	<2.5	<0.5	9	25	72
	25	<5.0	7.2	150	0.6	0.5	23	8.7	24	57 (17){0.20}	<0.05	<2.5	38	<2.5	<0.5	8.3	24	76
	30	---	---	---	---	---	---	---	---	25	---	---	---	---	---	---	---	---
T26-2	Surface	<5.0	12	200	<0.5	0.7	30	12	25	200 (11) {ND}*	0.19	<2.5	32	<2.5	<0.5	10	30	80
	3	<5.0	5.1	150	<0.5	0.6	51	8.4	18	83 (6.7) {0.04}	0.13	<2.5	32	<2.5	<0.5	<5.0	41	73
	5	<5.0	<5.0	210	<0.5	0.5	54	10	22	95 (7.6) {0.40}	0.11	<2.5	38	<2.5	<0.5	<5.0	43	85
	10	<5.0	<5.0	120	<0.5	0.6	56	10	26	120 (11) {0.13}	0.17	<2.5	39	<2.5	<0.5	<5.0	41	87
	15	<5.0	9	690	0.6	0.6	24	15	38	44	0.07	<2.5	40	<2.5	<0.5	6.3	24	93
	20	<5.0	8.9	170	0.5	0.6	25	14	40	12	<0.05	<2.5	48	<2.5	<0.5	9.8	22	87
	25	<5.0	11	170	0.6	0.6	26	15	36	44	0.06	<2.5	44	<2.5	<0.5	7.3	26	90
	30	<5.0	6.1	340	0.7	0.6	17	11	28	180 (16) {0.64}	0.09	<2.5	25	<2.5	<0.5	<5.0	18	67
	35	---	---	---	---	---	---	---	---	14	---	---	---	---	---	---	---	---
T27-1	Surface	<5.0	5.9	120	<0.5	0.6	23	8.4	19	43	0.10	<2.5	23	<2.5	<0.5	6.1	26	56
	3	<5.0	<5.0	160	<0.5	0.6	13	5.7	23	180 (23) {0.24}	0.13	<2.5	17	<2.5	<0.5	<5.0	13	160
	5	<5.0	<5.0	67	<0.5	<0.5	22	4.1	14	17	0.11	<2.5	25	<2.5	<0.5	<5.0	16	35
	10	<5.0	<5.0	150	<0.5	<0.5	29	8.9	23	35	<0.05	<2.5	29	<2.5	<0.5	<5.0	24	64
	15	<5.0	<5.0	130	<0.5	<0.5	34	8.3	20	640 (3.1)	0.42	<2.5	27	<2.5	<0.5	<5.0	28	66
	20	<5.0	<5.0	150	<0.5	<0.5	26	8.8	16	31	<0.05	<2.5	23	<2.5	<0.5	<5.0	23	55
	25	<5.0	5.4	190	0.5	<0.5	18	7.9	18	27	0.08	<2.5	22	<2.5	<0.5	<5.0	20	59

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
T27-2	Surface	<5.0	7	180	<0.5	0.5	24	12	21	63 (3.7)	0.58	<2.5	27	<2.5	<0.5	<5.0	24	68
	2	<5.0	7	180	<0.5	0.7	21	13	29	65 (4.0)	0.09	<2.5	31	<2.5	<0.5	5.7	20	91
	4	<5.0	<5.0	130	<0.5	<0.5	14	12	23	9.7	0.61	<2.5	27	<2.5	<0.5	<5.0	13	51
	10	<5.0	<5.0	110	<0.5	<0.5	13	4.3	8.8	20	0.05	<2.5	13	<2.5	<0.5	<5.0	17	36
	15	<5.0	<5.0	160	<0.5	<0.5	18	3.5	22	110 (1.9)	<0.05	<2.5	16	<2.5	<0.5	<5.0	20	54
	20	<5.0	6.9	190	<0.5	0.7	19	12	30	76 (12) {0.33}	<0.05	<2.5	28	<2.5	<0.5	5.1	20	110
	25	<5.0	<5.0	160	<0.5	<0.5	20	7.9	30	88 (12) {<0.02}	0.13	<2.5	22	<2.5	<0.5	<5.0	17	330
	30	<5.0	6.4	140	0.6	0.6	21	11	27	15	0.16	<2.5	30	<2.5	<0.5	5	20	61
	35	<5.0	5.9	320	0.6	0.6	16	11	24	15	<0.05	<2.5	27	<2.5	<0.5	6.4	16	62
T28-1	Surface	<5.0	<5.0	85	<0.5	0.6	14	6.2	29	7.4	<0.05	<2.5	14	<2.5	<0.5	<5.0	23	44
	3	<5.0	<5.0	130	<0.5	0.5	24	6.7	32	170 (11) {0.12}	0.15	<2.5	25	<2.5	<0.5	<5.0	20	140
	5	<5.0	<5.0	150	<0.5	0.7	24	7	32	76 (11) {<0.02}	0.17	<2.5	24	<2.5	<0.5	<5.0	21	76
	10	<5.0	<5.0	170	<0.5	0.9	27	7.4	68	82 (5.9) {0.02}	0.47	<2.5	27	<2.5	<0.5	<5.0	29	95
	15	<5.0	5.1	170	<0.5	<0.5	17	12	26	24	0.07	<2.5	28	<2.5	<0.5	5.3	16	75
	20	<5.0	6.6	230	<0.5	0.9	22	15	36	100 (11) {NS}	0.1	<2.5	34	<2.5	<0.5	7	21	150
	25	<5.0	<5.0	100	<0.5	<0.5	40	8.8	14	53 (3.1)	0.08	<2.5	30	<2.5	<0.5	<5.0	31	62
	30	<5.0	<5.0	83	<0.5	<0.5	37	7.2	13	36	0.12	<2.5	28	<2.5	<0.5	<5.0	32	46
	35	<5.0	<5.0	64	<0.5	<0.5	48	4.7	8.4	12	0.11	<2.5	31	<2.5	<0.5	<5.0	26	30
	40	<5.0	6.9	110	<0.5	0.8	20	9.3	22	9.7	<0.10	<2.5	29	<2.5	<0.5	<5.0	21	61
	45	<5.0	6.6	390	0.8	3.3	19	17	32	34	<0.10	<2.5	41	<2.5	<0.5	5.7	21	81
	50	<5.0	<5.0	71	<0.5	<0.5	40	1.7	8.5	3.7	<0.10	<2.5	11	<2.5	<0.5	<5.0	11	32
T28-2	Surface	<5.0	<5.0	170	<0.5	1.1	23	9.8	28	68 (4.2)	0.15	<2.5	28	<2.5	<0.5	<5.0	21	83
	5	<5.0	<5.0	140	<0.5	0.7	27	8.2	26	58 (2.5)	<0.10	<2.5	30	<2.5	<0.5	<5.0	23	65
	6	<5.0	<5.0	120	<0.5	0.5	24	6.3	22	42	<0.10	<2.5	24	<2.5	<0.5	<5.0	20	56
	10	<5.0	6.2	220	<0.5	1.9	25	11	35	76 (9.6) {<0.02}	0.4	<2.5	35	<2.5	<0.5	<5.0	23	90
	16	<5.0	<5.0	140	<0.5	<0.5	25	5.3	27	24	0.13	<2.5	24	<2.5	<0.5	<5.0	31	50
	20	<5.0	9.2	220	<0.5	<0.5	18	13	30	17	0.2	<2.5	30	<2.5	<0.5	6	18	71
	25	<5.0	6.4	150	<0.5	0.6	16	8.7	21	10	<0.10	<2.5	25	<2.5	<0.5	<5.0	15	57
	30	<5.0	8.2	280	0.5	0.8	21	13	39	59 (7.6) {0.17}	0.4	<2.5	35	<2.5	<0.5	6	20	120
	35	<5.0	5.8	240	<0.5	0.8	21	9.5	27	130 (2.9)	0.19	<2.5	28	<2.5	<0.5	<5.0	19	97
	40	<5.0	5.2	310	<0.5	0.6	21	10	25	640 (8.2) {0.02}	0.28	<2.5	29	<2.5	<0.5	<5.0	21	140
	45	<5.0	<5.0	130	<0.5	<0.5	14	8.2	13	44	0.3	<2.5	20	<2.5	<0.5	<5.0	15	68
	50	<5.0	7.3	130	0.6	0.7	17	13	17	15	0.54	<2.5	28	<2.5	<0.5	<5.0	18	51
	55	<5.0	5.5	400	0.5	0.6	19	13	27	110 (5.7) {0.06}	0.28	<2.5	31	<2.5	<0.5	<5.0	18	78
	60	<5.0	<5.0	150	<0.5	<0.5	14	6.9	850 (8.8)	31	0.08	<2.5	21	<2.5	<0.5	6.3	13	73

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TH22-1	Surface	<5.0	5.1	220	<0.5	0.6	22	9.6	30	97 (3.5)	0.06	<2.5	28	<2.5	<0.5	<5.0	22	110
	3	<5.0	<5.0	90	<0.5	<0.5	49	7.6	21	22	0.28	<2.5	36	<2.5	<0.5	<5.0	42	47
	5	<5.0	<5.0	110	<0.5	<0.5	30	7.9	11	26	0.18	<2.5	18	<2.5	<0.5	<5.0	27	46
	10	<5.0	<5.0	40	<0.5	<0.5	70 (1.1)	8.3	11	2.3	0.07	<2.5	41	<2.5	<0.5	<5.0	55	25
TH23-1	Surface	<5.0	<5.0	120	<0.5	<0.5	36	7.4	11	11	0.12	<2.5	21	<2.5	<0.5	<5.0	32	47
	3	<5.0	<5.0	78	<0.5	<0.5	37	7.7	19	18	0.1	<2.5	30	<2.5	<0.5	<5.0	30	43
	5	<5.0	<5.0	170	<0.5	<0.5	39	9.4	27	260 (17) {.89}*	0.21	<2.5	28	<2.5	<0.5	<5.0	34	150
	10	<5.0	<5.0	57	<0.5	<0.5	45	6.1	8.2	3.9	0.12	<2.5	32	<2.5	<0.5	<5.0	53	26
TH24-1	Surface	<50	<50	<100	<5.0	<5.0	1,900 (0.27)	15	100	13	0.11	870	56	<25	<5.0	<50	210	<100
	3	<5.0	<5.0	42	<0.5	<0.5	63 (0.19)	8.7	11	2.3	<0.05	<2.5	34	<2.5	<0.5	<5.0	45	27
	5	<5.0	<5.0	41	<0.5	<0.5	58 (0.23)	8.8	9.7	2.8	<0.05	<2.5	35	<2.5	<0.5	<5.0	40	25
	10	<5.0	<5.0	28	<0.5	<0.5	46	6.5	5.9	1.3	<0.05	<2.5	39	<2.5	<0.5	<5.0	30	22
TH25-1	Surface	<5.0	<5.0	170	<0.5	<0.5	40	8.4	23	76 (5.3) {0.14}	0.53	<2.5	32	<2.5	<0.5	<5.0	34	65
	3	<5.0	<5.0	60	<0.5	<0.5	27	5.8	8.6	19	0.05	<2.5	21	<2.5	<0.5	<5.0	23	26
TH26-1	Surface	<5.0	25	310	<0.5	2.3	40	12	150	1,800 (59) {<0.02}	1.36	<2.5	36	<2.5	<0.5	6.7	32	430
	3	<5.0	5	450	<0.5	0.9	19	7.3	69	2,300 (97) {0.36}	0.93	<2.5	24	<2.5	<0.5	<5.0	24	260
	5	<5.0	5.4	190	0.5	<0.5	25	9.5	24	150 (9.4) {1.0}	0.65	<2.5	27	<2.5	<0.5	<5.0	26	73
TH27-1	Surface	<5.0	9.4	170	<0.5	1.3	42	11	99	1,100 (67) {1.1}	0.58	<2.5	40	<2.5	<0.5	<5.0	42	390
TF21-1	Surface	<5.0	6.8	270	<0.5	1.3	37	31	47	600 (43) {0.27}	0.57	<2.5	57	<2.5	<0.5	6.6	32	270
	1	<5.0	<5.0	250	0.5	0.7	30	13	40	220 (9) {0.11}	0.16	<2.5	36	<2.5	<0.5	<5.0	27	140
TF22-1	Surface	<5.0	<5.0	140	<0.5	1.0	30	7.4	41	540 (33) {0.22}	0.24	<2.5	30	<2.5	<0.5	<5.0	24	190
	1	<5.0	<5.0	320	0.6	<0.5	14	16	13	72 (3.3)	0.1	<2.5	21	<2.5	<0.5	<5.0	20	62
TF27-1	Surface	<5.0	<5.0	87	<0.5	<0.5	56 (<0.1)	6.5	6.7	<1.0	<0.05	<2.5	42	<2.5	<0.5	<5.0	33	30
	3	<5.0	<5.0	44	<0.5	<0.5	76 (<0.1)	8.3	4	3.3	<0.05	<2.5	48	<2.5	<0.5	<5.0	38	18
	5	<5.0	<5.0	38	<0.5	<0.5	40	6.4	12	4.2	0.15	<2.5	45	<2.5	<0.5	<5.0	30	15
TF28-1	Surface	<5.0	9.8	130	0.5	0.6	44	13	35	35	<0.05	<2.5	61	<2.5	<0.5	6.5	25	81
	3	<5.0	<5.0	40	<0.5	<0.5	38	4.6	8.1	100 (23) {ND}*	<0.05	<2.5	22	<2.5	<0.5	<5.0	22	41
	5	<5.0	<5.0	37	<0.5	<0.5	37	5	7	69 (3.2)	0.11	<2.5	19	<2.5	<0.5	<5.0	27	38
TF29-1	Surface	<5.0	6	84	0.5	0.7	25	9.1	39	24*	0.06	<2.5	32	<2.5	<0.5	7	29	140
	3	<5.0	5.5	180	<0.5	0.7	31	8.5	44	280 (4.3)	<0.05	<2.5	29	<2.5	<0.5	<5.0	27	150
	5	<5.0	7.1	16	0.7	0.6	30	9.7	9.3	7.1	0.58	<2.5	24	<2.5	<0.5	11	37	43
TF30-1	Surface	<5.0	6.9	190	<0.5	0.9	29	9.4	120	11*	0.45	<2.5	45	<2.5	<0.5	<5.0	28	200
	3	<5.0	5.9	130	<0.5	<0.5	27	4.5	130	210 (15) {ND}*	0.71	<2.5	18	<2.5	<0.5	<5.0	22	150
	5	<5.0	7	44	<0.5	<0.5	31	5.2	37	87 (2.9)	0.26	<2.5	21	<2.5	<0.5	<5.0	24	120

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TF31-1	Surface	<5.0	<5.0	52	0.5	<0.5	25	9	18*	5.6*	<0.05	<2.5	21	<2.5	<0.5	7.2	35	72
	3	<5.0	<5.0	41	<0.5	<0.5	8.3	2.6	6.8	2.4	<0.05	<2.5	13	<2.5	<0.5	<5.0	8.8	34
	8	<5.0	<5.0	110	<0.5	<0.5	34	8	17	18	<0.10	<2.5	32	<2.5	<0.5	<5.0	26	53
TF32-1	Surface	<5.0	6.3	190	0.6	0.7	32	15	35	26	<0.05	<2.5	46	<2.5	<0.5	5.7	26	94
	3	<5.0	10	120	<0.5	<0.5	25	13	31	12	<0.05	<2.5	39	<2.5	<0.5	10	26	85
	5	<5.0	8.5	300	0.5	<0.5	20	13	27	11	<0.05	<2.5	33	<2.5	<0.5	8.8	23	81
	10	<5.0	7.6	410	0.8	0.5	20	20	36	21	0.1	<2.5	32	<2.5	<0.5	7.9	20	84
	15	<5.0	<5.0	37	<0.5	<0.5	31	4.7	5.3	15	<0.05	<2.5	19	<2.5	<0.5	<5.0	22	35
TF33-1	Surface	<5.0	<5.0	110	<0.5	0.5	24	9.9	54	41	<0.05	<2.5	21	<2.5	<0.5	<5.0	34	70
	3	<5.0	8	220	0.6	<0.5	22	14	31	31	<0.05	<2.5	34	<2.5	<0.5	<5.0	21	81
	5	<5.0	<5.0	120	<0.5	<0.5	28	7.7	20	36	0.15	<2.5	26	<2.5	<0.5	<5.0	23	68
TF34-1	Surface	<5.0	<5.0	100	<0.5	<0.5	35	7.5	29	52 (2.8)	0.09	<2.5	28	<2.5	<0.5	<5.0	25	61
	3	<5.0	5.2	150	<0.5	1.3	45	10	86	78 (2.2)	<0.05	<2.5	36	<2.5	<0.5	<5.0	34	99
	5	<5.0	<5.0	100	<0.5	<0.5	38	5.3	80	11*	0.35	<2.5	28	<2.5	<0.5	<5.0	29	230
	10	<5.0	6.2	89	<0.5	0.8	50	6.2	82	250 (8.3) {0.35}	---	<2.5	94	<2.5	<0.5	<5.0	27	270
	15	---	---	---	---	---	---	---	---	34	---	---	---	---	---	---	---	---
TF35-1	Surface	7.3	6.5	140	<0.5	0.6	34	8.7	51	<5.0*	0.14	<2.5	31	<2.5	<0.5	<5.0	25	100
	3	<5.0	5.5	64	<0.5	<0.5	39	6.9	19	93 (4.7)	<0.05	<2.5	33	<2.5	<0.5	<5.0	31	63
	5	<5.0	7.6	47	0.7	<0.5	28	8.2	28	31	<0.05	<2.5	21	<2.5	<0.5	<5.0	27	82
TF36-1	Surface	<5.0	7.9	130	<0.5	1.6	30	6.8	190	370 (19) {1.7}*	1.7	<2.5	25	<2.5	<0.5	<5.0	28	520
	3	<5.0	6	50	<0.5	0.6	81 (0.3)	8.1	92	120 (8.6) {NS}	65 (0.13)	<2.5	32	<2.5	<0.5	<5.0	32	260
	5	<5.0	<5.0	180	1	<0.5	7.4	7	51	38	1.6	<2.5	12	<2.5	<0.5	<5.0	20	83
	10	<5.0	<5.0	420	1.9	<0.5	7.3	7.6	100	29	<0.10	<2.5	16	<2.5	<0.5	<5.0	39	67

BORING	DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TNF36-1	Surface	<5.0	9.0	51	<0.5	<0.5	27	5.3	21	318 (2.8)	3.8 (NS)	<2.5	24	<2.5	<0.5	<5.0	28	100
	3	<5.0	<5.0	12	<0.5	<0.5	33	3.5	3.8	2.3	<0.05	<2.5	16	<2.5	<0.5	<5.0	23	19
	5	<5.0	<5.0	12	<0.5	<0.5	33	4.7	<2.5	2.9	<0.05	<2.5	17	<2.5	<0.5	<5.0	19	26
TNF37-1	Surface	<5.0	12	140	<0.5	<0.5	32	5.6	30	32	0.10	4.4	24	<2.5	<0.5	<5.0	33	70
	3	<5.0	7.7	140	<0.5	<0.5	47	5.4	31	40	0.12	9.4	26	<2.5	<0.5	<5.0	31	69
	5	<5.0	8.7	190	<0.5	<0.5	25	5.2	28	20	0.11	<2.5	25	<2.5	<0.5	<5.0	36	49
TNF38-1	Surface	<5.0	7.9	47	<0.5	<0.5	26	4.9	53	24*	1.1	<2.5	21	<2.5	<0.5	<5.0	18	88
	3	<5.0	<5.0	<10	<0.5	<0.5	31	3.5	3.2	1.1	<0.05	<2.5	14	<2.5	<0.5	<5.0	20	20
	5	<5.0	<5.0	10	<0.5	<0.5	27	3.2	3.0	15	<0.05	<2.5	14	<2.5	<0.5	<5.0	16	20
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:

Depth is in feet below ground surface

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by their symbol on the periodic table of elements.

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.

(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)

{3.3} = Soluble concentration after a TCLP, presented in mg/l.

NS = Not Sufficient Sample to Analyze

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration.

* = Soil sample resampled and reanalyzed

TABLE 16

SUMMARY OF ANALYTICAL RESULTS: ORGANICS
SEISMIC RETROFIT OF THE WEST APPROACH
SAN FRANCISCO - OAKLAND BAY BRIDGE
PERMANENT AND TEMPORARY COLUMNS

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
TNF2-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
TNF2-2	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
TNF3-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
TNF3-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
TNF6-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	—	—
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
TNF6-2	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	60	<5.0	<5.0	<5.0	<15	ND	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
TNF7-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
TNF7-2	Surface	100	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	—	—	—	—	—	—	—	ND
TNF7-3	Surface	—	<5.0	<5.0	<5.0	<15	—	ND	—
	3	—	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
TNF7-4	Surface	90	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	5.9	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
TNF8-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
TNF8-2	Surface	<10	<5.0	<5.0	<5.0	<15	ND	9.8	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T1-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T1-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T1-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T1-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T1-5	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	100	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T2-2	Surface	—	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	—
T2-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T2-4	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T2-5	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T3-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	390
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T3-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	100	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T3-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	450
	10	—	—	—	—	—	—	—	ND
T3-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T4-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T4-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	170	<5.0	<5.0	<5.0	<15	—	—	2680
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T4-3	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T4-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	330
	15	—	—	—	—	—	—	—	ND
T4-5	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	590	<5.0	<5.0	<5.0	<15	—	ND	—
	5	210	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T5-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	970
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T5-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	110	<5.0	<5.0	<5.0	<15	—	ND	—
T5-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T5-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T5-5	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	200	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T6-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T6-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T6-3	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	15	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T6-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T7-1A	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T7-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T7-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	100	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T7-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T8-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T8-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T8-3	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T8-4	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T9-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	56	—
T9-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—	890
T9-3	Surface	270	<5.0	<5.0	<5.0	<15	—	8.2	—
	3	250	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T10-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T10-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T10-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T11-1	Surface	—	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T11-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T11-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T12-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	—
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T12-3	Surface	130	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T13-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T13-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T13-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T14-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T14-2	Surface	170	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T14-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T15-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T15-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T15-3	Surface	200	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T16-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
T17-1	Surface	<10	<5.0	<5.0	<5.0	18.3	—	18.3	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	5,400
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
T18-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T19-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T19-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T20-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
T20-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
T22-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	—
T22-2	Surface	20	<5.0	<5.0	<5.0	<15	—	ND	—
	4	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T23-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	1	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T24-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T24-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T24-3	Surface	40	<5.0	<5.0	<5.0	<15	—	ND	—
T25-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND		ND
	3	<10	<5.0	<5.0	<5.0	<15	ND		ND
	5	<10	<5.0	<5.0	<5.0	<15	ND		ND
	15	<10	<5.0	<5.0	<5.0	<15	ND		ND
T25-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	15	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	20	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T25-3	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	15	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	20	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND	—
T26-1	Surface	<10	<5.0	<5.0	<5.0	<15	220 (1260)	—	ND
	3	<10	<5.0	<5.0	<5.0	<15	140 (1260)	—	ND
	5	50	<5.0	<5.0	<5.0	<15	ND	—	ND
	10	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	15	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	20	<10	<5.0	<5.0	<5.0	<15	ND	—	ND
	25	<10	<5.0	<5.0	<5.0	<15	—	—	ND
T26-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	10	<10	<5.0	<5.0	<5.0	<15	—	6.8	—
	15	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	20	<10	<5.0	<5.0	<5.0	<15	—	5.2	—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND	—
	30	<10	<5.0	<5.0	<5.0	<15	—	ND	—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC			SVOC
T27-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	—			ND
	3	<10	<5.0	<5.0	<5.0	<15	—	—			ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—			ND
	10	<10	<5.0	<5.0	<5.0	<15	—	—			ND
	15	<10	<5.0	<5.0	<5.0	<15	—	—			ND
	20	<10	<5.0	<5.0	<5.0	<15	—	—			ND
	25	<10	<5.0	<5.0	<5.0	<15	—	—			ND
T27-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	2	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	4	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	15	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	20	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	30	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	35	<10	<5.0	<5.0	<5.0	<15	—	ND			—
T28-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
	3	<10	<5.0	<5.0	<5.0	<15	0.04 (1260)	—			ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
	10	<10	<5.0	<5.0	<5.0	<15	0.19 (1260)	—			ND
	15	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
	20	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
	25	<10	<5.0	<5.0	<5.0	<15	0.31 (1260)	—			ND
	30	<10	<5.0	<5.0	<5.0	<15	0.22 (1260)	—			ND
	35	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
	40	<10	<5.0	<5.0	<5.0	<15	0.14 (1260)	—			ND
	45	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
	50	<10	<5.0	<5.0	<5.0	<15	ND	—			ND
T28-2	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	5	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	6	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	10	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	16	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	20	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	25	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	30	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	35	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	40	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	45	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	50	<10	<5.0	<5.0	<5.0	<15	—	ND			—
	55	<10	<5.0	<5.0	<5.0	<15	—	ND			—
TH22-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND			430
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND			ND
	5	70	<5.0	<5.0	<5.0	<15	ND	ND			740
	10	<10	—	—	—	—	—	—			—

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
TH23-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
TH24-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	710
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	10	<10	<5.0	<5.0	<5.0	<15	ND	ND	330
TH25-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	20,260
	3	—	<5.0	<5.0	<5.0	<15	—	ND	ND
TH26-1	Surface	80	<5.0	<5.0	<5.0	15	120 (1260)	ND	ND
	3	410	<5.0	<5.0	<5.0	<15	ND	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
TH27-1	Surface	90	<5.0	<5.0	<5.0	<15	—	ND	ND
TF21-1	Surface	240	<5.0	<5.0	<5.0	<15	0.97 (1254/1260)	ND	ND
	1	140	<5.0	<5.0	<5.0	<15	0.14 (1260)	ND	ND
TF22-1	Surface	60	<5.0	<5.0	<5.0	<15	0.6 (1232/1260)	ND	ND
	1	<10	<5.0	<5.0	<5.0	<15	0.16 (1260)	ND	ND
TF27-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
TF28-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
TF29-1	Surface	50	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	2690
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
TF30-1	Surface	80	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
TF31-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	—	<5.0	<5.0	<5.0	<15	ND	ND	ND
	8	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
TF32-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	10	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	15	<10	<5.0	<5.0	<5.0	<15		ND	ND
TF33-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND

BORING NUMBER	SAMPLE DEPTH	TPH-S	BENZENE	TOLUENE	E-BENZENE	XYLENES	PCB	VOC	SVOC
TF34-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
TF35-1	Surface	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
	3	910	<5.0	<5.0	<5.0	<15	ND	ND	670
	5	<10	<5.0	<5.0	<5.0	<15	ND	ND	ND
TF36-1	Surface	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	3	<10	<5.0	<5.0	<5.0	<15	—	ND	ND
	5	—	<5.0	<5.0	<5.0	<15	—	ND	ND
	10	—	<5.0	<5.0	<5.0	<15	—	ND	ND
TF37-1	Surface	550	<5.0	<5.0	<5.0	<15	—	ND	—
	3	220	<5.0	<5.0	<5.0	<15	—	ND	—
	5	240	<5.0	<5.0	<5.0	<15	—	ND	—
TF38-1	Surface	20	<5.0	<5.0	<5.0	<15	—	—	1,156
	3	<10	<5.0	<5.0	<5.0	<15	—	—	ND
	5	<10	<5.0	<5.0	<5.0	<15	—	—	ND

Notes:
All concentrations are presented in milligrams per kilogram unless noted
Sample depth is presented in feet below ground surface
ND = Not Detected
— = Not Analyzed
TPH-S = Total Petroleum Hydrocarbon Speciation
VOC = Total of Volatile Organic Compounds Detected (presented in micrograms per kilogram)
VOC concentrations do not include acetone and methylene chloride, as these are common laboratory contaminants.
SVOC = Total of Semi-Volatile Organic Compounds Detected (presented in micrograms per kilogram)
SVOC concentrations do not include phthalate compounds, as these are common laboratory contaminants.
PCB = Total of Polychlorinated Biphenyls compounds detected (type of PCB in parentheses)

TABLE 29

SUMMARY OF ANALYTICAL RESULTS: METALS
TRANSBAY TERMINAL, SAN FRANCISCO

PERMENANT AND TEMPORARY COLUMNS

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB2-1	Surface	<5.0	<5.0	120	<0.5	0.5	23	9.4	33	9.5	0.09	<2.5	33	<2.5	<0.5	<5.0	23	66
	3	<5.0	<5.0	140	<0.5	0.5	26	12	37	8.3	0.05	<2.5	39	<2.5	<0.5	<5.0	26	81
	5	<5.0	<5.0	160	<0.5	<0.5	27	13	36	8.9	<0.05	<2.5	43	<2.5	<0.5	<5.0	24	79
TTB2-2	Surface	<5.0	<5.0	190	<0.5	<0.5	25	17	35	33	0.13	<2.5	41	<2.5	<0.5	<5.0	23	98
	3	<5.0	<5.0	340	<0.5	0.6	40	6.5	190	**1400 (56) {1.6}**	2.2 (0.011)	<2.5	22	<2.5	<0.5	<5.0	26	400
	5	<5.0	<5.0	190	<0.5	0.5	31	5.9	100	**1500 (67) {2.4}**	1.1	<2.5	19	<2.5	<0.5	<5.0	27	280
	10	---	---	---	---	---	---	---	---	**1200 {3.7}**	---	---	---	---	---	---	---	---
	15	---	---	---	---	---	---	---	---	390	---	---	---	---	---	---	---	---
TTB3-1	Surface	<5.0	<5.0	160	<0.5	0.5	26	11	38	10	0.08	<2.5	37	<2.5	<0.5	<5.0	26	84
	3	<5.0	<5.0	180	<0.5	<0.5	23	9.9	31	7.8	<0.05	<2.5	34	<2.5	<0.5	<5.0	23	71
	5	<5.0	<5.0	170	<0.5	0.6	17	7.1	20	11	<0.05	<2.5	24	<2.5	<0.5	<5.0	19	54
TTB3-2	Surface	<5.0	<5.0	190	<0.5	0.6	25	11	33	21	0.12	<2.5	38	<2.5	<0.5	<5.0	24	83
	3	<5.0	<5.0	270	<0.5	0.6	26	14	33	11	<0.05	<2.5	43	<2.5	<0.5	7	25	81
	5	<5.0	7	220	<0.5	0.6	23	16	30	11	0.24	<2.5	33	<2.5	<0.5	<5.0	23	76
TTB4-1	Surface	<5.0	<5.0	36	<0.5	0.6	50 (0.3)	3.8	9.6	5.9	0.06	<2.5	38	<2.5	<0.5	<5.0	38	19
	3	<5.0	<5.0	77	<0.5	<0.5	20	10	28	7.2	<0.05	<2.5	35	<2.5	<0.5	<5.0	18	73
	5	<5.0	<5.0	55	<0.5	<0.5	21	6.5	22	5	<0.05	<2.5	32	<2.5	<0.5	<5.0	24	42
TTB4-2	Surface	<5.0	<5.0	90	<0.5	<0.5	50 (0.1)	9.4	16	6.8	<0.05	<2.5	46	<2.5	<0.5	<5.0	39	43
	3	<5.0	<5.0	48	<0.5	<0.5	54 (1.3)	9.6	5.9	2.5	<0.05	<2.5	36	<2.5	<0.5	<5.0	38	30
	5	<5.0	<5.0	47	<0.5	<0.5	45	10	6.7	2.7	<0.05	<2.5	36	<2.5	<0.5	<5.0	34	31
TTB7-1	Surface	<5.0	<5.0	150	<0.5	0.6	31	15	30	46	0.16	<2.5	37	<2.5	<0.5	<5.0	31	76
	3	<5.0	8.5	240	<0.5	0.6	20	19	38	13	0.11	<2.5	44	<2.5	<0.5	<5.0	22	88
	5	<5.0	5.8	180	<0.5	0.7	21	14	34	18	0.05	<2.5	42	<2.5	<0.5	<5.0	23	83
TTB7-2	Surface	<5.0	<5.0	160	0.5	0.6	30	13	28	64 (2.3)	0.15	<2.5	38	<2.5	<0.5	<5.0	27	90
	3	<5.0	<5.0	200	<0.5	0.7	50 (0.3)	15	31	13	0.06	<2.5	120	<2.5	<0.5	5.6	28	71
	5	<5.0	<5.0	160	<0.5	0.7	35	14	26	12	0.57	<2.5	86	<2.5	<0.5	<5.0	23	63
TTB8-1	Surface	<5.0	6.5	240	0.6	0.8	29	19	29	45	0.1	<2.5	44	<2.5	<0.5	9.6	29	78
	3	<5.0	<5.0	10	<0.5	<0.5	24	3.9	<2.5	6.0	<0.05	<2.5	17	<2.5	<0.5	<5.0	15	14
	5	<5.0	<5.0	9.6	<0.5	<0.5	20	3.6	<2.5	3.0	<0.05	<2.5	17	<2.5	<0.5	<5.0	14	11
TTB8-2	Surface	<5.0	<5.0	46	<0.5	<0.5	63 (0.6)	5.6	10	7.2	<0.05	<2.5	48	<2.5	<0.5	<5.0	16	30
	3	<5.0	<5.0	57	<0.5	0.5	22	8.2	12	39	<0.05	<2.5	22	<2.5	<0.5	<5.0	26	62
	5	<5.0	<5.0	160	<0.5	<0.5	41	18	110	85 (0.9)	0.11	<2.5	91	<2.5	<0.5	<5.0	27	310
TTB8-3	Surface	<5.0	<5.0	200	<0.5	0.7	27	16	42	38	0.84	<2.5	45	<2.5	<0.5	<5.0	27	98
	3	<5.0	<5.0	110	<0.5	<0.5	25	10	23	23	0.83	<2.5	43	<2.5	<0.5	<5.0	21	55
	5	<5.0	<5.0	120	<0.5	0.5	28	13	25	14	<0.05	<2.5	39	<2.5	<0.5	<5.0	25	60
TTB9-1	1	<5.0	<5.0	180	0.5	0.7	51 (0.1)	15	31	35	0.12	<2.5	67	<2.5	<0.5	8.0	31	87
	3	<5.0	<5.0	180	<0.5	0.7	23	16	25	18	0.09	<2.5	45	<2.5	<0.5	7.2	26	69
	5	<5.0	<5.0	150	<0.5	0.5	23	12	18	18	0.10	<2.5	40	<2.5	<0.5	5.3	21	54
	10	<5.0	<5.0	39	<0.5	<0.5	31	5.5	4.9	9.9	0.09	<2.5	20	<2.5	<0.5	<5.0	26	19
TTB9-2	1	<5.0	<5.0	210	<0.5	0.9	37	11	150	380 (4.2)	0.41	<2.5	45	<2.5	<0.5	5.8	28	230
	3	<5.0	<5.0	260	<0.5	0.6	32	13	28	28	0.17	<2.5	43	<2.5	<0.5	8.1	26	70
	5	<5.0	<5.0	57	<0.5	4.0	13	8.5	10	1,800 {82}*	0.17	<2.5	19	<2.5	<0.5	11	14	76
	10	<5.0	<5.0	99	<0.5	<0.5	44	11	14	32	0.17	<2.5	31	<2.5	<0.5	<5.0	38	60

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB9-3	1	<50	110 (<10)	4,900 (<20)	<5.0	**220 (11)**	310 (2.6)	<10	910 (16)	**67,000 (2,100) {4.4}**	0.13	<25	21	<25	<5.0	17	20	**56,000 (4,400)**
	3	<50	130 (<10)	4,300 (39)	<5.0	**270 (12)**	380 (2.6)	<10	350 (15)	**83,000 (2,600) {280}**	**3.1 (4.7)**	<25	20	<25	<5.0	19	16	**56,000 (4,000)**
	5	<50	150 (<10)	2,500 (<20)	<5.0	**150 (7.2)**	160 (2.0)	<10	290 (8.9)	**2,300 {24}***	0.14	<25	25	<25	<5.0	12	22	**33,000 (2,500)**
	10	<5.0	<5.0	70	<0.5	<0.5	34	5.0	43	240 (0.4)	<0.05	<2.5	20	<2.5	<0.5	<5.0	21	52
TTB9-4	1	<5.0	49	160	<0.5	1.9	33	16	160	**580 (42) {1.7}**	0.23	<2.5	37	<2.5	<0.5	14	41	470
	3	<5.0	60	350	<0.5	1.9	31	10	180	16*	2.3 (<0.002)	<2.5	33	<2.5	<0.5	7.5	33	410
	5	<5.0	7.2	550	<0.5	5.9	**48 (6.2)**	5.3	**520 (63)**	**3100 (95) {18}**	0.58	<2.5	22	<2.5	<0.5	<5.0	28	2200
	10	<5.0	<5.0	110	<0.5	<0.5	34	4.6	10	450 (3.5)	0.10	<2.5	17	<2.5	<0.5	<5.0	27	35
TTB10-1	1	<5.0	6.4	95	<0.5	<0.5	29	6.7	41	**150 (8.1) {0.19}**	0.36	<2.5	22	<2.5	<0.5	<5.0	28	110
	3	<5.0	5.8	240	0.5	0.6	35	17	27	110 (0.6)	0.07	<2.5	51	<2.5	<0.5	11	30	71
	5	<5.0	5	170	<0.5	<0.5	26	15	20	43	0.12	<2.5	33	<2.5	<0.5	8	26	55
	10	<5.0	<5.0	20	<0.5	<0.5	24	4.4	17	33	0.85	<2.5	18	<2.5	<0.5	<5.0	17	57
	15	<5.0	<5.0	12	<0.5	<0.5	25	6.8	1.9	3.2	1.8	<2.5	18	<2.5	<0.5	<5.0	17	30
TTB10-2	1	<5.0	5	170	<0.5	2.4	37	12	110	47*	0.36	<2.5	38	<2.5	<0.5	7.3	27	240
	3	<5.0	6.7	170	<0.5	0.7	29	11	69	**230 (6.2) {0.81}***	0.18	<2.5	38	<2.5	<0.5	9.9	25	93
	5	<5.0	5.4	160	<0.5	<0.5	33	13	24	24	<0.05	<2.5	44	<2.5	<0.5	12	28	71
	10	<5.0	<5.0	22	<0.5	<0.5	20	3.7	19	38	0.39	<2.5	16	<2.5	<0.5	<5.0	14	61
TTB11-1	1	<5.0	7.4	89	0.5	0.5	25	11	18	25	0.48	<2.5	30	<2.5	<0.5	10	24	56
	3	<5.0	8.0	130	0.6	0.9	32	15	33	32	0.1	<2.5	67	<2.5	<0.5	15	35	97
	5	<5.0	12	160	<0.5	<0.5	27	6.4	25	12	<0.05	<2.5	39	<2.5	<0.5	18	29	54
	10	<5.0	<5.0	23	<0.5	<0.5	20	3.5	8.2	**61 (36) {<0.02}**	2.9 (0.06)	<2.5	17	<2.5	<0.5	<5.0	15	20
	15									1.7								
TTB11-2	Surface	<5.0	9	130	<0.5	1.3	25	8.9	99	**200 (22) {1.5}***	3.1 (<0.002)	<2.5	30	<2.5	<0.5	<5.0	25	240
	3	<5.0	5.6	210	<0.5	0.7	22	16	30	50 (1.4)	0.1	<2.5	38	<2.5	<0.5	<5.0	22	86
	5	<5.0	<5.0	53	<0.5	0.8	21	3.4	22	**280 (61) {3.8}**	3.5 {0.012}	<2.5	14	<2.5	<0.5	<5.0	16	340
	10	<5.0	<5.0	12	<0.5	0.5	20	3.4	3.8	3.2	0.13	<2.5	14	<2.5	<0.5	<5.0	16	21
TTB12-1	Surface	<5.0	7.3	83	0.5	0.7	26	9.7	35	30	0.07	<2.5	40	<2.5	<0.5	12	28	70
	3	<5.0	<5.0	40	<0.5	<0.5	27	4.7	17	**83 {8.2) {0.13}**	0.06	<2.5	18	<2.5	<0.5	3.2	21	67
	5	<5.0	5.8	68	<0.5	0.5	29	7.4	43	**120 (9.8) {0.10}**	0.38	<2.5	22	<2.5	<0.5	9.1	24	100
	10									3.3								
TTB12-2	Surface	<5.0	8.2	140	0.5	0.7	23	13	28	33	0.16	<2.5	38	<2.5	<0.5	11	24	86
	3	<5.0	<5.0	96	<0.5	0.9	25	6.1	59	25*	0.16	<2.5	22	<2.5	<0.5	6.8	23	350
	5	<5.0	9.5	260	0.6	0.7	22	21	42	46	0.21	41	<1.0	<2.5	<0.5	13	21	81
	10	<5.0	<5.0	13	<0.5	<0.5	22	3.8	<2.5	<1.0	<0.05	18	<1.0	<2.5	<0.5	<5.0	15	12
TTB13-1	Surface	71	<5.0	500	<0.5	<0.5	42	13	270 (2.2)	**2400 (7.0) {1.2}**	0.30	2.6	50	<2.5	<0.5	<5.0	42	1300
	3	<5.0	<5.0	29	<0.5	<0.5	32	4.7	2.6	17	<0.05	<2.5	18	<2.5	<0.5	<5.0	25	36
	5	<5.0	<5.0	28	<0.5	<0.5	29	4.2	<2.5	4.3	<0.05	<2.5	17	<2.5	<0.5	<5.0	22	25
	10	<5.0	<5.0	26	<0.5	<0.5	37	4.8	<2.5	10	<0.05	<2.5	18	<2.5	<0.5	<5.0	25	52
TTB13-2	S	<5.0	7.4	150	<0.5	0.9	27	9.4	54	99 (3.9)*	0.18	<2.5	29	<2.5	<0.5	8.8	29	290
	3	<5.0	<5.0	77	<0.5	0.7	27	5.8	38	100 (1.7)	0.36	<2.5	21	<2.5	<0.5	<5.0	30	210
	5	<5.0	<5.0	130	<0.5	<0.5	40	8.5	6.8	4.1	0.08	<2.5	23	<2.5	<0.5	<5.0	36	34
	10	<5.0	<5.0	22	<0.5	<0.5	30	4.2	<2.5	3.2	<0.05	<2.5	17	<2.5	<0.5	<5.0	22	24
TTB14-1	Surface	<5.0	12	170	<0.5	0.5	32	14	31	42	<0.05	<2.5	54	<2.5	<0.5	12	30	140
	3	<5.0	5	81	<0.5	<0.5	28	7.9	10	24	<0.05	<2.5	22	<2.5	<0.5	5.4	23	49
	5	<5.0	8	170	<0.5	<0.5	20	13	21	26	<0.05	<2.5	31	<2.5	<0.5	8.2	19	67
	10	<5.0	<5.0	16	<0.5	<0.5	25	2.8	<2.5	<1.0	<0.05	<2.5	13	<2.5	<0.5	<5.0	19	20

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	[illegible]	[illegible]	[illegible]	ZN
TTB14-2	Surface	<5.0	7.2	140	<0.5	1.0	30	9.1	76	150 (4.6)	<0.05	<2.5	31	<2.5	<0.5	8.4	30	160
	3	<5.0	<5.0	250	<0.5	<0.5	20	11	28	19*	<0.05	<2.5	32	<2.5	<0.5	6.5	17	80
	5	<5.0	<5.0	93	<0.5	0.6	25	11	30	50 (3.6)	<0.05	<2.5	34	<2.5	<0.5	8.6	22	90
	10	<5.0	<5.0	72	<0.5	<0.5	27	4.8	17	59 (2.1)	<0.05	<2.5	17	<2.5	<0.5	<5.0	22	90
	15									32					<0.5	<5.0		[illegible]
TTB15-1	Surface	<5.0	<5.0	230	0.5	<0.5	29	15	24	23	0.15	<2.5	38	<2.5	<0.5	7.9	25	75
	3	<5.0	8.8	200	0.6	<0.5	24	17	28	20	0.25	<2.5	41	<2.5	<0.5	8.1	23	78
	5	<5.0	5.5	120	<0.5	<0.5	22	7.1	29	110 (7.6) {2.6}	0.50	<2.5	26	<2.5	<0.5	<5.0	20	94
	10	<5.0	4.5	200	<0.5	<0.5	25	4.3	18	880 (0.6)	<0.05	<2.5	18	<2.5	<0.5	<5.0	22	310
TTB15-2	Surface	<5.0	7.1	150	<0.5	0.5	41	11	26	310 (20) {1.3}*	0.29	<2.5	50	<2.5	<0.5	8.3	31	180
	3	<5.0	11	180	0.5	0.5	27	15	32	36	0.18	<2.5	37	<2.5	<0.5	7.7	25	74
	5	<5.0	8.8	210	<0.5	0.5	34	16	28	48	0.28	<2.5	100	<2.5	<0.5	12	26	84
	10	<5.0	4.7	96	<0.5	<0.5	27	4.2	34	210 (2.2)	<0.05	<2.5	19	<2.5	<0.5	<5.0	22	150
TTB16-1	Surface	<5.0	<5.0	180	<0.5	<0.5	29	11	24	44	0.37	<2.5	56	<2.5	<0.5	8	16	85
	3	<5.0	<5.0	230	<0.5	<0.5	23	9.8	15	31	0.18	<2.5	32	<2.5	<0.5	6.3	20	60
	5	<5.0	<5.0	110	0.5	<0.5	30	12	11	19	0.10	<2.5	44	<2.5	<0.5	5.2	21	44
	10	<5.0	6.2	140	<0.5	<0.5	20	9.6	21	24	0.17	<2.5	47	<2.5	<0.5	7.4	21	88
TTB16-2	Surface	<5.0	7	170	<0.5	<0.5	18	13	19	18	0.22	<2.5	32	<2.5	<0.5	6.1	18	66
	3	<5.0	<5.0	230	<0.5	<0.5	24	13	22	38	0.27	<2.5	33	<2.5	<0.5	6.1	20	85
	5	<5.0	<5.0	210	0.5	0.8	31	15	17	53 (3.4)	0.08	<2.5	41	<2.5	<0.5	8.3	27	66
	10	<5.0	8.9	57	<0.5	0.8	9.9	11	39	9.6	0.11	<2.5	51	<2.5	<0.5	11	23	73
TTB16-3	Surface	<5.0	<5.0	110	<0.5	0.6	56 (0.1)	12	17	31*	0.13	<2.5	61	<2.5	<0.5	8.5	28	68
	3	<5.0	<5.0	170	<0.5	0.9	20	14	23	16	0.20	<2.5	36	<2.5	<0.5	6.2	18	69
	5	<5.0	<5.0	120	<0.5	0.6	35	9.6	25	120 (8.5) {0.12}	0.59	<2.5	45	<2.5	<0.5	7.3	24	120
	10	<5.0	5.5	300	<0.5	0.6	24	13	35	16	0.22	<2.5	36	<2.5	<0.5	11	24	84
TTB17-1	Surface	<5.0	<5.0	140	<0.5	<0.5	22	16	32	40	0.16	<2.5	59	<2.5	<0.5	5.2	23	66
	3	<50	<50	240	<5.0	<5.0	48	22	48	14	0.16	<25	140	<25	<5.0	<5.0	37	110
	5	<5.0	8.5	230	0.5	0.5	31	16	37	11	0.15	<2.5	110	<2.5	<0.5	11	31	80
	10	<5.0	5.6	220	<0.5	<0.5	24	13	30	22	0.08	<2.5	66	<2.5	<0.5	7.7	26	69
TTB17-2	Surface	<5.0	5.7	180	<0.5	<0.5	26	14	38	43	0.25	<2.5	42	<2.5	<0.5	8.7	26	83
	3	<5.0	5.7	120	<0.5	<0.5	16	10	27	31	0.34	<2.5	35	<2.5	<0.5	5.2	22	70
	5	<5.0	11	370	0.6	0.6	14	16	38	13	<0.05	<2.5	55	<2.5	<0.5	12	28	95
	10	<5.0	7.5	250	<0.5	0.5	34	16	35	8.5	0.06	<2.5	120	<2.5	<0.5	10	27	71
TTBDD-1	Surface	<5.0	9.4	130	<0.5	<0.5	20	11	33	24	0.21	<2.5	31	<2.5	<0.5	<5.0	18	81
	3	<5.0	5.3	250	<0.5	<0.5	16	6.9	11	8.0	<0.05	<2.5	23	<2.5	<0.5	<5.0	15	44
	5	15	<5.0	27	<0.5	<0.5	25	4.4	24	190 (12) {0.08}	0.14	<2.5	19	<2.5	<0.5	<5.0	19	38
	10	<5.0	<5.0	43	<0.5	<0.5	30	5.2	39	200 (85) {0.62}	0.38	<2.5	20	<2.5	<0.5	<5.0	21	100
	15									25								
TTBDD-2	Surface	<5.0	<5.0	95	<0.5	<0.5	29	6.6	47	150 (4.5)	0.1	<2.5	23	<2.5	<0.5	<5.0	23	84
	3	<5.0	<5.0	120	<0.5	<0.5	29	7.4	70	120 (6.7) {0.06}	0.21	<2.5	23	<2.5	<0.5	<5.0	24	93
	5	<5.0	<5.0	170	<0.5	<0.5	22	7.1	13	19	0.07	<2.5	21	<2.5	<0.5	<5.0	21	42
	10	<5.0	<5.0	240	<0.5	<0.5	24	11	17	25	0.23	<2.5	27	<2.5	<0.5	<5.0	22	48
TTBCC-1	Surface	<5.0	<5.0	61	<0.5	<0.5	36	6.9	15	54 (0.7)	0.09	<2.5	23	<2.5	<0.5	<5.0	29	62
	3	<5.0	16	44	<0.5	0.7	34	6.3	220	200 (8.5) {0.02}	0.18	<2.5	25	<2.5	74	.4 (0.	25	170
	5	<5.0	<5.0	31	<0.5	3.2	32	4.9	21	62 (10) {0.15}	0.48	<2.5	22	<2.5	<0.5	<5.0	23	900
	10									68 (14) {0.02}								
	15									ND								

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	[illegible]	[illegible]	[illegible]	[illegible]
TTBCC-2	Surface	<5.0	<5.0	230	0.6	0.5	22	22	36	26	0.05	<2.5	40	<2.5	<0.5	8.6	24	97
	3	<5.0	<5.0	18	<0.5	<0.5	28	4.2	8.9	41	0.18	<2.5	18	<2.5	<0.5	<5.0	21	35
	5	<5.0	<5.0	150	<0.5	<0.5	28	4.3	20	100 (4.4)	0.32	<2.5	19	<2.5	<0.5	<5.0	21	82
TTBBB-1	Surface	<5.0	<5.0	43	<0.5	<0.5	25	5.6	25	62 (0.5)	0.33	<2.5	20	<2.5	<0.5	<5.0	23	88
	3	<5.0	<5.0	85	<0.5	<0.5	24	7.5	34	20	0.30	<2.5	33	<2.5	<0.5	<5.0	21	55
	5	<5.0	<5.0	44	<0.5	<0.5	25	4.9	21	40	0.32	<2.5	20	<2.5	<0.5	<5.0	23	50
	10	<5.0	<5.0	26	<0.5	<0.5	27	4.3	20	68 (6.1) {0.03}	0.47	<2.5	17	<2.5	<0.5	<5.0	22	74
TTBBB-2	Surface	<5.0	7.2	36	<0.5	<0.5	25	4.5	24	71 (<0.2)	0.28	<2.5	21	<2.5	<0.5	<5.0	20	140
	3	<5.0	<5.0	46	<0.5	<0.5	28	4.7	29	130 (10) {0.16}	0.65	<2.5	22	<2.5	<0.5	<5.0	21	150
	5	<5.0	<5.0	57	<0.5	<0.5	29	5.1	49	160 (11) {0.30}	0.63	<2.5	31	<2.5	<0.5	<5.0	21	180
	10	<5.0	<5.0	61	<0.5	<0.5	26	4.2	44	140 (10) {<0.02}	0.41	<2.5	22	<2.5	<0.5	<5.0	20	190
	15									<1								
TTBAA-1	Surface	<5.0	<5.0	53	<0.5	<0.5	31	4.9	21	72 (3.3)	0.34	<2.5	31	<2.5	<0.5	<5.0	18	84
	3	<5.0	<5.0	73	<0.5	0.6	26	4.1	43	160 (19) {0.14}	0.62	<2.5	19	<2.5	<0.5	<5.0	20	330
	5	19	6.7	81	<0.5	1.4	23	5.4	77	1,600 (43) {0.27}	2.2 (0.005)	<2.5	21	<2.5	<0.5	<5.0	32	380
	10	<5.0	<5.0	41	<0.5	<0.5	30	4.5	83	120 (6.9) {2.0}	0.43	<2.5	18	<2.5	<0.5	<5.0	19	74
	15									<1								
TTBAA-2	Surface	<5.0	5.1	300	0.8	<0.5	28	24	44	16	0.08	<2.5	51	<2.5	<0.5	5.9	26	88
	3	<5.0	<5.0	42	<0.5	<0.5	34	4.9	21	76 (3.7)	0.31	<2.5	25	<2.5	<0.5	<5.0	22	140
	5	<5.0	<5.0	43	<0.5	<0.5	34	5.0	15	80 (7.0) {<0.02}	0.23	<2.5	21	<2.5	<0.5	<5.0	25	70
	10	<5.0	<5.0	44	<0.5	<0.5	33	4.8	36	140 (6.5) {0.20}	0.34	<2.5	20	<2.5	<0.5	<5.0	23	170
	15									1.1								
TTBZ-1	Surface	<5.0	9.6	160	<0.5	<0.5	20	11	25	32	<0.05	<2.5	32	<2.5	<0.5	7.5	21	84
	3	<5.0	<5.0	74	<0.5	0.7	31	4.7	81	130 (14) {ND}*	0.45	<2.5	28	<2.5	<0.5	<5.0	22	250
	5	<5.0	<5.0	64	<0.5	<0.5	30	4.1	82	170 (17) {0.73}	0.57	<2.5	22	<2.5	<0.5	<5.0	21	200
	10	<5.0	<5.0	62	<0.5	<0.5	26	3.5	9.9	44	0.17	<2.5	15	<2.5	<0.5	<5.0	20	83
TTBZ-2	Surface	<5.0	<5.0	170	6	0.5	22	15	30	9.7	0.34	<2.5	40	<2.5	<0.5	5.9	19	73
	3	<5.0	<5.0	39	<0.5	<0.5	30	4.6	12	250 (12) {0.18}	0.23	<2.5	19	<2.5	<0.5	<5.0	23	110
	5	<5.0	<5.0	42	<0.5	<0.5	32	4.5	13	120 (9.6) {0.63}	0.19	<2.5	19	<2.5	<0.5	<5.0	23	86
	10	<5.0	<5.0	20	<0.5	<0.5	25	4.2	9.3	38	0.13	<2.5	18	<2.5	<0.5	<5.0	19	62
TTBY-1	Surface	<5.0	5.5	180	0.5	0.7	22	14	28	16	0.45	<2.5	40	<2.5	<0.5	<5.0	24	79
	3	<5.0	<5.0	30	<0.5	<0.5	37	4.3	11	39	<0.05	<2.5	17	<2.5	<0.5	<5.0	26	61
	5	<5.0	<5.0	22	<0.5	<0.5	27	3.8	<2.5	23	<0.05	<2.5	16	<2.5	<0.5	<5.0	22	34
	10	<5.0	<5.0	32	<0.5	<0.5	28	4.0	29	59 (8.1) {0.34}	0.1	<2.5	17	<2.5	<0.5	<5.0	22	78
	15									6.9								
TTBY-2	Surface	<5.0	<5.0	94	<0.5	<0.5	29	6.8	29	140 (4.5)	0.15	<2.5	22	<2.5	<0.5	<5.0	22	170
	3	<5.0	<5.0	48	<0.5	<0.5	26	4.5	18	79 (3.6)	0.14	<2.5	18	<2.5	<0.5	<5.0	19	180
	5	<5.0	<5.0	39	<0.5	0.6	28	4.4	31	86 (17) {0.11}	0.22	<2.5	19	<2.5	<0.5	<5.0	21	310
	10	<5.0	<5.0	17	<0.5	<0.5	30	4.3	4.8	22	0.09	<2.5	18	<2.5	<0.5	<5.0	22	38
TTBX-1	Surface	<5.0	14	170	0.6	0.6	20	16	29	15	0.49	<2.5	47	<2.5	<0.5	10	23	78
	3	<5.0	5.5	70	<0.5	<0.5	46	5.9	38	180 (18) {3.8}	0.33	<2.5	36	<2.5	<0.5	<5.0	24	180
	5	<5.0	<5.0	96	<0.5	0.6	31	5.0	56	200 (25) {0.54}	0.32	<2.5	27	<2.5	<0.5	<5.0	21	230
	10	<5.0	5.6	54	<0.5	1.2	32	4.3	32	140 (44) {NS}	0.36	<2.5	19	<2.5	<0.5	8.4	24	540
	15									14								

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTBX-2	Surface	<5.0	<5.0	110	<0.5	0.5	24	7.1	21	14	<0.05	<2.5	33	<2.5	<0.5	<5.0	18	62
	3	<5.0	<5.0	43	<0.5	<0.5	29	3.9	41	**170 (20) {0.15}**	0.14	<2.5	16	<2.5	<0.5	<5.0	23	100
	5	<5.0	<5.0	58	<0.5	1.7	30	4.5	140	**190 (9.5) {0.29}**	0.33	<2.5	17	<2.5	<0.5	<5.0	21	220
	10	<5.0	<5.0	70	<0.5	<0.5	26	3.7	150	**290 (46) {0.54}**	0.06	<2.5	15	<2.5	<0.5	<5.0	19	260
	15									<1								
TTBU-1	1	<5.0	<5.0	69	<0.5	0.6	23	6.3	33	20	<0.05	<2.5	23	<2.5	<0.5	<5.0	20	90
	3	<5.0	5.2	32	<0.5	<0.5	28	4.3	28	50 (4.8)	0.91	<2.5	18	<2.5	<0.5	<5.0	23	54
	5	<5.0	<5.0	33	<0.5	<0.5	29	4.1	20	48	0.32	<2.5	18	<2.5	<0.5	<5.0	23	75
	10	<5.0	<5.0	27	<0.5	<0.5	30	4.5	9.4	35	0.37	<2.5	18	<2.5	<0.5	<5.0	26	40
TTBU-3	Surface	<5.0	<5.0	57	<0.5	<0.5	29	4.9	39	**110 (9.4) {0.20}**	0.31	<2.5	20	<2.5	<0.5	<5.0	23	120
	3	<5.0	<5.0	20	<0.5	<0.5	27	4.1	13	44	0.17	<2.5	18	<2.5	<0.5	<5.0	24	50
	5	<5.0	<5.0	50	<0.5	<0.5	25	4.4	13	11	0.31	<2.5	19	<2.5	<0.5	<5.0	23	29
	10	<5.0	<5.0	15	<0.5	<0.5	29	4.2	2.6	<1.0	<0.05	<2.5	19	<2.5	<0.5	<5.0	22	18
TTBS-1	Surface	<5.0	<5.0	46	<0.5	<0.5	28	4.0	18	44	0.23	<2.5	16	<2.5	<0.5	<5.0	21	83
	3	<5.0	<5.0	33	<0.5	<0.5	33	4.0	13	23	0.21	<2.5	17	<2.5	<0.5	<5.0	23	40
	5	<5.0	<5.0	38	<0.5	<0.5	33	4.2	5.7	42	0.14	<2.5	17	<2.5	<0.5	<5.0	25	51
	10	<5.0	<5.0	29	<0.5	<0.5	30	4.1	10	39	0.12	<2.5	16	<2.5	<0.5	<5.0	25	49
TTBS-2	Surface	<5.0	<5.0	96	<0.5	<0.5	24	6.9	36	67 (3.7)	0.48	<2.5	21	<2.5	<0.5	<5.0	22	130
	3	<5.0	<5.0	54	<0.5	<0.5	27	5.3	16	28	0.07	<2.5	21	<2.5	<0.5	<5.0	23	57
	5	<5.0	<5.0	34	<0.5	<0.5	29	4.4	14	57 (4.5)	0.27	<2.5	17	<2.5	<0.5	<5.0	25	67
	10	<5.0	<5.0	25	<0.5	<0.5	29	4.0	23	46	0.39	<2.5	15	<2.5	<0.5	<5.0	27	49
TTBR-1	Surface	<5.0	<5.0	39	<0.5	<0.5	26	4.8	26	38	0.46	<2.5	21	<2.5	<0.5	<5.0	21	72
	3	<5.0	5.2	40	<0.5	<0.5	33	4.6	24	**59 (5.9) {0.31}**	0.27	<2.5	19	<2.5	<0.5	<5.0	26	70
	5	<5.0	5.4	47	<0.5	<0.5	33	4.9	19	45	0.41	<2.5	20	<2.5	<0.5	<5.0	25	85
TTBR-2	1	<5.0	8.3	94	<0.5	1	23	7.9	37	**1,000 (55) {2.5}***	6.9 (0.003)	<2.5	26	<2.5	<0.5	<5.0	21	250
	3	<5.0	5.8	57	<0.5	1.5	25	4.1	26	**730 (18) {<0.02}**	<0.05	<2.5	<0.5	<2.5	<0.5	<5.0	19	180
	5	<5.0	14	350	<0.5	7.2	23	6.6	54	**1800 (46) {2.8}**	15 (0.086)	<2.5	22	<2.5	<0.5	<5.0	19	2100
	10	<5.0	6	71	<0.5	3.1	27	2.9	21	**5500 (78) {0.16}**	8.8 (0.086)	<2.5	16	<2.5	<0.5	<5.0	22	780
	15									1.1								
TTBQ-1	Surface	<5.0	7.7	79	<0.5	<0.5	25	5.2	20	45	0.25	<2.5	20	<2.5	<0.5	<5.0	25	55
	3	<5.0	<5.0	<10	<0.5	<0.5	<0.5	<1.0	<2.5	<1.0	0.18	<2.5	<1.0	<2.5	<0.5	<5.0	<0.5	<10
	5	<5.0	<5.0	<10	<0.5	<0.5	<0.5	<1.0	<2.5	<1.0	5.1 (NS)	<2.5	<1.0	<2.5	<0.5	<5.0	<0.5	<10
TTBN-1	Surface	<5.0	<5.0	41	<0.5	<0.5	27	4.5	15	**62 (30) {4.2}***	0.2	<2.5	19	<2.5	<0.5	<5.0	21	43
	3	<5.0	8.7	150	<0.5	<0.5	24	8.7	16	27	0.20	<2.5	25	<2.5	<0.5	<5.0	22	47
	5	<5.0	5.9	45	<0.5	<0.5	32	4.0	10	41	0.20	<2.5	18	<2.5	<0.5	<5.0	17	36
	10	<5.0	<5.0	26	<0.5	<0.5	30	4.9	25	27	0.18	<2.5	18	<2.5	<0.5	<5.0	24	19
TTB69-1	Surface	<5.0	16	210	0.7	<0.5	24	15	37	23	0.07	<2.5	41	6.1	<0.5	<5.0	25	77
	3	<5.0	<5.0	21	<0.5	<0.5	24	3.5	8.4	33	0.16	<2.5	16	<2.5	<0.5	<5.0	18	56
	5	<5.0	5.2	40	<0.5	<0.5	26	3.8	23	**99 (11) {0.15}**	0.31	<2.5	17	<2.5	<0.5	<5.0	21	82
	10	<5.0	5.1	40	<0.5	<0.5	25	3.6	19	**81 (11) {0.72}**	0.29	<2.5	16	<2.5	<0.5	<5.0	20	95
TTB69-2	1	<5.0	14	190	<0.5	0.6	30	15	35	57 (2.1)	0.18	<2.5	39	<2.5	<0.5	<5.0	25	82
	3	<5.0	<5.0	18	<0.5	<0.5	30	3.7	13	280 (4.7)	0.18	<2.5	16	<2.5	<0.5	<5.0	22	45
	5	<5.0	<5.0	35	<0.5	<0.5	25	3.3	7.6	68 (3.5)	0.22	<2.5	15	<2.5	<0.5	<5.0	18	50
TTB69-3	Surface	<5.0	8.3	39	<0.5	<0.5	31	4.7	19	**220 (31) {<0.02}**	0.60	<2.5	19	<2.5	<0.5	<5.0	20	100
	3	<5.0	7.7	21	<0.5	<0.5	25	3.5	27	41	0.28	<2.5	16	<2.5	<0.5	<5.0	18	68
	5	<5.0	<5.0	35	<0.5	<0.5	20	3.2	13	83 (2.8)	0.23	<2.5	14	<2.5	<0.5	<5.0	15	63
	10	<5.0	5.9	32	<0.5	<0.5	21	10	28	82 (3.5)	0.4	<2.5	17	<2.5	<0.5	<5.0	15	94

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB69-4	Surface	<5.0	8.8	89	<0.5	<0.5	18	7.2	39	**190 (20) {0.16}**	0.52	<2.5	22	<2.5	<0.5	<5.0	16	100
	3	<5.0	11	120	<0.5	<0.5	21	11	26	**61 (9.1) {0.20}**	0.73	<2.5	27	<2.5	<0.5	<5.0	19	74
	5	<5.0	6.7	33	<0.5	<0.5	25	4.1	26	**98 (11) {0.40}**	0.47	<2.5	17	<2.5	<0.5	<5.0	19	130
	10	<5.0	6.5	53	<0.5	<0.5	29	3.9	29	**150 (5.2) {1.2}**	0.36	<2.5	17	<2.5	<0.5	<5.0	19	150
	15									**61 (13) {0.36}**								
	20									ND								
TTB68-1	Surface	<5.0	13	190	<0.5	0.5	25	13	35	**61 (67) {0.07}**	0.11	<2.5	36	<2.5	<0.5	<5.0	24	75
	3	<5.0	5.6	58	<0.5	<0.5	28	4.1	19	**77 (8.4) {0.11}**	0.38	<2.5	17	<2.5	<0.5	<5.0	23	68
	5	<5.0	<5.0	26	<0.5	<0.5	29	3.6	13	56 (4.3)	0.24	<2.5	16	<2.5	<0.5	<5.0	22	43
	10	<5.0	5.2	29	<0.5	<0.5	30	4.8	16	280 (3.6)	0.29	<2.5	18	<2.5	<0.5	<5.0	23	60
TTB68-2	Surface	<5.0	14	160	<0.5	<0.5	22	15	28	11	0.09	<2.5	37	<2.5	<0.5	<5.0	20	57
	3	<5.0	<5.0	31	<0.5	<0.5	30	3.6	21	**67 (11) {0.02}**	0.24	<2.5	16	<2.5	<0.5	<5.0	19	76
	5	<5.0	12	25	<0.5	0.9	33	4.5	53	**960 (13) {4.1}**	0.17	<2.5	18	<2.5	<0.5	<5.0	25	95
	10	<5.0	<5.0	17	<0.5	<0.5	30	3.7	40	29	0.22	<2.5	17	<2.5	<0.5	<5.0	22	61
TTB68-3	1	<5.0	19	170	0.7	0.6	20	16	24	12	0.25	<2.5	40	<2.5	<0.5	<5.0	23	61
	3	<5.0	6.3	35	<0.5	<0.5	36	4.6	36	**87 (6.4) {0.13}**	0.23	<2.5	20	<2.5	<0.5	<5.0	26	110
	5	<5.0	5.4	30	<0.5	<0.5	33	4.2	25	56 (2.2)	0.08	<2.5	18	<2.5	<0.5	<5.0	24	75
	10	<5.0	5.2	31	<0.5	<0.5	27	3.8	33	**76 (29) {0.16}**	0.22	<2.5	16	<2.5	<0.5	<5.0	22	96
TTB68-4	1	<5.0	15	120	<0.5	<0.5	23	11	24	20	0.14	<2.5	36	<2.5	<0.5	<5.0	23	51
	3	<5.0	6.7	57	<0.5	<0.5	29	5.0	25	**110 (27) {0.25}**	0.34	<2.5	19	<2.5	<0.5	<5.0	22	110
	5	<5.0	5.3	28	<0.5	0.5	33	4.0	30	**66 (210) {0.08}**	0.36	<2.5	18	<2.5	<0.5	<5.0	23	110
	10	<5.0	9.2	29	<0.5	<0.5	31	3.8	22	**210 (20) {0.20}**	0.28	<2.5	20	<2.5	<0.5	<5.0	22	91
	15	---	---	---	---	---	---	---	---	ND	---	---	---	---	---	---	---	---
TTB67-1	S	<5.0	7.9	55	<0.5	<0.5	25	5.5	43	110 (3.0)	0.33	<2.5	19	<2.5	<0.5	<5.0	17	120
	3	<5.0	7.2	27	<0.5	<0.5	32	3.9	150	**65 (6.2) {0.22}**	0.41	<2.5	18	<2.5	<0.5	<5.0	20	180
	5	<5.0	6.2	39	<0.5	<0.5	29	3.8	25	110 (4.9)	0.50	<2.5	17	<2.5	<0.5	<5.0	22	71
	10	<5.0	6.8	62	<0.5	<0.5	26	4.3	22	**79 (13) {0.35}**	0.62	<2.5	17	<2.5	<0.5	<5.0	19	75
	15									<1								
TTB67-2	Surface	<5.0	13	160	<0.5	<0.5	25	12	25	14	0.07	<2.5	41	<2.5	<0.5	<5.0	22	57
	3	<5.0	7	47	<0.5	0.5	30	4.0	72	85 (4.3)	0.26	<2.5	18	<2.5	<0.5	<5.0	24	230
	5	<5.0	5.6	24	<0.5	<0.5	31	4.1	19	**75 (8.1) {0.51}**	0.15	<2.5	19	<2.5	<0.5	<5.0	22	92
	10	<5.0	7.8	45	<0.5	0.7	27	4.0	44	120 (3.8)	0.32	<2.5	18	<2.5	<0.5	<5.0	22	230
TTB67-3	1	<5.0	21	240	0.7	0.7	25	20	37	15	0.16	<2.5	45	<2.5	<0.5	<5.0	25	76
	3	<5.0	5.9	91	<0.5	<0.5	30	4.1	26	**230 (15) {0.38}**	0.35	<2.5	18	<2.5	<0.5	<5.0	22	150
	5	<5.0	6.0	46	<0.5	<0.5	32	4.3	33	**120 (14) {0.64}**	0.24	<2.5	21	<2.5	<0.5	<5.0	22	120
	10	<5.0	6.1	27	<0.5	<0.5	33	4.2	23	**62 (9.6) {8.8}**	0.37	<2.5	18	<2.5	<0.5	<5.0	24	83
TTB67-4	S	<5.0	21	210	0.7	0.6	24	18	29	16	0.07	<2.5	43	<2.5	<0.5	<5.0	24	67
	3	<5.0	5.5	26	<0.5	<0.5	22	3.4	6.6	58 (3.6)	3.0 (<0.02)	<2.5	15	<2.5	<0.5	<5.0	14	82
	5	<5.0	7.6	66	<0.5	<0.5	25	3.6	28	22	0.25	<2.5	20	<2.5	<0.5	<5.0	16	84
	10	11	5.2	22	<0.5	<0.5	20	3.2	29	**230 (25) {0.39}**	1.1	<2.5	14	<2.5	<0.5	<5.0	14	110
	15									1.3								
TTB66-1	Surface	<5.0	13	120	<0.5	0.6	24	9.0	56	160 (2.0)	0.41	2.6	31	<2.5	<0.5	<5.0	23	100
	3	<5.0	7.0	63	<0.5	0.9	45	4.8	200	**340 (24) {0.40}**	0.47	29	91	<2.5	<0.5	<5.0	20	340
	5	<5.0	5.5	50	<0.5	0.6	24	4.0	120	**270 (29) {0.21}**	0.29	5.0	21	<2.5	<0.5	<5.0	24	210
	10	<5.0	5.8	65	<0.5	1.0	77	4.2	150	**350 (27) {0.32}**	0.64	12	22	<2.5	<0.5	<5.0	23	340
TTB66-2	1	<5.0	19	240	0.6	0.7	23	21	35	28	0.21	<2.5	43	<2.5	<0.5	5.7	23	79
	3	<5.0	6.3	60	<0.5	0.7	24	3.8	120	**400 (21) {0.53}**	0.42	8.8	20	<2.5	<0.5	<5.0	17	260
	5	<5.0	5.4	40	<0.5	<0.5	18	3.5	180	**370 (39) {0.39}**	0.45	13	19	<2.5	<0.5	<5.0	14	240
	10									**88 (15) {0.33}**								

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB66-3	1	<5.0	21	190	0.6	<0.5	21	18	30	13	0.11	<2.5	43	<2.5	<0.5	<5.0	23	73
	3	<5.0	5.8	35	<0.5	0.6	23	3.5	47	**140 (11) {0.21}**	0.27	<2.5	17	<2.5	<0.5	<5.0	16	170
	5	<5.0	5.3	26	<0.5	<0.5	26	3.6	19	**67 (6.8) {0.29}**	0.39	<2.5	18	<2.5	<0.5	<5.0	17	70
	10	<5.0	5.3	39	<0.5	<0.5	24	3.6	38	**120 (8.5) {0.15}**	0.23	<2.5	17	<2.5	<0.5	<5.0	15	130
	15									6.2								
TTB66-4	Surface	<5.0	18	190	0.6	0.6	21	15	30	10	0.16	<2.5	41	<2.5	<0.5	<5.0	24	73
	3	<5.0	5.7	39	<0.5	<0.5	24	3.8	170	**57 (6.0) {0.11}**	0.39	<2.5	15	<2.5	<0.5	<5.0	19	56
	5	<5.0	5.1	54	<0.5	<0.5	28	3.9	43	**200 (5.9) {0.14}**	0.49	<2.5	18	<2.5	<0.5	<5.0	23	170
	10	<5.0	5.8	53	<0.5	<0.5	16	4.3	14	15	0.32	<2.5	11	<2.5	<0.5	<5.0	17	37
TTB65-1	Surface	<5.0	7.9	74	<0.5	0.8	25	5.6	80	**160 (15) {0.57}**	0.41	<2.5	23	<2.5	<0.5	<5.0	20	170
	3	6.3	7.1	54	<0.5	<0.5	24	3.7	160	**420 (28) {0.64}**	0.38	2.6	17	<2.5	<0.5	<5.0	22	280
	5	8.1	6.7	60	<0.5	0.8	27	4.0	240	**290 (40) {0.71}**	0.40	4.9	22	<2.5	<0.5	<5.0	20	350
	10	<5.0	12	70	<0.5	12	24	3.4	240	**340 (30) {0.48}**	0.32	<2.5	17	<2.5	<0.5	<5.0	18	1100
	15									**110 (8.7) {<0.02}**								
	20									6.8								
TTB65-2	Surface	<5.0	7.5	190	0.5	0.5	16	16	22	13	0.07	<2.5	30	<2.5	<0.5	11	18	62
	3	<5.0	<5.0	57	<0.5	<0.5	25	4.2	170	**210 (16) {0.12}**	0.25	<2.5	18	<2.5	<0.5	5.2	21	260
	5	<5.0	8.0	65	<0.5	0.7	27	4.1	210	**2300 (22) {2.4}**	0.53	17	25	<2.5	<0.5	7.2	22	290
	10	<5.0	<5.0	46	<0.5	<0.5	25	4.2	47	**95 (13) {1.8}**	0.39	<2.5	18	<2.5	<0.5	<5.0	22	120
	15									**77 (12) {0.04}**								
TTB65-3	Surface	<5.0	20	160	0.6	0.8	19	15	24	14	0.05	<2.5	40	<2.5	<0.5	16	30	67
	3	<5.0	<5.0	70	<0.5	<0.5	31	4.3	120	**220 (44) {0.51}**	0.40	<2.5	19	<2.5	<0.5	6.3	23	250
	5	<5.0	<5.0	55	<0.5	0.5	25	4.0	77	**180 (24) {0.60}**	0.34	<2.5	17	<2.5	<0.5	4.1	17	180
	10	<5.0	<5.0	64	<0.5	<0.5	69 (0.2)	9.6	31	**160 (17) {0.20}**	0.29	<2.5	110	<2.5	<0.5	6.8	27	130
	15									21								
TTB65-4	Surface	<5.0	5.5	120	<0.5	<0.5	21	9.6	21	9.8	0.42	<2.5	31	<2.5	<0.5	9.2	18	45
	3	7.2	<5.0	48	<0.5	<0.5	24	3.8	200	**210 (32) {0.46}**	0.35	5.6	21	<2.5	<0.5	<5.0	18	230
	5	<5.0	<5.0	56	<0.5	<0.5	28	4.2	100	**240 (51) {0.83}**	0.87	6.3	20	<2.5	<0.5	5.2	21	270
	10	<5.0	<5.0	71	<0.5	0.6	29	3.9	130	**200 (21) {0.17}**	0.33	5.4	21	<2.5	<0.5	<5.0	21	210
	15									26								
TTB64-1	Surface	<5.0	12	110	<0.5	0.6	25	9.5	41	73 (0.2)	0.23	<2.5	28	<2.5	<0.5	11	26	85
	3	<5.0	<5.0	35	<0.5	<0.5	29	4.0	23	**94 (6.2) {0.07}**	0.16	<2.5	18	<2.5	<0.5	<5.0	23	84
	5	<5.0	<5.0	27	<0.5	<0.5	28	3.8	16	39	0.22	<2.5	16	<2.5	<0.5	<5.0	21	94
	10	<5.0	<5.0	130	<0.5	<0.5	30	4.7	27	**140 (6.7) {0.03}**	0.25	<2.5	22	<2.5	<0.5	<5.0	24	91
	15									41								
TTB64-2	Surface	<5.0	12	210	0.5	0.5	22	17	31	18	0.19	<2.5	40	<2.5	<0.5	13	23	74
	3	<5.0	6	47	<0.5	0.7	27	6.4	120	**73 (8.4) {0.31}**	0.70	<2.5	17	<2.5	<0.5	17	26	91
	5	<5.0	<5.0	200	<0.5	0.6	26	4.4	80	**220 (18) {<0.02}**	0.33	<2.5	18	<2.5	<0.5	<5.0	24	280
	10	<5.0	<5.0	30	<0.5	<0.5	32	4.3	19	**79 (9.9) {0.10}**	0.16	<2.5	18	<2.5	<0.5	<5.0	27	230
	15									**86 (130) {<0.02}**								
	20									ND								
TTB64-3	Surface	<5.0	6.0	49	<0.5	<0.5	27	4.5	26	**71 (13) {0.43}**	0.23	<2.5	19	<2.5	<0.5	<5.0	21	100
	3	<5.0	5.8	45	<0.5	0.6	25	3.8	45	**110 (12) {0.36}**	0.32	<2.5	16	<2.5	<0.5	<5.0	19	140
	5	<5.0	5.4	48	<0.5	<0.5	29	4.0	48	**160 (14) {1.1}**	0.34	<2.5	17	<2.5	<0.5	<5.0	22	130
	10	<5.0	6.0	58	<0.5	<0.5	23	4.6	82	100 (4.6)	0.23	<2.5	18	<2.5	<0.5	<5.0	18	130
	15									37								
TTB63-1	Surface	<5.0	20	180	<0.5	<0.5	19	19	23	42	0.42	<2.5	39	<2.5	<0.5	<5.0	24	59
	3	<5.0	6	25	<0.5	<0.5	28	4.5	**260 (25)**	**56 (5.6) {0.15}**	0.17	<2.5	17	<2.5	<0.5	<5.0	23	93
	5	<5.0	5.5	34	<0.5	<0.5	28	4.0	28	**72 (8.4) {0.14}**	0.16	<2.5	19	<2.5	<0.5	<5.0	21	72

BORING NUMBER	SAMPLE DEPTH	SB	AS	BA	BE	CD	CR	CO	CU	PB	HG	MO	NI	SE	AG	TL	V	ZN
TTB63-2	Surface	<5.0	9.5	73	<0.5	<0.5	26	7.4	45	100 (3.7)	0.34	<2.5	24	<2.5	<0.5	<5.0	21	110
	3	<5.0	19	93	<0.5	1.7	26	7.9	260 (14)	**310 (27) {0.26}**	0.64	7.3	27	<2.5	<0.5	5.5	29	360
	5	<5.0	6.4	65	<0.5	<0.5	29	4.5	77	**280 (14) {0.27}**	0.48	6.3	21	<2.5	<0.5	<5.0	23	190
TTB63-3	Surface	<5.0	6.2	52	<0.5	<0.5	25	4.9	410 (3.7)	**180 (8.7) {<0.02}**	0.54	2.5	20	<2.5	<0.5	<5.0	20	140
	3	<5.0	11	88	<0.5	<0.5	180 (0.4)	4.9	44	37	0.51	69	27	<2.5	<0.5	<5.0	23	63
	5	<5.0	6.2	56	<0.5	0.6	30	4.1	110	**270 (31) {0.87}**	0.41	3.4	19	<2.5	<0.5	<5.0	21	300
	10									49								
TTB63-4	Surface	<5.0	5.7	35	<0.5	<0.5	27	4.3	26	100 (3.6)	0.56	<2.5	17	<2.5	<0.5	<5.0	22	110
	3	<5.0	4.6	24	<0.5	<0.5	26	3.0	16	36	0.37	<2.5	17	<2.5	<0.5	<5.0	20	55
	5	<5.0	7.5	37	<0.5	<0.5	28	4.4	62	39	0.22	<2.5	18	<2.5	<0.5	<5.0	22	52
	10	<5.0	10	58	<0.5	<0.5	28	5.4	93	**120 (6.2) {0.02}**	0.31	<2.5	19	<2.5	<0.5	<5.0	23	160
	15									0.3								
TTB62-1	Surface	<5.0	7.9	84	<0.5	0.5	32	7.2	48	140 (<0.2)	0.32	<2.5	30	<2.5	<0.5	<5.0	26	110
	3	<5.0	7.4	270	<0.5	0.5	32	4.6	53	**220 (11) {0.14}**	0.3	4.3	20	<2.5	<0.5	<5.0	24	200
	5	<5.0	5.2	39	<0.5	<0.5	26	3.8	40	70 (4.1)	0.25	<2.5	16	<2.5	<0.5	<5.0	23	86
	10	<5.0	5.5	59	<0.5	<0.5	30	4.3	54	**140 (11) {0.17}**	0.58	<2.5	18	<2.5	<0.5	<5.0	24	140
TTB62-2	Surface	<5.0	5.1	43	<0.5	<0.5	26	4.1	57	**340 (31) {1.1}**	0.46	<2.5	17	<2.5	<0.5	<5.0	21	130
	3	<5.0	<5.0	29	<0.5	<0.5	28	4.9	62	**76 (10) {0.98}**	0.17	<2.5	22	<2.5	<0.5	<5.0	23	99
	5	<5.0	6.0	52	<0.5	<0.5	31	4.2	110	**210 (22) {1.5}**	0.53	5.7	19	<2.5	<0.5	<5.0	24	190
TTB62-3	Surface	<5.0	6.2	41	<0.5	<0.5	24	4.8	20	**82 (5.1) {0.24}**	0.18	<2.5	19	<2.5	<0.5	<5.0	19	66
	3	<5.0	6.4	22	<0.5	<0.5	24	4.0	10	47	0.07	<2.5	17	<2.5	<0.5	<5.0	19	41
	5	<5.0	5.9	56	<0.5	<0.5	25	3.8	11	**330 (41) {0.53}**	0.1	<2.5	16	<2.5	<0.5	<5.0	21	70
	10									55 (4.2)								
TTB62-4	Surface	11	17	77	<0.5	1.2	29	8.1	430 (5.2)	**890 (57) {0.91}**	0.32	<2.5	27	<2.5	<0.5	<5.0	25	330
	3	<5.0	7.8	78	<0.5	2.0	32	4.4	160	**320 (22) {0.38}**	0.43	5.7	22	<2.5	<0.5	<5.0	26	550
	5	<5.0	<5.0	30	<0.5	<0.5	31	3.8	35	**100 (5.7) {0.33}**	0.14	<2.5	17	<2.5	<0.5	<5.0	21	180
	10	<5.0	<5.0	54	<0.5	0.5	26	4.1	95	**230 (29) {1.6}**	0.49	<2.5	19	<2.5	<0.5	<5.0	19	200
	15	—	—	—	—	—	—	—	—	ND	—	—	—	—	—	—	—	—
TTLC		500	500	10,000	75	100	500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
STLC		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250

Notes:

<0.01 = not detected at or above the laboratory detection limits

Metals are designated by their symbol on the periodic table of elements.

All samples are reported as total concentration in milligrams per kilogram (mg/kg), unless indicated.

(3.3) = Soluable concentration after a WET, presented in milligrams per liter (mg/l)

{3.3} = Soluble concentration after a TCLP, presented in mg/l.

TTLC = total threshold limit concentration

STLC = soluable threshold limit concentration.

Sample depth in feet below surface grade.

ND = Not Detected

NS = Not sufficient sample to analyze.

* = Soil sample resampled and reanalyzed