Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (1)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1	G001L	118°20.46'	9°15.93'	B	B	10	BR	5	12	<2	205	1000	7.9	85
2	G001R	118°20.46'	9°15.89'	B	B	10	BR	<5	<2	8	75	320	8.6	67
3	G002L	118°20.35'	9°15.93'	B	B	10	BR	<5	2	<2	67	450	9.3	54
4	G002R	118°20.34'	9°15.90'	B	B	10	BR	<5	6	<2	172	1050	7.0	53
5	G003	118°20.25'	9°15.84'	B	B	15	RD	<5	2	24	52	440	11.2	88
6	G004	118°20.15'	9°15.86'	B	B	5	RD	<5	<2	8	60	290	9.9	62
7	G005	118°19.80'	9°15.98'	B	B	5	BR	<5	2	<2	70	340	11.3	83
8	G006	118°19.61'	9°16.02'	B	B	5	BR	<5	<2	<2	52	320	7.7	45
9	G007	118°19.45'	9°16.07'	B	B	5	YE	<5	<2	<2	118	450	9.0	45
10	G008L	118°21.45'	9°16.72'	S	B	5	BR	25	46	<2	230	1910	3.4	74
11	G008R	118°21.43'	9°16.71'	S	B	10	BR	15	30	<2	202	1610	3.6	69
12	G009L	118°21.38'	9°16.83'	G	B	5	BR	25	64	4	167	1050	2.9	43
13	G009R	118°21.36'	9°16.82'	G	B	5	YE	20	32	<2	117	910	1.8	22
14	G010L	118°21.28'	9°16.89'	G	B	5	BR	15	30	<2	155	890	2.4	65
15	G010R	118°21.26'	9°16.88'	G	B	5	BR	20	14	<2	100	340	1.6	51
16	G011L	118°21.19'	9°16.97'	G	B	5	BR	20	36	4	230	1410	2.5	39
17	G011R	118°21.18'	9°16.95'	G	B	10	BR	25	46	8	159	860	2.1	66
18	G012L	118°21.36'	9°16.93'	G	B	5	BR	15	26	<2	210	890	3.1	45
19	G012R	118°21.34'	9°16.92'	G	B	5	BR	25	38	12	126	800	2.9	36
20	G013	118°21.60'	9°16.87'	S	B	5	BR	15	18	<2	113	990	3.6	50
21	G014	118°21.56'	9°16.97'	G	B	5	BR	30	40	8	154	920	3.8	59
22	G015	118°21.48'	9°17.03'	G	B	5	BR	10	14	<2	90	540	4.0	79
23	G016	118°21.44'	9°17.14'	G	B	5	BR	10	24	<2	177	1010	4.1	42
24	G017	118°21.37'	9°17.22'	G	B	5	BR	<5	10	<2	130	770	6.5	81
25	G018	118°21.67'	9°16.95'	S	B	5	BR	10	16	<2	147	750	3.7	80
26	G019	118°21.78'	9°17.01'	S	B	5	BR	<5	10	<2	112	360	2.2	64
27	G020	118°21.82'	9°17.09'	S	B	5	BR	10	20	<2	100	850	4.1	90
28	G021L	118°21.87'	9°17.18'	S	B	5	BR	10	20	<2	142	950	4.1	58
29	G021R	118°21.86'	9°17.16'	S	B	5	BR	<5	16	<2	151	850	3.6	35
30	G022L	118°21.83'	9°17.20'	G	B	5	BR	10	18	<2	368	1300	5.0	84
31	G022R	118°21.82'	9°17.18'	G	B	10	BR	10	24	<2	149	1030	4.0	62
32	G023L	118°21.81'	9°17.24'	G	B	10	BR	25	38	4	140	1890	3.8	82
33	G023R	118°21.79'	9°17.22'	G	B	10	BR	15	26	<2	140	1200	3.8	72
34	G024L	118°21.77'	9°17.27'	G	B	5	BR	30	42	8	135	1140	1.3	44
35	G024R	118°21.76'	9°17.26'	G	B	5	BR	40	40	12	146	990	1.5	85
36	G025L	118°21.74'	9°17.30'	G	B	5	BR	15	32	<2	144	1180	4.3	84
37	G025R	118°21.73'	9°17.29'	G	B	5	BR	20	34	<2	198	1550	3.9	76
38	G026L	118°21.71'	9°17.34'	G	B	5	BR	25	40	<2	167	930	3.8	60
39	G026R	118°21.70'	9°17.32'	G	B	5	BR	25	38	<2	254	1940	5.6	68
40	G027L	118°21.68'	9°17.36'	G	B	5	BR	40	38	<2	162	610	3.5	58
41	G027R	118°21.67'	9°17.34'	G	B	5	BR	20	20	<2	123	750	3.3	55
42	G028	118°21.63'	9°17.37'	G	B	10	BR	25	34	<2	141	710	3.9	66
43	G029	118°21.60'	9°17.38'	G	B	10	BR	20	32	<2	229	1460	4.4	79
44	G030	118°21.82'	9°17.36'	G	B	10	BR	40	50	<2	146	870	2.9	52
45	G031L	118°20.88'	9°16.00'	S	B	5	BR	15	16	<2	1240	3700	8.5	171
46	G031R	118°20.85'	9°16.00'	S	B	5	BR	10	14	<2	302	2060	5.7	67
47	G032L	118°20.84'	9°16.09'	S	B	5	BR	15	16	<2	1040	13000	9.3	183
48	G032R	118°20.82'	9°16.08'	S	B	5	BR	10	18	<2	330	1860	6.6	70
49	G033L	118°20.72'	9°16.16'	G	B	10	BR	10	12	<2	150	1660	6.4	42
50	G033R	118°20.73'	9°16.14'	G	B	10	BR	10	10	<2	160	1800	4.4	29
51	G034L	118°20.70'	9°16.27'	G	B	10	BR	5	4	<2	96	570	10.3	118
52	G034R	118°20.68'	9°16.26'	G	B	5	BR	<5	2	<2	81	270	9.3	70
53	G035L	118°20.78'	9°16.41'	G	B	5	BR	20	58	<2	560	2700	9.2	142
54	G035R	118°20.76'	9°16.40'	G	B	5	BR	5	16	<2	160	1200	5.1	50
55	G036	118°20.68'	9°16.44'	G	B	10	BR	10	30	<2	320	1350	4.0	87
56	G037L	118°20.70'	9°16.55'	G	B	5	BR	40	42	8	260	3100	4.6	69
57	G037R	118°20.68'	9°16.53'	G	B	10	BR	30	40	8	310	4800	5.4	105
58	G038L	118°20.65'	9°16.61'	G	B	5	BR	130	82	4	640	15000	6.3	152
59	G038R	118°20.63'	9°16.59'	G	B	10	BR	85	76	4	310	2500	3.5	61
60	G039L	118°20.60'	9°16.68'	G	B	5	BR	20	38	<2	280	990	3.0	53
61	G039R	118°20.58'	9°16.67'	G	B	5	BR	30	50	<2	270	1250	3.0	69
62	G040L	118°20.56'	9°16.74'	G	B	5	BR	90	62	<2	260	720	2.7	60
63	G040R	118°20.54'	9°16.73'	G	B	5	BR	45	66	8	230	880	2.9	69
64	G041L	118°20.53'	9°16.78'	G	B	5	BR	30	42	4	430	2400	3.8	77
65	G041R	118°20.51'	9°16.77'	G	B	5	BR	15	32	<2	340	1120	3.6	84
66	G042L	118°20.50'	9°16.83'	G	B	10	BR	50	48	<2	850	11000	5.7	153
67	G042R	118°20.47'	9°16.81'	G	B	10	BR	60	38	<2	990	11000	5.8	153
68	G043L	118°20.46'	9°16.87'	G	B	5	RD	15	16	<2	450	3000	8.5	118
69	G043R	118°20.44'	9°16.86'	G	B	5	RD	35	38	<2	1100	6000	6.8	167
70	G044	118°20.44'	9°16.90'	G	B	5	RD	50	48	<2	1420	14000	18.6	227

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (2)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
71	G045	118°20.43'	9°16.92'	G	B	5	RD	30	56	<2	540	3000	6.6	119
72	G046	118°20.44'	9°16.96'	G	B	5	RD	45	40	<2	960	6100	7.0	133
73	G047	118°20.40'	9°16.98'	G	B	10	RD	40	38	<2	700	3200	4.1	95
74	G048	118°20.40'	9°17.02'	G	B	5	RD	85	42	<2	1440	18000	9.1	253
75	G049L	118°20.49'	9°16.14'	B	B	10	BR	15	25	<2	115	540	4.2	49
76	G049R	118°20.47'	9°16.14'	B	B	5	BR	<5	10	<2	240	2600	4.8	66
77	G050L	118°20.49'	9°16.19'	G	B	10	BR	<5	10	<2	123	1210	3.9	38
78	G050R	118°20.47'	9°16.19'	G	B	10	BR	5	12	<2	105	1360	5.0	58
79	G051L	118°20.49'	9°16.25'	G	B	5	BR	20	20	<2	87	400	4.6	42
80	G051R	118°20.47'	9°16.24'	G	B	5	BR	10	8	<2	73	390	5.3	65
81	G052L	118°20.48'	9°16.32'	G	B	10	BR	20	20	<2	300	1150	4.2	51
82	G052R	118°20.45'	9°16.32'	G	B	10	BR	20	22	<2	220	2090	5.0	98
83	G053L	118°20.47'	9°16.38'	G	B	10	BR	10	8	<2	111	1210	4.5	63
84	G053R	118°20.45'	9°16.38'	G	B	10	BR	30	34	<2	290	2100	4.4	90
85	G054L	118°20.51'	9°16.43'	G	B	5	BR	10	18	<2	180	1710	2.3	24
86	G054R	118°20.50'	9°16.45'	G	B	5	BR	5	8	<2	120	1290	2.0	25
87	G055L	118°20.47'	9°16.49'	G	B	5	BR	20	12	2	180	1950	2.8	71
88	G055R	118°20.45'	9°16.48'	G	B	5	BR	20	14	<2	130	900	3.5	37
89	G056L	118°20.50'	9°16.56'	G	B	10	BR	5	10	2	180	2140	3.0	36
90	G056R	118°20.49'	9°16.57'	G	B	10	BR	10	16	<2	240	3200	4.8	65
91	G057L	118°20.44'	9°16.58'	G	B	10	BR	30	34	<2	450	3100	4.7	108
92	G057R	118°20.42'	9°16.56'	G	B	10	BR	40	38	4	510	4000	5.7	119
93	G058L	118°20.48'	9°16.64'	G	B	10	BR	30	34	<2	220	2200	4.3	220
94	G058R	118°20.46'	9°16.63'	G	B	10	BR	30	44	<2	260	1440	3.7	87
95	G059L	118°20.43'	9°16.68'	G	B	5	BR	25	38	<2	260	1470	4.3	79
96	G059R	118°20.42'	9°16.66'	G	B	5	BR	20	52	<2	300	1140	3.4	69
97	G060L	118°20.38'	9°16.72'	G	B	5	BR	15	18	<2	200	1010	2.5	31
98	G060R	118°20.36'	9°16.71'	G	B	5	BR	30	36	<2	230	1310	3.6	66
99	G061L	118°20.35'	9°16.77'	G	B	10	BR	30	40	<2	330	1160	4.3	104
100	G061R	118°20.34'	9°16.76'	G	B	5	BR	25	48	<2	300	1320	4.0	76
101	G062L	118°20.33'	9°16.82'	G	B	5	BR	15	30	<2	220	1300	3.2	62
102	G062R	118°20.32'	9°16.81'	G	B	5	BR	25	38	2	210	1700	3.6	83
103	G063L	118°20.31'	9°16.87'	G	B	5	BR	10	10	<2	140	550	6.3	60
104	G063R	118°20.29'	9°16.86'	G	B	10	BR	30	30	<2	370	2000	5.1	75
105	G064L	118°20.30'	9°16.92'	G	B	5	BR	30	22	<2	270	1200	3.0	68
106	G064R	118°20.28'	9°16.92'	G	B	5	BR	25	20	<2	240	1000	2.7	61
107	G065L	118°20.31'	9°16.98'	G	B	5	BR	110	74	<2	1740	26000	15.6	271
108	G065R	118°20.29'	9°16.98'	G	B	10	BR	40	32	<2	610	8900	6.3	106
109	G066L	118°20.31'	9°17.04'	G	B	5	BR	30	38	<2	400	2500	4.1	109
110	G066R	118°20.29'	9°17.03'	G	B	5	BR	15	20	<2	320	2000	5.6	77
111	H001	118°20.53'	9°15.72'	B	B	30	RD	<5	8	22	97	440	8.4	65
112	H002	118°20.45'	9°15.77'	B	B	30	RD	10	16	<2	360	3300	7.0	86
113	H003L	118°19.34'	9°16.00'	B	B	30	BR	15	16	2	820	14000	5.8	68
114	H003R	118°19.32'	9°15.98'	B	B	20	BR	10	16	4	810	18000	7.5	104
115	H004L	118°19.43'	9°15.95'	B	B	40	BR	5	10	<2	390	10000	8.3	74
116	H004R	118°19.42'	9°15.93'	B	B	30	BR	5	12	<2	470	13000	7.3	65
117	H005L	118°19.52'	9°15.90'	B	B	30	RD	5	14	<2	580	12000	7.2	77
118	H005R	118°19.51'	9°15.88'	B	B	30	RD	10	112	4	470	12000	7.0	62
119	H006L	118°19.60'	9°15.83'	B	B	30	RD	10	18	8	390	5000	5.1	64
120	H006R	118°19.58'	9°15.81'	B	B	30	RD	<5	12	<2	150	1800	6.9	48
121	H007L	118°19.71'	9°15.80'	B	B	40	RD	5	12	<2	610	9000	8.1	76
122	H007R	118°19.71'	9°15.77'	B	B	40	RD	10	12	6	570	28000	7.9	115
123	H008L	118°20.68'	9°17.26'	H	B	40	RD	15	10	2	3150	49000	22.0	530
124	H008R	118°20.69'	9°17.26'	H	B	40	RD	25	8	<2	2880	24000	16.7	401
125	H009L	118°20.65'	9°17.27'	H	B	40	BR	10	14	<2	1330	5400	5.8	115
126	H009R	118°20.65'	9°17.25'	H	B	30	BR	10	14	<2	810	5400	4.8	105
127	H010L	118°20.62'	9°17.26'	H	B	30	BR	10	4	<2	1670	10000	9.1	212
128	H010R	118°20.62'	9°17.25'	H	B	30	BR	10	14	<2	940	5800	5.4	93
129	H011L	118°20.60'	9°17.25'	H	B	30	RD	15	18	<2	1140	21000	6.4	128
130	H011R	118°20.60'	9°17.24'	H	B	30	RD	10	12	<2	1560	11000	8.6	261
131	H012L	118°20.58'	9°17.24'	H	B	30	BR	5	8	4	960	10000	7.0	67
132	H012R	118°20.58'	9°17.23'	H	B	30	BR	20	12	<2	3530	21000	19.7	358
133	H013L	118°20.55'	9°17.23'	D	B	40	BR	20	10	<2	2980	14000	13.6	380
134	H013R	118°20.55'	9°17.22'	D	B	30	BR	25	8	<2	2700	56000	15.2	91
135	H014L	118°20.52'	9°17.22'	D	B	30	BR	5	16	<2	520	7200	4.5	80
136	H014R	118°20.52'	9°17.21'	D	B	40	BR	14	16	<2	710	7500	5.2	112
137	H015L	118°20.49'	9°17.22'	D	B	30	BR	25	8	<2	3220	26000	15.0	470
138	H015R	118°20.49'	9°17.20'	D	B	30	BR	20	6	<2	3080	18000	16.0	360
139	H016L	118°20.46'	9°17.21'	D	B	30	BR	15	4	<2	2220	54000	9.2	321
140	H016R	118°20.46'	9°17.20'	D	B	30	BR	25	10	<2	2630	27000	13.7	500

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (3)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
141	H017L	118°20.44'	9°17.21'	D	B	30	BR	25	6	<2	2830	34000	16.7	520
142	H017R	118°20.43'	9°17.19'	D	B	30	BR	5	<2	<2	2180	49000	8.1	207
143	H018L	118°20.41'	9°17.21'	D	B	30	BR	10	10	<2	1610	10000	6.6	140
144	H018R	118°20.41'	9°17.20'	D	B	30	BR	5	12	10	410	2100	3.9	58
145	H019L	118°20.39'	9°17.22'	D	B	30	BR	10	10	<2	2480	37000	12.5	343
146	H019R	118°20.38'	9°17.20'	D	B	30	BR	5	10	<2	2220	49000	10.3	281
147	H020L	118°20.71'	9°17.26'	H	B	30	GR	10	6	<2	2830	62000	14.4	392
148	H020R	118°20.70'	9°17.23'	H	B	30	GR	15	8	<2	3120	36000	17.3	438
149	H021L	118°20.74'	9°17.25'	H	B	40	RD	10	14	<2	970	13000	6.3	152
150	H021R	118°20.74'	9°17.22'	H	B	40	BR	10	10	<2	960	10000	7.3	148
151	H022L	118°20.81'	9°17.23'	D	B	40	BR	5	10	<2	690	3100	4.2	66
152	H022R	118°20.80'	9°17.21'	D	B	40	RD	10	4	<2	1930	51000	10.1	320
153	H023L	118°20.85'	9°17.22'	D	B	30	RD	10	18	2	1060	15000	6.1	117
154	H023R	118°20.84'	9°17.20'	D	B	30	RD	20	6	<2	2850	23000	17.2	338
155	H024L	118°20.89'	9°17.19'	D	B	30	RD	10	14	4	250	1800	4.2	56
156	H024R	118°20.87'	9°17.17'	D	B	40	RD	15	8	2	1570	23000	8.3	182
157	H025L	118°20.93'	9°17.17'	D	B	40	RD	5	8	<2	640	4900	4.5	73
158	H025R	118°20.92'	9°17.15'	D	B	30	RD	10	4	<2	2470	13000	9.9	262
159	H026L	118°20.97'	9°17.13'	D	B	30	RD	5	6	<2	260	2700	4.8	48
160	H026R	118°20.95'	9°17.11'	D	B	30	RD	10	8	<2	1490	19000	5.8	108
161	H027L	118°21.00'	9°17.07'	D	B	40	RD	10	<2	<2	240	1000	2.2	48
162	H027R	118°20.98'	9°17.07'	D	B	40	RD	15	14	<2	1480	29000	7.1	155
163	H028L	118°21.02'	9°17.02'	G	B	40	RD	10	6	<2	330	3500	3.3	59
164	H028R	118°21.00'	9°17.01'	G	B	40	RD	20	<2	<2	2000	80000	10.5	245
165	H029L	118°21.04'	9°16.98'	G	B	40	BR	10	2	<2	1780	56000	7.2	171
166	H029R	118°21.03'	9°16.97'	G	B	40	BR	14	6	<2	2080	45000	8.1	206
167	H030L	118°21.08'	9°16.93'	G	B	30	RD	20	10	10	250	6800	4.4	69
168	H030R	118°21.06'	9°16.92'	G	B	30	RD	15	4	<2	890	22000	5.5	112
169	H031L	118°21.11'	9°16.89'	G	B	40	GR	15	6	2	2140	36000	6.8	176
170	H031R	118°21.10'	9°16.88'	G	B	30	GR	15	8	<2	1130	27000	5.9	85
171	H032L	118°21.13'	9°16.83'	G	B	40	GR	40	60	6	280	2000	2.4	41
172	H032R	118°21.11'	9°16.83'	G	B	30	GR	10	8	<2	1890	61000	6.5	154
173	H033L	118°21.15'	9°16.78'	G	B	20	RD	15	14	<2	2070	36000	8.9	152
174	H033R	118°21.12'	9°16.77'	G	B	20	RD	25	20	<2	970	54000	7.6	215
175	H034L	118°21.16'	9°16.72'	G	B	30	BR	10	14	<2	1500	33000	6.4	126
176	H034R	118°21.14'	9°16.71'	G	B	30	BR	25	18	<2	990	19000	6.9	81
177	H035L	118°21.19'	9°16.66'	G	B	40	BR	10	18	<2	1770	31000	6.9	122
178	H035R	118°21.17'	9°16.65'	G	B	40	BR	5	4	<2	740	12000	8.5	88
179	H036L	118°21.22'	9°16.61'	G	B	20	RD	5	8	12	430	3000	3.1	50
180	H036R	118°21.20'	9°16.60'	G	B	30	RD	15	20	<2	1950	38000	7.2	177
181	H037L	118°21.26'	9°16.54'	S	B	30	RD	15	16	<2	2540	34000	9.9	240
182	H037R	118°21.23'	9°16.54'	S	B	30	GR	10	28	<2	1380	21000	5.7	149
183	H038L	118°21.27'	9°16.49'	S	B	30	RD	15	18	<2	1820	35000	7.7	197
184	H038R	118°21.25'	9°16.49'	S	B	30	RD	20	16	<2	1760	37000	8.1	236
185	H039L	118°21.29'	9°16.43'	S	B	30	RD	10	14	<2	2160	24000	7.4	179
186	H039R	118°21.27'	9°16.42'	S	B	40	RD	20	28	<2	1850	30000	7.3	169
187	H040L	118°21.02'	9°15.99'	S	B	20	BR	5	8	6	230	3300	4.2	71
188	H040R	118°21.02'	9°15.96'	S	B	10	BR	<5	<2	<2	81	700	6.3	41
189	H041L	118°20.94'	9°15.99'	S	B	20	RD	10	2	4	840	11000	6.1	108
190	H041R	118°20.94'	9°15.97'	S	B	20	RD	5	2	<2	260	3100	5.3	46
191	H042	118°20.74'	9°16.00'	S	B	10	RD	10	20	8	250	3900	5.0	68
192	H043	118°20.70'	9°16.04'	S	B	10	GR	<5	8	<2	69	330	3.6	31
193	H044L	118°20.61'	9°16.01'	B	B	20	RD	5	18	6	195	1000	4.3	44
194	H044R	118°20.60'	9°15.98'	B	B	20	BR	5	12	2	193	1000	6.0	53
195	H045L	118°20.55'	9°16.03'	B	B	10	BR	<5	20	10	160	1100	4.2	35
196	H045R	118°20.54'	9°16.01'	B	B	10	RD	<5	10	6	110	210	8.2	56
197	H046L	118°20.48'	9°16.07'	B	B	10	BR	<5	16	6	145	530	3.6	40
198	H046R	118°20.48'	9°16.04'	B	B	10	BR	<5	16	8	137	1800	4.3	33
199	H047L	118°20.43'	9°16.08'	B	B	10	RD	5	20	10	135	690	2.9	40
200	H047R	118°20.42'	9°16.05'	B	B	10	BR	5	20	8	138	1200	3.8	42
201	H048L	118°20.38'	9°16.08'	B	B	20	RD	<5	20	8	117	1100	2.7	38
202	H048R	118°20.37'	9°16.06'	B	B	20	RD	<5	18	6	115	910	2.9	33
203	H049L	118°20.33'	9°16.09'	B	B	20	BR	5	20	28	170	1300	3.7	33
204	H049R	118°20.33'	9°16.07'	B	B	20	BR	15	18	12	134	1200	3.3	33
205	H050L	118°20.28'	9°16.10'	B	B	20	RD	<5	20	6	157	620	3.5	35
206	H050R	118°20.27'	9°16.08'	B	B	20	RD	<5	14	12	171	1500	5.3	56
207	H051L	118°20.22'	9°16.11'	B	B	20	RD	10	24	12	343	1400	5.1	79
208	H051R	118°20.22'	9°16.09'	B	B	10	RD	10	16	6	140	850	3.5	42
209	H052L	118°20.16'	9°16.12'	B	B	10	RD	15	20	6	275	3200	5.3	71
210	H052R	118°20.16'	9°16.11'	B	B	10	RD	10	16	2	156	1300	4.1	41

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (4)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
211	H053L	118°20.11'	9°16.13'	B	B	20	GR	25	20	8	364	5400	5.0	64
212	H053R	118°20.10'	9°16.11'	B	B	20	GR	10	14	<2	143	1100	3.7	39
213	H054L	118°20.06'	9°16.15'	B	B	20	RD	15	16	2	238	4500	4.1	56
214	H054R	118°20.05'	9°16.14'	B	B	20	RD	10	18	<2	127	780	3.5	35
215	H055L	118°20.01'	9°16.18'	G	B	20	BR	10	12	<2	151	2200	5.0	67
216	H055R	118°20.00'	9°16.17'	B	B	20	BR	10	12	<2	141	1400	3.8	49
217	H056L	118°19.98'	9°16.21'	G	B	20	BR	<5	<2	<2	48	140	6.2	64
218	H056R	118°19.97'	9°16.19'	B	B	20	BR	15	6	<2	127	1000	0.6	46
219	H057L	118°19.93'	9°16.24'	G	B	10	RD	10	4	<2	132	700	3.1	35
220	H057R	118°19.93'	9°16.22'	B	B	10	RD	10	10	<2	224	1700	5.4	58
221	H058L	118°19.89'	9°16.26'	G	B	10	GR	20	24	<2	44	340	5.2	40
222	H058R	118°19.89'	9°16.24'	B	B	10	GR	5	4	<2	114	1400	3.1	34
223	H059L	118°19.83'	9°16.27'	B	B	10	GR	10	4	<2	134	740	3.3	41
224	H059R	118°19.82'	9°16.26'	B	B	10	GR	10	2	<2	124	1000	3.9	35
225	H060L	118°19.77'	9°16.29'	B	B	10	BR	5	<2	<2	150	1000	3.3	38
226	H060R	118°19.77'	9°16.27'	B	B	10	BR	10	2	<2	118	1700	3.4	35
227	H061L	118°19.72'	9°16.31'	B	B	10	RD	20	<2	<2	121	1100	0.7	37
228	H061R	118°19.71'	9°16.30'	B	B	10	RD	15	<2	<2	184	920	1.6	45
229	H062L	118°19.69'	9°16.35'	G	B	20	GR	10	<2	<2	137	730	3.0	33
230	H062R	118°19.68'	9°16.34'	G	B	20	GR	10	12	10	148	1700	3.5	37
231	H063L	118°19.67'	9°16.39'	G	B	20	RD	5	6	4	115	780	3.2	39
232	H063R	118°19.66'	9°16.38'	G	B	10	RD	15	20	18	129	1400	3.4	30
233	H064L	118°19.65'	9°16.45'	G	B	10	RD	10	10	10	100	1020	3.5	41
234	H064R	118°19.64'	9°16.45'	G	B	10	RD	5	6	<2	96	510	4.4	46
235	H065L	118°19.64'	9°16.50'	G	B	20	RD	5	2	<2	98	1100	3.3	29
236	H065R	118°19.62'	9°16.50'	G	B	20	RD	10	2	<2	120	570	3.1	33
237	H066L	118°19.63'	9°16.55'	G	B	20	GR	10	6	<2	120	690	2.1	30
238	H066R	118°19.62'	9°16.55'	G	B	10	GR	5	4	<2	75	120	7.1	44
239	H067L	118°19.64'	9°16.60'	G	B	20	RD	10	<2	<2	80	500	3.9	45
240	H067R	118°19.63'	9°16.60'	G	B	10	RD	15	<2	2	900	23000	5.5	112
241	H068L	118°19.64'	9°16.64'	G	B	10	RD	10	<2	<2	100	1200	3.1	30
242	H068R	118°19.62'	9°16.64'	G	B	20	RD	5	<2	<2	34	100	3.4	24
243	H069L	118°19.64'	9°16.71'	G	B	10	GR	10	<2	<2	100	710	3.1	38
244	H069R	118°19.63'	9°16.71'	G	B	10	RD	25	<2	<2	120	1100	3.3	31
245	H070L	118°19.67'	9°16.77'	G	B	10	GR	15	10	<2	120	1100	3.2	26
246	H070R	118°19.66'	9°16.78'	G	B	10	GR	15	<2	<2	190	810	3.2	30
247	H071L	118°19.69'	9°16.82'	G	B	20	GR	15	<2	<2	100	1000	3.3	36
248	H071R	118°19.68'	9°16.82'	G	B	10	GR	10	6	<2	71	250	4.4	34
249	H072L	118°19.74'	9°16.88'	G	B	20	RD	<10	22	4	73	340	3.4	35
250	H072R	118°19.73'	9°16.89'	G	B	20	RD	15	<2	<2	75	570	3.7	35
251	H074L	118°19.79'	9°17.05'	G	B	10	RD	5	10	6	54	240	2.4	19
252	H074R	118°19.77'	9°17.05'	G	B	20	RD	10	42	14	77	310	4.5	40
253	H075L	118°19.80'	9°17.11'	G	B	10	RD	<5	12	<2	43	150	2.2	24
254	H075R	118°19.79'	9°17.11'	G	B	20	RD	15	34	10	72	400	3.6	45
255	H076L	118°19.82'	9°17.13'	G	B	10	RD	5	18	<2	47	1100	3.0	26
256	H076R	118°19.81'	9°17.13'	G	B	5	RD	<5	24	<2	82	300	3.7	38
257	H077L	118°19.83'	9°17.14'	G	B	10	RD	5	22	<2	64	260	3.3	39
258	H077R	118°19.83'	9°17.15'	G	B	10	RD	5	26	<2	100	900	3.0	30
259	H078L	118°19.85'	9°17.16'	G	B	10	RD	5	24	2	102	410	3.9	49
260	H078R	118°19.84'	9°17.17'	G	B	10	RD	5	28	<2	106	440	3.7	52
261	H079	118°19.77'	9°16.20'	B	B	10	BR	10	52	10	118	600	4.0	41
262	H080	118°19.81'	9°16.13'	B	B	20	RD	<5	<2	<2	87	240	9.0	68
263	H081L	118°20.69'	9°17.29'	H	B	10	RD	20	2	<2	3320	16000	15.8	450
264	H081R	118°20.68'	9°17.28'	H	B	10	RD	<5	<2	<2	2090	12000	10.7	149
265	H082L	118°20.67'	9°17.31'	H	B	10	RD	5	<2	<2	1750	12000	10.6	213
266	H082R	118°20.66'	9°17.31'	H	B	10	RD	10	<2	<2	2230	18000	12.1	307
267	H083L	118°20.65'	9°17.33'	H	B	20	RD	10	2	<2	1860	12000	10.8	232
268	H083R	118°20.64'	9°17.33'	H	B	20	RD	10	2	<2	2280	12000	10.5	261
269	H084L	118°20.62'	9°17.34'	H	B	20	RD	5	2	<2	2180	10000	11.5	259
270	H084R	118°20.61'	9°17.34'	H	B	10	RD	25	2	<2	3130	30000	17.2	412
271	H085L	118°20.60'	9°17.37'	H	B	20	RD	10	4	<2	2120	11000	11.2	234
272	H085R	118°20.60'	9°17.36'	H	B	20	RD	15	6	4	2050	13000	9.8	241
273	H086L	118°20.58'	9°17.38'	H	B	10	RD	15	10	2	2240	12000	10.8	246
274	H086R	118°20.57'	9°17.38'	H	B	10	RD	10	10	<2	2670	13000	11.9	239
275	H087L	118°20.57'	9°17.40'	H	B	20	RD	10	10	<2	2730	10000	11.9	209
276	H087R	118°20.56'	9°17.40'	H	B	10	RD	<5	6	<2	2410	12000	12.7	230
277	H088L	118°20.54'	9°17.41'	H	B	20	BR	10	10	<2	2260	11000	11.1	213
278	H088R	118°20.54'	9°17.41'	H	B	20	BR	10	28	6	2920	8000	13.0	177
279	H089L	118°20.52'	9°17.44'	H	B	10	RD	10	10	<2	2240	14000	10.7	230
280	H089R	118°20.51'	9°17.43'	H	B	20	RD	10	16	<2	1690	7200	9.2	183

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (5)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
281	H090L	118°20.49'	9°17.45'	H	B	10	RD	10	10	<2	2060	6400	12.3	175
282	H090R	118°20.49'	9°17.44'	H	B	10	RD	15	10	<2	1990	15000	11.1	337
283	H091L	118°20.48'	9°17.47'	H	B	10	RD	50	16	<2	3330	46000	19.7	500
284	H091R	118°20.47'	9°17.46'	H	B	10	RD	10	14	<2	2070	14000	11.1	245
285	H092L	118°20.45'	9°17.49'	H	B	10	RD	10	18	<2	2560	22000	15.7	440
286	H092R	118°20.45'	9°17.48'	H	B	20	RD	15	22	<2	2430	22000	14.4	430
287	H093L	118°20.43'	9°17.49'	H	B	20	RD	10	20	<2	2950	16000	14.5	303
288	H093R	118°20.42'	9°17.49'	H	B	20	RD	15	18	<2	2970	16000	16.6	350
289	H094L	118°20.42'	9°17.51'	H	B	20	RD	25	48	18	2240	19000	15.0	386
290	H094R	118°20.41'	9°17.50'	H	B	20	RD	20	26	<2	2160	24000	17.5	540
291	H095L	118°20.40'	9°17.53'	H	B	10	RD	<5	6	<2	1300	3700	9.0	176
292	H095R	118°20.39'	9°17.52'	H	B	10	RD	40	6	<2	830	2000	6.7	126
293	H096L	118°20.39'	9°17.55'	H	B	10	RD	5	6	<2	2290	25000	15.5	334
294	H096R	118°20.38'	9°17.55'	H	B	10	RD	10	4	6	2590	25000	15.9	346
295	H097L	118°20.35'	9°17.57'	H	B	10	RD	10	12	4	2050	16000	12.0	250
296	H097R	118°20.35'	9°17.57'	H	B	10	RD	5	2	2	890	3000	8.4	85
297	J001L	118°18.29'	9°17.46'	G	B	20	BR	25	30	4	3200	39000	11.6	350
298	J001R	118°18.28'	9°17.47'	G	B	20	BR	20	26	8	2900	46000	10.3	320
299	J002L	118°18.31'	9°17.47'	G	B	25	BR	25	22	8	3300	47000	10.1	270
300	J002R	118°18.31'	9°17.48'	G	B	25	BR	20	18	2	3500	67000	12.5	420
301	J003L	118°18.34'	9°17.47'	G	B	25	BR	25	26	6	3500	68000	11.6	360
302	J003R	118°18.34'	9°17.49'	G	B	20	GR	5	12	<2	2100	4700	7.7	150
303	J004L	118°18.36'	9°17.47'	G	B	25	OR	30	44	10	3800	24000	13.2	380
304	J004R	118°18.37'	9°17.48'	G	B	25	BR	20	20	4	3700	65000	12.0	380
305	J005L	118°18.39'	9°17.46'	G	B	30	BR	40	44	<2	3700	16000	15.2	510
306	J005R	118°18.39'	9°17.47'	G	B	25	BR	20	28	2	2700	36000	9.3	270
307	J006L	118°18.40'	9°17.48'	G	B	25	BR	35	42	2	3200	23000	10.8	340
308	J006R	118°18.40'	9°17.49'	G	B	30	BR	20	26	<2	3100	53000	11.3	320
309	J007L	118°18.41'	9°17.50'	T	B	30	BR	15	18	<2	4200	41000	10.8	330
310	J007R	118°18.41'	9°17.51'	T	B	25	OR	25	50	4	1200	5900	7.4	130
311	J008L	118°18.44'	9°17.51'	T	B	30	BR	45	24	<2	3000	42000	9.9	310
312	J008R	118°18.43'	9°17.52'	T	B	30	BR	25	38	4	3400	44000	11.4	270
313	J009L	118°18.45'	9°17.49'	T	B	25	BR	20	22	<2	3400	32000	10.1	270
314	J009R	118°18.46'	9°17.50'	T	B	25	BR	20	30	<2	3700	37000	11.4	290
315	J010L	118°18.48'	9°17.49'	T	B	25	BR	25	28	<2	2900	35000	10.7	320
316	J010R	118°18.48'	9°17.50'	T	B	25	BR	35	34	<2	2000	21000	7.6	240
317	J011L	118°18.50'	9°17.49'	T	B	25	BR	20	22	<2	2600	59000	10.0	310
318	J011R	118°18.50'	9°17.50'	T	B	25	YE	10	12	<2	390	2300	3.2	96
319	J012L	118°18.52'	9°17.48'	T	B	25	BR	25	24	<2	2000	16000	8.9	20
320	J012R	118°18.52'	9°17.49'	T	B	20	YE	20	6	<2	3000	42000	15.8	490
321	J013L	118°18.54'	9°17.50'	T	B	25	GR	15	12	16	1500	3200	8.1	210
322	J013R	118°18.53'	9°17.51'	T	B	25	BR	25	18	<2	2200	22000	7.9	200
323	J014L	118°18.55'	9°17.51'	T	B	20	BR	40	50	2	2300	14000	9.1	260
324	J014R	118°18.55'	9°17.52'	T	B	20	BR	55	52	<2	1900	2500	9.2	230
325	J015L	118°18.57'	9°17.51'	T	B	25	BR	50	78	66	1900	12000	9.2	280
326	J015R	118°18.58'	9°17.52'	T	B	25	BR	20	34	'6	1300	9000	5.7	160
327	J016L	118°18.60'	9°17.50'	T	B	25	YE	30	56	12	900	1200	3.9	80
328	J016R	118°18.60'	9°17.51'	T	B	25	BR	55	52	8	2000	3200	9.5	250
329	J017L	118°18.63'	9°17.50'	T	B	20	BR	35	40	12	1900	15000	8.4	200
330	J017R	118°18.62'	9°17.51'	T	B	25	GR	30	16	2	800	2200	3.1	88
331	J018L	118°18.65'	9°17.49'	T	B	15	YE	45	38	6	1700	2200	7.6	130
332	J018R	118°18.65'	9°17.50'	T	B	15	BR	70	30	6	1600	15000	7.4	210
333	J019L	118°18.68'	9°17.50'	T	B	20	BR	40	40	14	2000	3700	10.4	250
334	J019R	118°18.67'	9°17.51'	T	B	20	BR	25	22	6	2500	50000	12.4	300
335	J020L	118°18.67'	9°17.53'	T	B	15	BR	45	10	4	3100	37000	14.2	370
336	J020R	118°18.66'	9°17.53'	T	B	20	GR	18	4	4	1700	10000	6.6	120
337	J021L	118°18.68'	9°17.54'	T	B	25	BR	45	20	10	2900	60000	18.5	490
338	J021R	118°18.68'	9°17.55'	T	B	25	GR	40	54	8	1800	8000	7.6	180
339	J022L	118°18.71'	9°17.55'	T	B	25	RD	120	22	<2	5300	27000	33.5	840
340	J022R	118°18.70'	9°17.56'	T	B	30	BR	55	4	8	3900	44000	25.0	730
341	J023L	118°18.72'	9°17.58'	T	B	30	RD	25	<2	<2	6400	38000	30.0	720
342	J023R	118°18.71'	9°17.58'	T	B	25	BR	20	<2	<2	5400	32000	17.3	350
343	J024L	118°18.71'	9°17.60'	D	B	25	BR	45	<2	<2	4600	48000	23.3	710
344	J024R	118°18.70'	9°17.60'	D	B	30	BR	40	10	<2	3200	27000	18.8	580
345	J025L	118°18.72'	9°17.62'	D	B	30	RD	45	<4	<4	5600	38000	28.5	700
346	J025R	118°18.72'	9°17.62'	D	B	30	GR	10	<2	<2	4600	30000	23.0	600
347	J026L	118°18.75'	9°17.62'	D	B	30	RD	5	8	<2	1500	11000	5.1	124
348	J026R	118°18.74'	9°17.64'	D	B	25	RD	15	22	<2	6800	19000	35.0	750
349	J027L	118°18.77'	9°17.64'	D	B	25	RD	10	8	<2	1700	10000	6.8	140
350	J027R	118°18.77'	9°17.65'	D	B	25	RD	15	12	<2	5600	35000	29.6	880

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (6)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
351	J028L	118°18.79'	9°17.65'	D	B	25	RD	10	8	<2	2400	31000	16.6	480
352	J028R	118°18.79'	9°17.66'	D	B	30	RD	20	6	<2	4300	65000	25.9	810
353	J029L	118°18.81'	9°17.68'	D	B	25	RD	5	4	<2	5300	44000	24.3	580
354	J029R	118°18.80'	9°17.68'	D	B	25	RD	20	12	<2	3800	56000	29.8	970
355	J030L	118°18.83'	9°17.68'	D	B	30	RD	10	8	<2	6000	60000	24.9	610
356	J030R	118°18.83'	9°17.69'	D	B	25	RD	15	12	<2	4100	45000	28.8	930
357	J031L	118°18.85'	9°17.71'	D	B	20	RD	20	20	<2	3000	32000	18.8	500
358	J031R	118°18.85'	9°17.70'	D	B	20	RD	35	10	<2	6300	58000	25.9	690
359	J032L	118°18.85'	9°17.73'	D	B	20	RD	10	12	<2	5900	60000	30.4	910
360	J032R	118°18.85'	9°17.72'	D	B	20	RD	10	10	<2	5000	77000	22.9	730
361	J033L	118°18.84'	9°17.75'	D	B	20	RD	10	20	<4	6600	68000	30.0	1030
362	J033R	118°18.83'	9°17.74'	D	B	20	BR	10	16	<2	4000	26000	20.4	620
363	J034L	118°18.83'	9°17.77'	D	B	20	RD	35	10	<2	7800	53000	31.0	990
364	J034R	118°18.82'	9°17.77'	D	B	15	BR	15	8	<2	5700	29000	21.1	670
365	J035L	118°18.82'	9°17.80'	D	B	15	BR	10	8	<2	6300	76000	23.3	730
366	J035R	118°18.81'	9°17.80'	D	B	15	RD	10	16	<2	4800	100000	19.0	580
367	J036L	118°18.82'	9°17.82'	D	B	20	BR	20	16	14	7100	70000	27.0	780
368	J036R	118°18.81'	9°17.83'	D	B	20	BR	20	16	<2	4200	28000	20.0	660
369	J037L	118°18.83'	9°17.85'	D	B	20	RD	255	34	<2	5800	58000	26.6	990
370	J037R	118°18.82'	9°17.85'	D	B	20	RD	30	20	<6	6500	150000	24.4	720
371	J038L	118°18.82'	9°17.87'	D	B	15	RD	60	24	<6	5900	77000	27.0	830
372	J038R	118°18.82'	9°17.86'	D	B	20	RD	25	2	<2	5700	130000	23.5	750
373	J039L	118°18.81'	9°17.89'	D	B	20	RD	105	40	<6	6700	41000	30.0	870
374	J039R	118°18.80'	9°17.89'	D	B	15	RD	60	8	<2	4800	42000	20.1	790
375	J040L	118°18.80'	9°17.92'	D	B	20	RD	60	16	<6	5200	57000	23.6	1030
376	J040R	118°18.79'	9°17.91'	D	B	15	RD	75	8	4	5700	39000	26.1	830
377	J041L	118°18.79'	9°17.94'	D	B	20	RD	0	0	0	9300	29000	37.0	840
378	J041R	118°18.78'	9°17.94'	D	B	20	BR	55	22	<4	5400	73000	24.6	830
379	J042L	118°18.78'	9°17.96'	D	B	20	BR	45	12	2	4400	48000	17.9	600
380	J042R	118°18.76'	9°17.96'	D	B	20	RD	25	12	6	8600	28000	30.5	1000
381	J043L	118°18.77'	9°17.99'	D	B	15	RD	25	20	<4	9000	29000	34.5	1240
382	J043R	118°18.76'	9°17.99'	D	B	20	RD	15	20	<4	5800	50000	21.9	720
383	J044L	118°18.76'	9°18.01'	D	B	15	RD	20	22	<4	11300	40000	32.0	950
384	J044R	118°18.74'	9°18.01'	D	B	15	BR	15	34	<4	6600	50000	27.0	1300
385	J045L	118°18.75'	9°18.04'	D	B	20	RD	5	22	<4	14800	32000	38.0	990
386	J045R	118°18.74'	9°18.03'	D	B	20	BR	10	12	2	6300	50000	23.0	750
387	J046L	118°18.74'	9°18.06'	D	B	20	BR	5	22	<4	9100	67000	29.5	980
388	J046R	118°18.73'	9°18.06'	D	B	15	BR	55	16	<2	6300	48000	27.3	1060
389	J047L	118°18.74'	9°18.09'	D	B	15	RD	10	16	4	7900	38000	30.0	990
390	J047R	118°18.73'	9°18.09'	D	B	15	RD	5	12	<2	7000	25000	26.5	850
391	J048L	118°18.74'	9°18.12'	D	B	15	BR	15	22	<4	12700	42000	37.0	980
392	J048R	118°18.73'	9°18.12'	D	B	20	BR	30	12	<2	4900	55000	24.0	690
393	J049L	118°18.74'	9°18.14'	D	B	15	RD	15	<4	<4	9900	50000	38.0	1250
394	J049R	118°18.73'	9°18.14'	D	B	15	RD	105	54	<4	8400	54000	31.0	1080
395	J050L	118°18.75'	9°18.17'	D	B	15	RD	<10	<4	<4	12000	20000	37.5	1200
396	J050R	118°18.74'	9°18.17'	D	B	20	BR	5	<2	<2	6100	32000	20.5	580
397	J051L	118°18.75'	9°18.19'	D	B	15	RD	120	74	<4	11100	43000	35.0	750
398	J051R	118°18.74'	9°18.19'	D	B	15	BR	5	<4	<4	10300	57000	29.0	810
399	J052L	118°18.76'	9°18.21'	D	B	15	RD	<10	<4	<4	8900	40000	29.5	840
400	J052R	118°18.74'	9°18.22'	D	B	20	RD	5	<4	<4	8900	66000	30.0	750
401	J053L	118°18.77'	9°18.23'	D	B	20	RD	<10	4	<4	16700	43000	34.5	930
402	J053R	118°18.77'	9°18.24'	D	B	15	BR	<10	<4	<4	6800	39000	25.2	750
403	J054L	118°18.86'	9°17.69'	D	B	20	BR	5	<2	<2	4400	63000	19.2	680
404	J054R	118°18.86'	9°17.70'	D	B	15	RD	<5	<2	<2	6300	41000	28.0	1990
405	J055L	118°18.88'	9°17.68'	D	B	20	BR	25	<2	<2	4400	44000	24.9	1150
406	J055R	118°18.88'	9°17.69'	D	B	20	BR	15	46	<2	7000	36000	29.0	1670
407	J056L	118°18.91'	9°17.69'	D	B	20	BR	5	48	<2	3400	33000	23.0	760
408	J056R	118°18.91'	9°17.70'	D	B	15	BR	<5	<2	<2	3100	36000	21.4	900
409	J057L	118°18.93'	9°17.69'	D	B	15	BR	40	60	<2	2200	23000	13.3	450
410	J057R	118°18.93'	9°17.70'	D	B	15	BR	20	14	4	7500	39000	28.8	820
411	J058L	118°18.96'	9°17.70'	D	B	20	BR	10	24	4	3700	33000	21.6	830
412	J058R	118°18.96'	9°17.71'	D	B	20	BR	5	14	<2	5300	30000	23.2	730
413	J059L	118°18.99'	9°17.71'	D	B	20	BR	15	16	4	5800	49000	24.5	1180
414	J059R	118°18.98'	9°17.72'	D	B	15	BR	30	14	4	6200	64000	24.4	850
415	J060L	118°19.01'	9°17.72'	D	B	15	RD	5	22	<2	5100	42000	23.0	840
416	J060R	118°19.00'	9°17.73'	D	B	20	RD	250	32	<2	4900	27000	20.4	740
417	J061L	118°19.03'	9°17.72'	D	B	15	BR	10	20	<2	6600	52000	20.5	600
418	J061R	118°19.03'	9°17.74'	D	B	15	GR	40	26	<2	6300	19000	25.9	840
419	J062L	118°19.06'	9°17.74'	D	B	20	RD	130	42	<2	8800	30000	25.2	960
420	J062R	118°19.05'	9°17.75'	D	B	15	BR	15	22	2	6100	42000	20.7	910

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (7)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
421	J063L	118°19.08'	9°17.75'	D	B	20	RD	5	24	<2	6900	51000	29.5	1350
422	J063R	118°19.08'	9°17.76'	D	B	20	RD	<5	<2	<2	7300	48000	27.9	960
423	J064L	118°19.11'	9°17.77'	D	B	20	RD	5	24	<2	6600	55000	27.0	920
424	J064R	118°19.10'	9°17.77'	D	B	20	BR	15	4	<2	5100	39000	18.3	640
425	J065L	118°19.12'	9°17.79'	D	B	20	RD	5	4	<2	7100	46000	29.0	1060
426	J065R	118°19.11'	9°17.80'	D	B	20	BR	35	<2	<2	4600	52000	18.9	760
427	J066L	118°19.14'	9°17.82'	D	B	15	BR	5	6	<2	6300	51000	23.5	870
428	J066R	118°19.13'	9°17.82'	D	B	15	BR	5	6	<2	5300	53000	24.0	1100
429	J067L	118°19.15'	9°17.84'	D	B	15	BR	15	<2	<2	6800	23000	28.3	810
430	J067R	118°19.14'	9°17.84'	D	B	20	BR	25	<2	<2	4900	45000	24.4	940
431	J068L	118°19.15'	9°17.87'	D	B	20	BR	15	6	<2	6700	45000	22.7	740
432	J068R	118°19.14'	9°17.87'	D	B	20	BR	20	8	<2	6300	33000	25.0	850
433	J069L	118°19.15'	9°17.90'	D	B	15	GR	5	<2	<2	7300	34000	24.0	690
434	J069R	118°19.14'	9°17.90'	D	B	15	BR	15	12	<2	14500	24000	40.5	1210
435	J070L	118°19.14'	9°17.93'	D	B	15	BR	10	18	<2	10600	48000	31.5	1030
436	J070R	118°19.13'	9°17.92'	D	B	15	BR	15	18	<2	12000	40000	33.5	1160
437	J071L	118°19.14'	9°17.95'	D	B	15	RD	10	<2	<2	9300	51000	26.8	670
438	J071R	118°19.13'	9°17.95'	D	B	15	RD	15	22	<2	13100	27000	34.0	1030
439	J072L	118°19.14'	9°17.98'	D	B	20	RD	10	<6	<6	11900	26000	40.0	1280
440	J072R	118°19.13'	9°17.98'	D	B	15	RD	5	<2	<2	9200	37000	30.0	870
441	J073L	118°19.14'	9°18.01'	D	B	20	BR	<5	<2	<2	11700	39000	33.0	1000
442	J073R	118°19.13'	9°18.01'	D	B	20	BR	5	<2	<2	9600	36000	25.0	880
443	J074L	118°19.14'	9°18.03'	D	B	20	RD	5	<2	<2	12900	32000	30.0	780
444	J074R	118°19.13'	9°18.03'	D	B	20	RD	<5	<2	<2	13100	23000	38.5	1200
445	J075L	118°19.15'	9°18.06'	D	B	20	RD	5	<2	<2	10200	31000	29.0	950
446	J075R	118°19.13'	9°18.06'	D	B	25	RD	5	<2	<2	9800	29000	31.5	950
447	J076L	118°18.85'	9°17.87'	D	B	20	BR	35	34	<2	4200	47000	22.9	1150
448	J076R	118°18.85'	9°17.88'	D	B	25	BR	80	40	<2	6800	32000	25.0	1100
449	J077L	118°18.88'	9°17.89'	D	B	25	BR	80	50	<2	5300	33000	25.6	880
450	J077R	118°18.87'	9°17.89'	D	B	25	BR	5	<2	<2	6500	31000	22.4	720
451	J078L	118°18.89'	9°17.90'	D	B	25	BR	<5	<2	<2	5400	28000	16.4	650
452	J078R	118°18.89'	9°17.91'	D	B	20	RD	<5	<2	<2	12300	24000	41.5	1040
453	J079L	118°18.92'	9°17.92'	D	B	20	RD	15	8	4	9400	41000	34.5	1170
454	J079R	118°18.91'	9°17.93'	D	B	20	RD	5	10	4	7540	26000	29.0	454
455	J080L	118°18.94'	9°17.95'	D	B	20	BR	10	6	<2	11900	20000	46.5	1140
456	J080R	118°18.93'	9°17.95'	D	B	20	BR	5	6	<2	9700	30000	21.0	950
457	K001L	118°18.26'	9°17.42'	G	B	20	BR	20	12	4	4800	33000	11.3	510
458	K002R	118°18.21'	9°17.42'	G	B	20	BR	10	38	10	2900	23000	8.1	240
459	K003L	118°18.20'	9°17.38'	G	B	20	BR	15	10	4	4000	32000	10.2	280
460	K004R	118°18.19'	9°17.34'	G	B	25	BR	20	10	<2	3800	24000	10.1	300
461	K005L	118°18.24'	9°17.34'	G	B	25	BR	10	12	<2	3000	43000	8.0	230
462	K006R	118°18.29'	9°17.31'	G	B	25	BR	20	4	2	3800	27000	9.3	250
463	K007L	118°18.34'	9°17.30'	G	B	20	BR	15	10	6	3000	21000	8.5	220
464	K008R	118°18.38'	9°17.31'	G	B	20	BR	10	28	22	1300	1500	3.8	43
465	K009L	118°18.42'	9°17.31'	G	B	20	BR	35	28	4	4000	75000	20.5	660
466	K010L	118°18.35'	9°17.29'	G	B	20	BR	25	42	6	2800	32000	10.2	330
467	K011L	118°18.34'	9°17.25'	G	B	20	BR	20	<2	<2	1100	3100	6.8	140
468	K012R	118°18.30'	9°17.23'	G	B	20	BR	25	30	14	2300	13000	12.1	280
469	K013L	118°18.32'	9°17.19'	G	B	20	BR	15	10	4	2900	20000	8.4	220
470	K014R	118°18.36'	9°17.16'	G	B	20	BR	10	14	10	3000	34000	8.8	230
471	K015L	118°18.37'	9°17.14'	G	B	20	BR	15	12	<2	3300	37000	9.7	240
472	K016R	118°18.39'	9°17.15'	G	B	20	BR	15	30	8	1500	5300	6.8	180
473	K017L	118°18.37'	9°17.11'	G	B	20	BR	15	28	12	130	600	2.1	35
474	K018R	118°18.32'	9°17.08'	G	B	20	BR	35	24	6	3200	54000	19.0	760
475	K019L	118°18.34'	9°17.04'	G	B	20	BR	30	14	2	2600	33000	9.2	310
476	K020R	118°18.33'	9°17.00'	G	B	20	BR	5	16	12	670	2100	6.2	110
477	K021L	118°18.39'	9°17.00'	G	B	20	BR	20	18	8	2200	11000	7.5	200
478	K022R	118°18.40'	9°16.95'	G	B	20	BR	10	12	6	2600	19000	7.4	180
479	K023L	118°18.45'	9°16.94'	G	B	20	BR	15	16	6	2900	13000	8.4	190
480	K024R	118°18.46'	9°16.89'	G	B	20	BR	10	14	4	2700	10000	9.9	160
481	K025L	118°18.51'	9°16.87'	G	B	20	BR	15	10	4	2600	16000	7.0	170
482	K026R	118°18.54'	9°16.84'	G	B	25	BR	10	8	4	1000	14000	9.0	110
483	K027L	118°18.55'	9°16.81'	G	B	25	BR	<5	4	<2	280	1400	9.9	82
484	K028R	118°18.54'	9°16.77'	G	B	25	BR	<5	10	2	2600	900	9.1	66
485	K029L	118°18.58'	9°16.73'	G	B	25	BR	<5	2	<2	3900	3400	9.6	120
486	K030R	118°18.57'	9°16.68'	G	B	25	BR	15	12	6	2100	20000	8.8	200
487	K031L	118°18.61'	9°16.66'	G	B	20	BR	10	10	8	2200	4700	8.3	160
488	K032R	118°18.61'	9°16.62'	B	B	20	BR	10	10	6	1500	25000	8.3	150
489	K033L	118°18.65'	9°16.59'	B	B	20	BR	30	10	6	1100	24000	8.8	150
490	K034R	118°18.65'	9°16.55'	B	B	25	BR	5	8	12	1000	20000	10.0	150

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (8)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
491	K035L	118°18.67'	9°16.52'	B	B	25	BR	730	44	4	170	3500	9.9	100
492	K036R	118°18.65'	9°16.48'	B	B	25	BR	<10	8	<4	600	3700	10.5	100
493	K037L	118°18.70'	9°16.47'	B	B	25	BR	10	12	6	1400	16000	9.3	170
494	K038R	118°18.72'	9°16.45'	B	B	25	BR	5	12	<2	2000	9800	7.9	140
495	K039L	118°18.78'	9°16.45'	B	B	20	BR	5	12	12	1700	17000	8.9	140
496	K040R	118°18.78'	9°16.41'	B	B	20	BR	15	14	4	2000	23000	10.7	220
497	K041L	118°18.81'	9°16.39'	B	B	20	BR	210	36	<2	3500	16000	11.4	270
498	K042R	118°18.82'	9°16.35'	B	B	20	BR	5	<2	2	760	2700	10.5	130
499	K043L	118°18.88'	9°16.36'	B	B	25	BR	<5	<2	<2	320	4900	9.9	74
500	K044R	118°18.89'	9°16.32'	B	B	25	BR	5	4	2	1700	14000	8.8	130
501	K045L	118°18.96'	9°16.33'	B	B	25	BR	<5	<2	4	1500	6800	9.9	150
502	K046R	118°18.98'	9°16.30'	B	B	20	BR	5	4	<2	2000	10000	8.1	170
503	K047L	118°19.06'	9°16.29'	B	B	20	BR	<5	<2	<2	120	900	18.2	86
504	K048R	118°19.07'	9°16.25'	B	B	20	BR	<5	<2	2	260	6200	10.8	109
505	K049L	118°19.11'	9°16.22'	B	B	20	BR	<5	2	4	130	1200	10.0	94
506	K050R	118°19.08'	9°16.18'	B	B	20	BR	<5	<2	6	110	700	10.8	92
507	K051L	118°19.11'	9°16.16'	B	B	20	BR	<5	6	12	500	2200	4.7	80
508	K052R	118°19.13'	9°16.13'	B	B	20	BR	<5	<2	2	160	1800	9.4	60
509	K053L	118°19.18'	9°16.15'	B	B	20	BR	<5	10	<2	110	700	1.7	15
510	K054R	118°19.19'	9°16.11'	B	B	20	BR	10	12	6	1100	8600	6.8	140
511	K055L	118°19.24'	9°16.12'	B	B	20	BR	<5	8	2	140	900	5.0	60
512	K055R	118°19.22'	9°16.10'	B	B	20	BR	5	10	4	1100	4800	6.6	90
513	K056L	118°19.26'	9°16.11'	B	B	20	BR	10	18	2	180	1100	4.5	60
514	K056R	118°19.27'	9°16.09'	B	B	20	BR	15	6	10	1400	17000	10.9	320
515	K057L	118°19.31'	9°16.10'	B	B	20	BR	15	18	8	460	10000	5.8	154
516	K057R	118°19.29'	9°16.08'	B	B	20	BR	15	12	12	2300	21000	11.9	346
517	K058L	118°19.30'	9°16.15'	B	B	20	BR	10	22	14	160	1000	5.2	108
518	K058R	118°19.27'	9°16.16'	B	B	20	BR	10	12	12	460	6200	5.4	101
519	K059L	118°19.30'	9°16.21'	B	B	20	BR	15	10	8	360	3900	4.5	76
520	K059R	118°19.28'	9°16.21'	B	B	20	BR	10	16	24	210	600	5.3	70
521	K060L	118°19.32'	9°16.26'	B	B	20	BR	15	68	4	270	3600	3.8	60
522	K060R	118°19.29'	9°16.26'	B	B	20	BR	10	8	4	220	2800	8.0	113
523	K061L	118°19.27'	9°16.31'	G	B	20	BR	10	8	6	310	3500	4.9	73
524	K061R	118°19.24'	9°16.30'	G	B	20	BR	15	18	8	510	26000	7.6	177
525	K062L	118°19.28'	9°16.36'	G	B	20	BR	5	<2	2	170	2800	5.8	102
526	K062R	118°19.25'	9°16.36'	G	B	20	BR	20	22	4	450	20000	6.5	162
527	K063L	118°19.29'	9°16.41'	G	B	25	BR	15	20	<2	290	900	4.5	69
528	K063R	118°19.27'	9°16.41'	G	B	25	BR	5	6	2	200	2100	4.3	58
529	K064L	118°19.30'	9°16.46'	G	B	25	BR	5	<2	2	100	700	1.5	22
530	K064R	118°19.27'	9°16.46'	G	B	25	BR	<5	<2	2	110	800	2.9	40
531	K065L	118°19.30'	9°16.52'	G	B	25	BR	15	20	12	480	7600	5.2	86
532	K065R	118°19.28'	9°16.52'	G	B	25	BR	5	<2	4	140	1800	5.0	116
533	K066L	118°19.31'	9°16.57'	G	B	25	BR	20	32	8	140	1900	4.8	78
534	K066R	118°19.28'	9°16.57'	G	B	25	BR	145	40	28	350	12000	4.8	178
535	K067L	118°19.32'	9°16.61'	G	B	25	BR	25	32	12	230	5900	6.8	120
536	K067R	118°19.30'	9°16.62'	G	B	25	BR	50	64	66	280	6200	4.8	117
537	K068L	118°19.36'	9°16.66'	G	B	25	BR	35	56	8	160	3300	5.7	90
538	K068R	118°19.33'	9°16.67'	G	B	25	BR	20	24	10	820	6800	6.1	103
539	K069L	118°19.37'	9°16.71'	G	B	25	BR	<5	<2	6	83	600	4.0	49
540	K069R	118°19.34'	9°16.72'	G	B	25	BR	20	30	14	750	17000	6.9	160
541	K070L	118°19.39'	9°16.75'	G	B	25	BR	15	22	10	560	47000	6.9	223
542	K070R	118°19.36'	9°16.76'	G	B	25	BR	<5	<2	4	83	600	3.3	48
543	K071L	118°19.39'	9°16.80'	G	B	25	BR	20	46	18	450	7100	5.1	90
544	K071R	118°19.37'	9°16.81'	G	B	25	BR	15	50	8	270	2400	5.0	60
545	K072L	118°19.41'	9°16.85'	G	B	25	BR	15	20	12	1100	12000	7.5	171
546	K072R	118°19.38'	9°16.85'	G	B	25	BR	30	26	14	390	3600	6.5	87
547	K073L	118°19.34'	9°16.07'	B	B	25	BR	<5	20	6	530	5900	9.2	82
548	K073R	118°19.32'	9°16.06'	B	B	25	BR	5	18	8	1400	5800	6.2	106
549	K074L	118°19.34'	9°16.03'	B	B	20	BR	5	22	30	730	5200	6.9	89
550	K074R	118°19.31'	9°16.03'	B	B	20	BR	<5	<2	140	750	16000	9.5	119
551	K075L	118°19.27'	9°16.03'	B	B	20	BR	<5	<2	8	270	3800	7.6	82
552	K075R	118°19.27'	9°16.00'	B	B	20	BR	<5	<2	<2	270	2700	8.5	78
553	K076L	118°19.21'	9°16.00'	B	B	20	BR	<5	<2	4	230	1900	10.9	145
554	K076R	118°19.22'	9°15.98'	B	B	20	BR	<5	<2	<2	210	3100	8.4	111
555	K077L	118°19.18'	9°15.96'	B	B	20	BR	<5	<2	<2	590	4100	8.7	110
556	K077R	118°19.20'	9°15.94'	B	B	20	BR	<5	<2	<2	270	1900	8.6	91
557	K078L	118°19.16'	9°15.92'	B	B	25	BR	25	<2	<2	3000	13000	12.5	310
558	K078R	118°19.19'	9°15.91'	B	B	25	BR	25	<2	<2	4900	25000	16.8	390
559	K079L	118°19.14'	9°15.89'	B	B	25	BR	5	<2	<2	460	3700	9.3	93
560	K079R	118°19.17'	9°15.87'	B	B	25	BR	15	<2	<2	3100	13000	11.9	315

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (9)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
561	K080L	118°19.10'	9°15.89'	B	B	25	BR	5	<2	<2	1500	3700	9.9	114
562	K080R	118°19.12'	9°15.87'	B	B	25	BR	<5	<2	<2	120	2500	8.6	79
563	K081L	118°19.06'	9°15.90'	B	B	20	BR	<5	<2	<2	73	1300	10.8	107
564	K081R	118°19.07'	9°15.86'	B	B	20	BR	<5	<2	<2	100	1300	8.8	72
565	K082L	118°19.01'	9°15.91'	B	B	20	BR	<5	<2	6	130	1100	8.6	66
566	K082R	118°19.02'	9°15.88'	B	B	20	BR	<5	<2	<2	130	3200	11.0	111
567	K083L	118°18.97'	9°15.89'	B	B	20	BR	<5	<2	<2	100	1700	10.0	98
568	K083R	118°18.97'	9°15.87'	B	B	20	BR	<5	<2	<2	100	800	8.7	61
569	K084L	118°18.92'	9°15.89'	B	B	20	BR	<5	<2	6	85	2200	9.0	65
570	K084R	118°18.92'	9°15.86'	B	B	20	BR	<5	<2	<2	62	500	9.1	65
571	K085L	118°18.88'	9°15.91'	B	B	25	BR	<5	<2	<2	55	400	7.9	64
572	K085R	118°18.87'	9°15.88'	B	B	25	BR	<5	<2	<2	50	200	7.3	52
573	K086L	118°18.85'	9°15.95'	B	B	25	BR	<5	<2	<2	58	400	8.2	58
574	K086R	118°18.83'	9°15.92'	B	B	25	BR	<5	<2	<2	120	1800	8.1	76
575	K087L	118°18.81'	9°15.98'	B	B	25	BR	<5	<2	<2	100	1000	8.6	67
576	K087R	118°18.79'	9°15.97'	B	B	25	BR	<5	<2	<2	69	400	7.3	68
577	K088L	118°18.78'	9°16.02'	B	B	25	BR	<5	12	4	63	1000	9.0	84
578	K088R	118°18.76'	9°16.00'	B	B	25	BR	<5	10	<2	65	500	9.2	85
579	K089L	118°18.74'	9°16.05'	B	B	25	BR	5	12	10	65	1000	8.2	66
580	K089R	118°18.72'	9°16.03'	B	B	25	BR	<5	6	<2	84	1400	8.9	89
581	K090L	118°18.69'	9°16.09'	B	B	25	BR	5	2	2	100	1100	8.3	56
582	K090R	118°18.66'	9°16.07'	B	B	25	BR	5	6	6	1200	5500	8.2	113
583	K091L	118°20.37'	9°17.23'	D	B	25	RD	15	8	<2	4000	16000	10.9	391
584	K091R	118°20.37'	9°17.22'	D	B	25	RD	5	10	2	3900	41000	12.3	417
585	K092L	118°20.35'	9°17.25'	D	B	25	RD	40	18	14	5300	20000	17.1	580
586	K092R	118°20.35'	9°17.24'	D	B	25	RD	5	8	2	3600	24000	13.3	419
587	K093L	118°20.34'	9°17.27'	D	B	25	RD	10	10	6	4600	15000	11.8	335
588	K093R	118°20.33'	9°17.26'	D	B	25	RD	10	12	2	4700	46000	13.0	490
589	K094L	118°20.32'	9°17.28'	D	B	25	RD	15	12	2	6800	23000	17.6	440
590	K094R	118°20.31'	9°17.27'	D	B	25	RD	5	12	4	5200	31000	12.6	405
591	K095L	118°20.29'	9°17.30'	D	B	25	RD	30	14	2	6000	15000	15.5	420
592	K095R	118°20.29'	9°17.29'	D	B	25	RD	20	14	<2	3900	27000	14.9	420
593	K096L	118°20.28'	9°17.32'	D	B	25	RD	15	12	4	6100	23000	14.7	395
594	K096R	118°20.27'	9°17.31'	D	B	25	RD	5	12	6	4600	43000	14.0	450
595	K097L	118°20.25'	9°17.34'	D	B	25	RD	5	12	6	5300	26000	15.7	410
596	K097R	118°20.25'	9°17.33'	D	B	25	RD	10	10	2	5000	51000	14.8	430
597	K098L	118°20.23'	9°17.35'	D	B	25	RD	10	14	14	4700	47000	15.6	460
598	K098R	118°20.22'	9°17.34'	D	B	25	RD	15	16	<2	8000	77000	25.4	700
599	K099L	118°20.23'	9°17.37'	D	B	25	RD	5	6	4	6700	47000	19.2	550
600	K099R	118°20.22'	9°17.37'	D	B	25	RD	5	4	<2	6700	66000	22.3	750
601	K100L	118°20.22'	9°17.40'	D	B	25	RD	10	8	<2	6600	76000	20.7	610
602	K100R	118°20.21'	9°17.40'	D	B	25	RD	10	10	2	6100	66000	24.3	580
603	K101L	118°20.23'	9°17.43'	H	B	20	BR	5	10	<2	8900	65000	24.3	620
604	K101R	118°20.21'	9°17.43'	H	B	20	BR	5	6	<2	6700	19000	22.3	610
605	K102L	118°20.22'	9°17.46'	H	B	25	BR	10	14	<2	6900	35000	23.9	630
606	K102R	118°20.21'	9°17.45'	H	B	25	BR	10	16	<2	8900	31000	36.0	640
607	K103L	118°20.32'	9°17.25'	D	B	25	RD	5	8	<2	6400	51000	10.4	277
608	K103R	118°20.32'	9°17.23'	D	B	25	RD	15	10	10	4600	22000	17.8	510
609	K104L	118°20.29'	9°17.24'	D	B	25	RD	20	8	<2	4900	14000	10.0	267
610	K104R	118°20.30'	9°17.23'	D	B	25	RD	20	8	12	6800	24000	20.2	580
611	K105L	118°20.27'	9°17.23'	D	B	25	RD	10	6	<2	5000	18000	14.5	420
612	K105R	118°20.28'	9°17.22'	D	B	25	RD	10	8	<2	4900	28000	13.5	430
613	K106L	118°20.24'	9°17.22'	D	B	20	RD	10	8	<2	5700	20000	14.2	470
614	K106R	118°20.24'	9°17.21'	D	B	20	RD	15	8	<2	8700	37000	29.0	710
615	K107L	118°20.22'	9°17.21'	D	B	20	RD	5	6	8	5200	32000	13.3	390
616	K107R	118°20.22'	9°17.20'	D	B	20	RD	5	10	<2	6600	28000	18.7	280
617	K108L	118°20.19'	9°17.20'	D	B	20	RD	5	6	<2	4600	23000	12.1	392
618	K108R	118°20.20'	9°17.19'	D	B	20	RD	8	12	<2	4900	45000	15.2	410
619	K109L	118°20.17'	9°17.19'	D	B	25	RD	5	6	<2	4800	20000	10.4	366
620	K109R	118°20.18'	9°17.18'	D	B	25	RD	10	26	12	2700	18000	8.3	310
621	K110L	118°20.15'	9°17.17'	G	B	25	BR	5	4	14	4600	20000	10.4	350
622	K110R	118°20.15'	9°17.17'	G	B	25	BR	5	38	2	2300	12000	6.9	150
623	K111L	118°20.69'	9°17.33'	H	B	25	BR	15	6	<2	2900	10000	10.5	374
624	K111R	118°20.68'	9°17.33'	H	B	25	BR	8	2	<2	1400	2400	7.8	135
625	K112L	118°20.70'	9°17.35'	H	B	25	BR	18	10	<2	3500	17000	11.0	310
626	K112R	118°20.69'	9°17.35'	H	B	25	BR	15	10	18	3800	15000	10.6	320
627	K113L	118°20.72'	9°17.37'	H	B	25	BR	25	8	4	3800	21000	11.2	330
628	K113R	118°20.71'	9°17.37'	H	B	25	BR	20	8	<2	3400	19000	11.6	310
629	K114L	118°20.72'	9°17.39'	H	B	25	BR	20	14	4	3300	17000	12.8	360
630	K114R	118°20.70'	9°17.39'	H	B	25	BR	20	6	<2	3700	10000	10.8	320

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (10)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
631	K115L	118°20.71'	9°17.42'	H	B	25	BR	15	6	<2	5000	20000	12.6	360
632	K115R	118°20.70'	9°17.41'	H	B	25	BR	30	10	2	4700	15000	14.9	530
633	K116L	118°20.71'	9°17.45'	H	B	25	BR	20	8	20	2200	44000	10.2	370
634	K116R	118°20.70'	9°17.45'	H	B	25	BR	25	14	<2	2200	54000	7.5	330
635	K117L	118°20.70'	9°17.47'	H	B	25	BR	10	8	<2	1200	17000	4.5	157
636	K117R	118°20.69'	9°17.47'	H	B	25	BR	5	6	<2	1200	13000	4.2	145
637	K118L	118°20.69'	9°17.50'	H	B	25	BR	15	20	2	580	1900	3.5	91
638	K118R	118°20.68'	9°17.50'	H	B	25	BR	20	6	<2	5000	14000	12.9	350
639	K119L	118°20.68'	9°17.52'	H	B	25	BR	30	20	<2	1800	10000	6.2	180
640	K119R	118°20.66'	9°17.52'	H	B	25	BR	25	22	<2	1700	10000	6.3	190
641	K121L	118°20.04'	9°18.45'	H	B	15	BR	10	4	<2	2500	7400	6.8	130
642	K121R	118°20.04'	9°18.43'	H	B	15	BR	15	4	<2	2700	7900	8.6	230
643	K122L	118°20.01'	9°18.44'	H	B	15	BR	15	14	8	3100	3300	7.3	120
644	K122R	118°20.02'	9°18.43'	H	B	15	BR	20	12	2	3900	13000	11.3	340
645	K123L	118°19.98'	9°18.42'	H	B	15	BR	10	10	<2	2500	5100	7.3	130
646	K123R	118°19.99'	9°18.41'	H	B	15	BR	15	12	<2	4000	4200	11.0	230
647	K124L	118°19.96'	9°18.41'	H	B	15	BR	20	10	2	4600	14000	20.5	420
648	K124R	118°19.97'	9°18.40'	H	B	15	BR	25	14	2	6600	13000	26.9	530
649	K125L	118°19.94'	9°18.39'	H	B	15	BR	25	8	<2	4800	16000	21.2	510
650	K125R	118°19.95'	9°18.38'	H	B	15	BR	25	12	<2	5400	13000	26.7	570
651	K126L	118°19.92'	9°18.36'	H	B	15	BR	40	12	2	5600	15000	22.8	580
652	K126R	118°19.94'	9°18.36'	H	B	15	BR	30	12	2	4300	13000	20.4	570
653	K127L	118°19.91'	9°18.34'	H	B	20	BR	25	14	2	5900	14000	27.0	580
654	K127R	118°19.93'	9°18.34'	H	B	20	BR	15	10	4	5900	21000	29.6	490
655	K128L	118°19.89'	9°18.32'	H	B	20	BR	20	10	<2	4400	16000	25.3	560
656	K128R	118°19.91'	9°18.31'	H	B	20	BR	20	16	2	5800	15000	30.5	530
657	K129L	118°19.87'	9°18.31'	H	B	15	BR	30	14	<2	4700	14000	25.7	480
658	K129R	118°19.88'	9°18.30'	H	B	15	BR	65	20	6	4800	12000	23.3	530
659	K130L	118°19.84'	9°18.31'	H	B	15	BR	30	14	<2	5400	15000	25.2	560
660	K130R	118°19.85'	9°18.30'	H	B	15	BR	30	16	4	4800	14000	21.1	580
661	K131L	118°20.09'	9°18.39'	H	B	15	BR	10	12	<2	4500	5900	10.5	240
662	K131R	118°20.10'	9°18.38'	H	B	15	BR	10	12	<2	3400	4300	9.3	240
663	K132L	118°20.06'	9°18.37'	H	B	15	BR	20	18	<2	3000	4200	9.8	260
664	K132R	118°20.08'	9°18.37'	H	B	15	BR	10	14	<2	5200	3000	12.1	240
665	K133L	118°20.04'	9°18.35'	H	B	20	BR	22	20	<2	4000	7100	11.4	270
666	K133R	118°20.06'	9°18.34'	H	B	20	BR	10	14	28	4300	8700	11.7	250
667	K134L	118°20.04'	9°18.33'	H	B	20	BR	25	18	<2	4300	23000	14.8	410
668	K135L	118°20.02'	9°18.30'	H	B	15	BR	30	22	<2	3700	20000	15.4	540
669	K135R	118°20.03'	9°18.29'	H	B	15	BR	40	26	2	3800	35000	18.1	540
670	K136L	118°20.01'	9°18.27'	H	B	15	BR	35	44	<2	3700	12000	14.2	480
671	K136R	118°20.03'	9°18.26'	H	B	15	BR	35	20	<2	4000	24000	14.8	490
672	K137L	118°20.36'	9°18.23'	H	B	20	BR	55	64	6	5300	17000	24.1	370
673	K138L	118°20.34'	9°18.25'	H	B	15	BR	35	26	<2	5000	24000	20.9	500
674	K138R	118°20.34'	9°18.24'	H	B	15	BR	35	32	6	4200	29000	15.4	380
675	K139L	118°20.32'	9°18.22'	H	B	20	BR	35	24	<2	4200	26000	22.2	560
676	K139R	118°20.33'	9°18.22'	H	B	20	BR	35	20	<2	4700	27000	20.5	580
677	K140L	118°20.31'	9°18.19'	H	B	20	BR	40	22	6	3200	30000	17.2	430
678	K140R	118°20.32'	9°18.19'	H	B	20	BR	25	18	<2	4700	26000	18.7	340
679	K141L	118°20.29'	9°18.17'	H	B	15	BR	45	22	<2	1900	16000	8.0	190
680	K141R	118°20.31'	9°18.17'	H	B	15	BR	55	26	<2	5300	38000	22.9	610
681	K142L	118°20.28'	9°18.15'	H	B	15	BR	20	20	<2	2600	12000	9.1	230
682	K142R	118°20.29'	9°18.15'	H	B	15	BR	45	28	<2	4800	16000	19.1	520
683	K143L	118°20.27'	9°18.13'	H	B	15	BR	60	62	<2	4600	13000	20.0	360
684	K143R	118°20.28'	9°18.12'	H	B	15	BR	45	34	4	5200	26000	19.8	520
685	K144L	118°20.25'	9°18.12'	H	B	15	BR	45	38	<2	4700	24000	20.5	460
686	K144R	118°20.25'	9°18.11'	H	B	15	BR	20	24	<2	4200	19000	17.0	550
687	K145L	118°20.22'	9°18.10'	H	B	15	BR	50	54	<2	4200	21000	14.5	430
688	K145R	118°20.23'	9°18.09'	H	B	15	BR	40	34	2	4000	20000	13.4	360
689	K146L	118°20.20'	9°18.09'	H	B	15	BR	20	10	<2	3200	22000	11.0	340
690	K146R	118°20.20'	9°18.08'	H	B	15	BR	20	10	<2	3200	10000	10.7	270
691	K147L	118°20.17'	9°18.09'	H	B	15	BR	110	170	40	5700	16000	14.8	330
692	K147R	118°20.17'	9°18.08'	H	B	15	BR	65	62	14	3700	15000	11.7	290
693	K148L	118°20.13'	9°18.06'	H	B	20	BR	20	36	<2	2400	11000	9.7	250
694	K148R	118°20.14'	9°18.05'	H	B	20	BR	40	36	6	5500	18000	16.5	430
695	K149L	118°20.11'	9°18.02'	H	B	20	BR	20	14	<2	2800	11000	8.7	240
696	K149R	118°20.12'	9°18.02'	H	B	20	BR	25	14	<2	4900	17000	18.0	510
697	K150L	118°20.10'	9°18.00'	H	B	20	BR	20	18	<2	3300	12000	9.9	260
698	K150R	118°20.10'	9°17.99'	H	B	20	BR	20	14	<2	4900	13000	15.0	380
699	K151L	118°20.10'	9°18.04'	H	B	15	BR	10	16	<2	2800	10000	9.7	210
700	K151R	118°20.11'	9°18.03'	H	B	15	BR	15	12	<2	3600	6500	13.4	220

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (11)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
701	K152L	118°20.08'	9°18.02'	H	B	15	BR	10	8	<2	2400	5900	7.7	180
702	K152R	118°20.09'	9°18.01'	H	B	15	BR	20	12	<2	4600	14000	14.4	380
703	K153	118°20.22'	9°18.35'	H	B	20	BR	35	18	<2	3700	33000	16.0	490
704	K154	118°20.19'	9°18.36'	H	B	20	BR	15	18	<2	3900	15000	17.2	270
705	K155	118°20.18'	9°18.38'	H	B	20	BR	40	22	<2	5800	43000	26.9	720
706	K156	118°20.16'	9°18.39'	H	B	20	BR	30	20	<2	7000	33000	22.2	660
707	K157	118°20.15'	9°18.40'	H	B	20	BR	30	32	<2	6700	27000	20.5	480
708	K158	118°20.13'	9°18.40'	H	B	20	BR	15	16	<2	5300	13000	15.7	320
709	K159L	118°20.56'	9°18.17'	H	B	15	BR	10	18	<2	2400	5000	9.2	150
710	K159R	118°20.57'	9°18.16'	H	B	15	BR	10	12	<2	1800	2600	8.0	110
711	K160L	118°20.54'	9°18.15'	H	B	15	BR	15	16	<2	2900	5300	9.4	160
712	K160R	118°20.55'	9°18.15'	H	B	15	BR	10	16	<2	2700	5500	9.0	150
713	K161L	118°20.52'	9°18.14'	H	B	15	BR	15	18	<2	2500	3600	8.1	170
714	K161R	118°20.52'	9°18.13'	H	B	15	BR	10	14	<2	2600	10000	7.9	190
715	K162L	118°20.50'	9°18.11'	H	B	15	BR	10	8	4	1500	2800	6.9	110
716	K162R	118°20.51'	9°18.11'	H	B	15	BR	5	8	<2	3100	4700	12.9	200
717	K163L	118°20.48'	9°18.09'	H	B	15	BR	<10	8	<4	2600	4900	7.4	150
718	K163R	118°20.49'	9°18.09'	H	B	15	BR	10	8	<2	3200	7300	12.4	260
719	K164L	118°20.47'	9°18.06'	H	B	15	BR	10	2	<2	4400	2600	11.0	200
720	K164R	118°20.49'	9°18.06'	H	B	15	BR	6	6	<2	3200	10000	8.9	210
721	K165L	118°20.47'	9°18.04'	H	B	15	BR	25	8	<2	5100	12000	17.2	550
722	K165R	118°20.48'	9°18.04'	H	B	15	BR	25	6	<2	4000	14000	14.4	560
723	K166L	118°20.48'	9°18.00'	H	B	15	BR	5	6	2	2500	5200	9.5	230
724	K166R	118°20.49'	9°18.00'	H	B	15	BR	15	2	<2	3300	7000	11.3	250
725	K167L	118°20.48'	9°17.98'	H	B	15	BR	10	<2	<2	3300	10000	10.9	260
726	K167R	118°20.50'	9°17.98'	H	B	15	BR	<5	<2	<2	2400	12000	8.5	210
727	K168L	118°20.47'	9°17.96'	H	B	15	BR	5	<2	<2	3300	8400	13.2	260
728	K168R	118°20.48'	9°17.95'	H	B	15	BR	<5	<2	<2	2400	11000	9.6	220
729	K169L	118°20.45'	9°17.93'	H	B	15	BR	5	<2	<2	2900	8700	11.1	280
730	K169R	118°20.47'	9°17.93'	H	B	15	BR	<5	<2	<2	3200	6000	12.4	220
731	K170	118°20.61'	9°18.14'	H	B	20	BR	10	<2	<2	2000	19000	6.8	75
732	K171L	118°20.72'	9°18.04'	H	B	20	BR	5	2	<2	2300	21000	7.5	78
733	K171R	118°20.73'	9°18.04'	H	B	20	BR	<5	<2	<2	2700	18000	7.7	110
734	K172L	118°19.38'	9°16.84'	G	B	20	GR	70	34	4	490	5100	3.5	61
735	K172R	118°19.37'	9°16.84'	G	B	20	GR	25	26	28	390	10000	6.1	72
736	K173L	118°19.38'	9°16.86'	G	B	20	GR	320	40	20	1700	15000	8.1	240
737	K173R	118°19.37'	9°16.86'	G	B	20	GR	30	56	10	1700	5600	8.0	150
738	K174L	118°19.40'	9°16.87'	G	B	20	RD	15	30	<2	1000	4600	6.4	26
739	K174R	118°19.40'	9°16.88'	G	B	20	GR	25	30	14	760	10000	6.0	76
740	K175L	118°19.42'	9°16.89'	G	B	20	RD	20	54	4	710	4300	8.3	30
741	K175R	118°19.41'	9°16.89'	G	B	20	GR	35	36	22	570	10000	6.0	140
742	K176L	118°19.43'	9°16.91'	G	B	20	BR	40	44	14	1500	22000	9.0	230
743	K176R	118°19.42'	9°16.92'	G	B	20	BR	45	70	22	450	3300	5.3	72
744	K177L	118°19.45'	9°16.93'	G	B	20	RD	30	34	6	1200	35000	9.4	63
745	K177R	118°19.44'	9°16.94'	G	B	20	BR	35	58	12	3200	37000	16.8	360
746	K178L	118°19.44'	9°16.96'	G	B	20	RD	30	42	28	1900	40000	14.4	180
747	K178R	118°19.44'	9°16.96'	G	B	20	RD	40	36	18	3300	59000	20.1	350
748	K179L	118°19.46'	9°16.98'	G	B	20	BR	35	54	24	1900	37000	10.8	240
749	K179R	118°19.45'	9°16.98'	G	B	20	BR	45	86	2	3400	71000	15.2	400
750	K180L	118°19.47'	9°17.00'	G	B	20	BR	40	34	<2	3000	84000	16.0	310
751	K180R	118°19.46'	9°17.00'	G	B	20	BR	50	24	6	1200	22000	8.7	73
752	K181L	118°19.49'	9°17.02'	G	B	20	RD	50	30	2	3800	65000	21.3	400
753	K181R	118°19.47'	9°17.03'	G	B	20	BR	40	10	<2	3200	60000	14.8	360
754	K182L	118°19.49'	9°17.05'	G	B	20	RD	45	28	<2	4200	58000	16.1	340
755	K182R	118°19.48'	9°17.05'	G	B	20	RD	35	30	2	2900	47000	18.3	320
756	K183L	118°19.50'	9°17.07'	G	B	15	RD	25	64	<2	2000	10000	7.8	54
757	K183R	118°19.49'	9°17.07'	G	B	20	RD	30	46	10	2000	16000	16.1	110
758	K184L	118°19.51'	9°17.09'	G	B	20	RD	60	64	4	4600	22000	19.9	530
759	K184R	118°19.50'	9°17.09'	G	B	15	RD	65	34	8	4200	40000	16.5	420
760	K185L	118°19.48'	9°17.09'	G	B	20	RD	20	30	6	3700	63000	14.3	450
761	K185R	118°19.48'	9°17.08'	G	B	20	RD	40	56	<2	2800	21000	20.2	290
762	K186L	118°19.46'	9°17.10'	G	B	20	RD	190	44	6	3600	62000	16.1	420
763	K186R	118°19.45'	9°17.09'	G	B	20	BR	40	90	8	790	11000	5.2	33
764	K187L	118°19.46'	9°17.12'	G	B	20	BR	60	76	4	4200	49000	20.3	470
765	K187R	118°19.46'	9°17.12'	G	B	20	BR	180	66	30	2400	76000	10.5	320
766	K188L	118°19.46'	9°17.15'	G	B	20	BR	<5	28	6	1400	3100	5.8	37
767	K188R	118°19.46'	9°17.14'	G	B	20	RD	40	42	6	3700	64000	9.7	420
768	K189L	118°19.46'	9°17.17'	G	B	20	BR	55	46	8	4800	55000	14.8	410
769	K189R	118°19.45'	9°17.17'	G	B	20	BR	80	42	8	2400	51000	18.4	330
770	K190L	118°19.45'	9°17.20'	G	B	15	BR	50	52	<2	4600	48000	19.3	520

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (12)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
771	K190R	118°19.44'	9°17.20'	G	B	15	BR	60	76	8	1700	37000	9.3	320
772	K191L	118°19.44'	9°17.22'	G	B	20	RD	75	66	8	4000	67000	20.5	540
773	K191R	118°19.44'	9°17.22'	G	B	20	RD	55	96	10	3700	77000	17.2	480
774	K192L	118°19.42'	9°17.23'	G	B	20	RD	65	72	14	2300	26000	12.9	300
775	K192R	118°19.41'	9°17.23'	G	B	25	RD	100	90	6	3100	78000	15.2	440
776	K193L	118°19.40'	9°17.25'	G	B	20	BR	100	86	14	3900	46000	21.7	540
777	K193R	118°19.39'	9°17.25'	G	B	20	BR	35	30	6	5300	42000	15.9	420
778	K194L	118°19.42'	9°17.28'	G	B	25	BR	20	24	10	1500	13000	7.4	160
779	K194R	118°19.41'	9°17.28'	G	B	25	BR	25	38	<2	1200	20000	7.6	140
780	K195L	118°19.42'	9°17.30'	G	B	20	BR	20	32	<2	1400	22000	7.6	170
781	K195R	118°19.41'	9°17.30'	G	B	20	RD	50	50	8	4600	84000	19.1	520
782	K196L	118°19.43'	9°17.33'	G	B	25	RD	30	38	<2	2800	56000	14.6	350
783	K196R	118°19.41'	9°17.33'	G	B	25	RD	15	26	<2	1600	17000	7.8	62
784	K197L	118°19.43'	9°17.35'	T	B	25	RD	20	40	4	1300	18000	6.8	150
785	K197R	118°19.41'	9°17.35'	T	B	20	RD	15	26	2	2000	35000	8.7	270
786	K198L	118°19.43'	9°17.38'	T	B	20	RD	55	54	10	4400	70000	19.3	550
787	K198R	118°19.42'	9°17.38'	T	B	20	BR	210	98	4	3100	46000	13.3	370
788	K199L	118°19.43'	9°17.41'	T	B	20	RD	50	58	6	5300	58000	20.7	580
789	K199R	118°19.41'	9°17.40'	T	B	25	BR	45	46	2	2900	43000	13.4	240
790	K200L	118°19.43'	9°17.43'	T	B	25	RD	20	40	4	2000	27000	10.1	260
791	K200R	118°19.42'	9°17.43'	T	B	25	RD	10	34	<2	1900	16000	8.1	66
792	K201L	118°19.43'	9°17.46'	T	B	25	RD	10	30	<2	1200	12000	6.4	42
793	K201R	118°19.42'	9°17.46'	T	B	20	RD	15	38	4	2600	17000	11.1	350
794	K202L	118°19.43'	9°17.49'	T	B	20	RD	10	30	<2	2300	12000	9.5	130
795	K202R	118°19.41'	9°17.48'	T	B	20	BR	35	42	6	3400	39000	13.1	380
796	K203L	118°19.42'	9°17.51'	T	B	20	BR	20	44	<2	8100	36000	26.9	660
797	K203R	118°19.41'	9°17.51'	T	B	20	RD	20	34	6	2300	10000	9.9	180
798	K204L	118°19.41'	9°17.54'	T	B	25	BR	45	44	4	8300	56000	30.0	760
799	K204R	118°19.40'	9°17.54'	T	B	20	BR	250	110	6	7600	50000	30.0	700
800	K205L	118°19.38'	9°17.56'	D	B	20	BR	20	26	2	3100	46000	9.3	300
801	K205R	118°19.38'	9°17.56'	D	B	25	BR	60	84	4	7800	67000	31.5	720
802	K206L	118°19.36'	9°17.58'	D	B	25	BR	85	100	4	9400	64000	30.0	740
803	K206R	118°19.35'	9°17.57'	D	B	20	BR	65	180	2	6800	63000	25.4	640
804	K207L	118°19.35'	9°17.60'	D	B	20	BR	35	28	<2	7600	37000	27.3	620
805	K207R	118°19.34'	9°17.60'	D	B	20	RD	15	34	<2	3100	28000	13.1	280
806	K208L	118°19.34'	9°17.62'	D	B	20	RD	40	40	<2	7900	47000	30.0	660
807	K208R	118°19.33'	9°17.62'	D	B	20	BR	30	38	<2	5900	65000	31.0	720
808	K209L	118°19.35'	9°17.65'	D	B	20	RD	20	44	<4	13100	15000	54.0	960
809	K209R	118°19.34'	9°17.65'	D	B	20	BR	330	290	2	9400	59000	31.0	730
810	K210L	118°19.35'	9°17.68'	D	B	20	RD	20	36	4	11900	33000	41.0	810
811	K210R	118°19.34'	9°17.67'	D	B	25	BR	110	100	4	8100	58000	31.0	730
812	K211L	118°19.40'	9°17.58'	D	B	20	BR	25	58	2	7800	38000	34.5	770
813	K211R	118°19.39'	9°17.58'	D	B	20	RD	210	75	8	7500	40000	30.0	700
814	K212L	118°19.41'	9°17.60'	D	B	20	RD	65	88	6	8800	38000	37.0	660
815	K212R	118°19.40'	9°17.61'	D	B	20	BR	25	36	2	9200	46000	33.5	800
816	K213L	118°19.43'	9°17.62'	D	B	20	RD	85	86	8	13200	27000	40.5	780
817	K213R	118°19.42'	9°17.63'	D	B	20	BR	10	20	<2	11700	27000	40.5	730
818	K214L	118°19.44'	9°17.64'	D	B	25	RD	10	26	<4	9200	50000	34.5	900
819	K214R	118°19.43'	9°17.64'	D	B	25	RD	10	16	<2	9500	52000	34.5	800
820	K215L	118°18.88'	9°16.64'	B	B	20	GR	15	26	6	140	900	4.3	48
821	K215R	118°18.88'	9°16.65'	B	B	20	GR	15	32	4	150	600	4.0	44
822	K216L	118°18.94'	9°16.64'	B	B	20	GR	20	26	2	170	1100	4.0	45
823	K216R	118°18.94'	9°16.66'	B	B	20	YE	10	12	<2	110	400	5.4	65
824	K217L	118°18.99'	9°16.65'	B	B	20	GR	15	14	2	160	500	5.5	78
825	K217R	118°18.98'	9°16.66'	B	B	20	GR	15	22	<2	160	900	3.6	47
826	K218L	118°19.00'	9°16.70'	B	B	20	GR	30	28	2	150	2800	4.9	98
827	K218R	118°18.98'	9°16.71'	B	B	20	GR	20	18	<2	150	300	3.8	37
828	K219L	118°19.03'	9°16.68'	B	B	20	GR	25	20	2	140	500	4.1	45
829	K219R	118°19.02'	9°16.69'	B	B	20	GR	15	18	<2	150	500	3.5	35
830	K220L	118°19.06'	9°16.72'	B	B	20	YE	12	20	<2	81	200	1.5	22
831	K220R	118°19.05'	9°16.73'	B	B	25	GR	20	32	6	140	600	3.6	46
832	K221L	118°19.08'	9°16.77'	B	B	25	GR	20	38	<2	140	300	5.1	56
833	K221R	118°19.07'	9°16.77'	B	B	25	GR	20	30	<2	170	1100	4.4	69
834	K222L	118°19.05'	9°16.81'	B	B	20	GR	20	26	<2	130	1000	5.7	66
835	K222R	118°19.03'	9°16.80'	B	B	20	GR	10	10	<2	110	1200	3.1	32
836	K223L	118°19.02'	9°16.84'	B	B	20	GR	25	25	<2	170	4300	5.4	92
837	K223R	118°19.01'	9°16.84'	B	B	20	GR	10	16	<2	110	900	3.7	44
838	K224L	118°19.06'	9°16.86'	G	B	15	GR	15	14	<2	230	3600	4.3	61
839	K224R	118°19.05'	9°16.87'	G	B	15	GR	15	8	<2	180	2900	4.8	48
840	K225L	118°19.10'	9°16.90'	G	B	20	YE	30	32	<2	210	3300	4.9	73

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (13)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
841	K225R	118°19.08'	9°16.91'	G	B	15	YE	10	24	12	240	900	4.8	44
842	K226L	118°19.10'	9°16.95'	G	B	15	BR	25	14	8	170	3000	4.1	66
843	K226R	118°19.08'	9°16.95'	G	B	20	GR	10	16	<2	100	500	1.0	21
844	K227L	118°19.10'	9°17.00'	G	B	15	YE	15	10	85	190	4600	3.7	46
845	K227R	118°19.08'	9°17.00'	G	B	20	GR	25	22	10	140	1600	3.6	61
846	K228L	118°19.06'	9°17.05'	G	B	20	YE	15	6	<2	110	1300	2.4	26
847	K228R	118°19.05'	9°17.03'	G	B	20	GR	20	32	2	120	500	2.5	28
848	L001L	118°18.24'	9°17.46'	G	B	30	BR	25	14	<2	5500	34000	14.4	280
849	L001R	118°18.22'	9°17.46'	G	B	30	BR	15	38	4	2900	3500	14.7	280
850	L002L	118°18.22'	9°17.49'	G	B	30	BR	15	12	<2	5200	37000	15.4	340
851	L002R	118°18.21'	9°17.48'	G	B	30	BR	30	24	<2	3000	23000	14.9	390
852	L003L	118°18.21'	9°17.51'	G	B	30	BR	15	14	6	3600	21000	10.3	210
853	L003R	118°18.19'	9°17.50'	G	B	30	BR	20	36	6	2100	14000	14.0	300
854	L004L	118°18.20'	9°17.53'	G	B	30	BR	20	24	6	3300	26000	10.5	190
855	L004R	118°18.19'	9°17.53'	G	B	30	BR	30	40	8	2800	16000	14.8	360
856	L005L	118°18.20'	9°17.55'	T	B	30	BR	15	36	4	380	1300	3.6	68
857	L005R	118°18.18'	9°17.55'	G	B	30	BR	15	14	4	5000	27000	11.7	220
858	L006L	118°18.18'	9°17.57'	T	B	30	BR	20	20	<2	3400	65000	12.0	340
859	L006R	118°18.16'	9°17.57'	G	B	30	BR	20	14	<2	5500	37000	12.5	230
860	L007L	118°18.18'	9°17.60'	T	B	30	BR	40	18	4	1800	51000	6.1	220
861	L007R	118°18.16'	9°17.60'	T	B	30	BR	15	12	<2	1300	49000	6.7	120
862	L008L	118°18.20'	9°17.61'	T	B	20	BR	40	32	<2	1100	11000	5.6	110
863	L008R	118°18.19'	9°17.62'	T	B	20	BR	65	26	<2	5200	48000	14.1	310
864	L009L	118°18.21'	9°17.63'	T	B	30	BR	35	30	6	1700	35000	6.9	140
865	L009R	118°18.21'	9°17.64'	T	B	30	BR	70	28	4	2540	25000	19.0	630
866	L010L	118°18.24'	9°17.63'	T	B	30	BR	35	50	4	630	4700	4.3	30
867	L010R	118°18.22'	9°17.64'	T	B	30	RD	45	18	2	3930	80000	17.7	430
868	L011L	118°18.24'	9°17.66'	T	B	30	RD	60	32	4	3580	74000	17.8	520
869	L011R	118°18.23'	9°17.67'	T	B	30	RD	40	30	<2	3670	66000	19.5	560
870	L012L	118°18.26'	9°17.67'	T	B	30	RD	40	34	<2	3770	56000	24.1	420
871	L012R	118°18.25'	9°17.68'	T	B	30	RD	50	38	4	4360	56000	27.1	570
872	L013L	118°18.28'	9°17.68'	T	B	30	RD	120	42	6	4710	72000	30.5	520
873	L013R	118°18.26'	9°17.69'	T	B	30	RD	50	28	6	4170	83000	27.2	530
874	L014L	118°18.30'	9°17.68'	T	B	30	RD	55	42	6	4320	83000	26.5	540
875	L014R	118°18.29'	9°17.69'	T	B	30	RD	50	28	<2	3960	56000	29.4	420
876	L015L	118°18.32'	9°17.70'	T	B	30	RD	40	44	<2	2010	34000	30.7	290
877	L015R	118°18.31'	9°17.70'	T	B	30	RD	30	22	4	4320	64000	29.8	560
878	L016L	118°18.30'	9°17.72'	T	B	30	RD	30	18	<2	4130	65000	27.1	450
879	L016R	118°18.29'	9°17.71'	T	B	30	RD	20	16	<2	4990	96000	25.7	520
880	L017L	118°18.30'	9°17.74'	T	B	30	RD	80	34	<2	3720	42000	29.0	410
881	L017R	118°18.29'	9°17.74'	T	B	30	RD	20	12	<2	5910	66000	23.5	510
882	L018L	118°18.30'	9°17.77'	T	B	30	RD	15	4	2	1510	6300	5.2	120
883	L018R	118°18.29'	9°17.77'	T	B	30	RD	20	16	6	5650	76000	26.8	550
884	L019L	118°18.27'	9°17.77'	T	B	30	RD	80	28	6	6230	52000	23.7	490
885	L019R	118°18.26'	9°17.76'	T	B	30	RD	25	14	12	3750	54000	21.8	510
886	L020L	118°18.25'	9°17.78'	D	B	30	RD	35	10	8	6130	82000	23.5	500
887	L020R	118°18.24'	9°17.78'	D	B	30	RD	10	14	2	1180	7900	6.4	36
888	L021L	118°18.27'	9°17.79'	D	B	30	RD	20	12	2	5440	70000	23.4	550
889	L021R	118°18.26'	9°17.80'	D	B	30	RD	20	24	<2	2940	25000	27.0	240
890	L022L	118°18.30'	9°17.80'	D	B	20	RD	20	8	<2	5270	94000	23.1	620
891	L022R	118°18.28'	9°17.80'	D	B	20	RD	10	16	2	2750	21000	15.6	260
892	L023L	118°18.29'	9°17.83'	D	B	30	RD	15	10	4	5610	76000	23.4	580
893	L023R	118°18.28'	9°17.83'	D	B	30	RD	25	26	6	3720	30000	23.5	290
894	L024L	118°18.31'	9°17.84'	D	B	30	RD	30	16	4	6840	56000	31.5	670
895	L024R	118°18.30'	9°17.85'	D	B	30	RD	30	14	<2	6340	72000	26.2	600
896	L025L	118°18.30'	9°17.86'	D	B	30	RD	35	14	2	7070	84000	28.4	650
897	L025R	118°18.28'	9°17.87'	D	B	30	RD	20	16	4	5650	64000	29.0	650
898	L026L	118°18.31'	9°17.87'	D	B	20	RD	45	96	<24	6920	35000	38.0	670
899	L026R	118°18.30'	9°17.88'	D	B	20	RD	20	6	<2	6910	114000	27.6	640
900	L027L	118°18.32'	9°17.89'	D	B	20	RD	25	6	2	7370	57000	29.5	630
901	L027R	118°18.31'	9°17.90'	D	B	20	RD	30	12	4	6320	45000	36.5	810
902	L028L	118°18.35'	9°17.91'	D	B	20	RD	35	16	2	6370	30000	37.0	660
903	L028R	118°18.33'	9°17.92'	D	B	20	RD	35	6	<2	6400	100000	28.2	640
904	L029L	118°18.14'	9°17.58'	G	B	30	BR	15	4	<2	2730	34000	10.6	210
905	L029R	118°18.14'	9°17.58'	G	B	30	BR	10	6	4	3430	22000	9.0	210
906	L030L	118°18.12'	9°17.58'	G	B	30	BR	20	8	2	3690	20000	10.6	280
907	L030R	118°18.11'	9°17.57'	G	B	30	BR	15	40	8	830	2500	3.3	49
908	L031L	118°18.11'	9°17.60'	G	B	30	BR	20	10	4	3920	28000	12.5	330
909	L031R	118°18.10'	9°17.59'	G	B	30	BR	35	16	<2	4130	20000	17.2	400
910	L032L	118°18.10'	9°17.62'	G	B	30	BR	15	8	<2	4190	20000	10.0	230

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (14)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
911	L032R	118°18.09'	9°17.61'	G	B	30	BR	20	8	<2	3490	28000	14.4	390
912	L033L	118°18.08'	9°17.63'	G	B	30	BR	30	14	<2	4100	41000	16.8	340
913	L033R	118°18.06'	9°17.62'	G	B	30	BR	30	48	2	1860	11000	6.4	380
914	L034L	118°18.06'	9°17.65'	G	B	30	BR	110	12	<2	3670	33000	11.4	250
915	L034R	118°18.04'	9°17.65'	G	B	30	BR	210	40	4	3470	26000	9.3	230
916	L035L	118°18.05'	9°17.68'	G	B	30	BR	25	14	<2	2340	20000	14.5	320
917	L035R	118°18.04'	9°17.68'	G	B	30	BR	15	10	<2	2770	24000	8.5	200
918	L036L	118°18.05'	9°17.71'	G	B	30	BR	15	8	<2	3280	13000	11.5	250
919	L036R	118°18.03'	9°17.70'	G	B	30	BR	20	10	<2	3630	25000	11.4	290
920	L037L	118°18.03'	9°17.73'	G	B	30	BR	15	6	<2	4050	20000	11.5	280
921	L037R	118°18.02'	9°17.73'	G	B	30	RD	30	24	<2	2360	17000	10.9	380
922	L038L	118°18.04'	9°17.76'	G	B	20	RD	30	30	4	3310	17000	12.6	400
923	L038R	118°18.03'	9°17.76'	G	B	20	BR	15	10	<2	4460	13000	10.3	250
924	L039L	118°18.03'	9°17.78'	G	B	30	BR	15	10	<2	4060	13000	10.3	250
925	L039R	118°18.01'	9°17.78'	G	B	30	RD	25	14	<2	5300	12000	19.4	350
926	L040L	118°18.02'	9°17.80'	T	B	30	BR	50	16	<2	5160	24000	23.0	460
927	L040R	118°18.01'	9°17.81'	T	B	30	RD	55	26	2	6720	22000	25.7	460
928	L041L	118°18.05'	9°17.81'	T	B	30	RD	25	20	<2	5550	20000	24.0	450
929	L041R	118°18.04'	9°17.82'	T	B	30	BR	10	6	<2	4150	13000	10.2	220
930	L042L	118°18.07'	9°17.83'	T	B	30	BR	15	14	4	4220	24000	10.3	260
931	L042R	118°18.06'	9°17.83'	T	B	30	RD	10	10	<2	4110	17000	9.0	250
932	L043L	118°18.07'	9°17.85'	T	B	20	RD	15	16	<2	4710	18000	16.5	310
933	L043R	118°18.06'	9°17.85'	T	B	20	BR	15	8	<2	4390	17000	11.0	260
934	L044L	118°18.07'	9°17.88'	D	B	20	RD	10	4	<2	4350	16000	12.2	280
935	L044R	118°18.05'	9°17.88'	D	B	20	RD	25	4	<2	5270	38000	23.0	580
936	L045L	118°18.07'	9°17.90'	D	B	30	RD	15	6	<2	5420	13000	14.6	310
937	L045R	118°18.05'	9°17.91'	D	B	30	RD	10	6	<2	6510	20000	24.7	450
938	L046L	118°18.08'	9°17.93'	D	B	20	RD	25	10	<2	7200	34000	36.0	540
939	L046R	118°18.07'	9°17.93'	D	B	20	BR	10	<2	<2	4730	12000	11.8	260
940	L047L	118°18.08'	9°17.96'	D	B	20	RD	15	4	<2	3060	25000	28.6	440
941	L047R	118°18.07'	9°17.95'	D	B	20	BR	5	<2	<2	4070	24000	9.7	240
942	L048L	118°18.06'	9°17.97'	D	B	30	BR	5	<2	<2	4310	22000	9.5	230
943	L048R	118°18.05'	9°17.96'	D	B	30	RD	20	6	<2	4850	21000	16.4	410
944	L049L	118°18.06'	9°18.00'	D	B	30	RD	10	6	<2	6280	22000	16.0	370
945	L049R	118°18.04'	9°17.99'	D	B	30	BR	15	20	<2	4510	15000	11.1	250
946	L050L	118°18.05'	9°18.02'	D	B	30	RD	10	10	4	7770	24000	31.5	630
947	L050R	118°18.03'	9°18.02'	D	B	30	RD	20	2	<2	7930	29000	30.0	640
948	L051L	118°18.05'	9°18.05'	D	B	30	RD	25	10	<2	7050	22000	37.5	640
949	L051R	118°18.04'	9°18.05'	D	B	30	RD	25	8	<2	8500	24000	23.5	600
950	L052L	118°18.05'	9°18.07'	D	B	30	RD	20	8	<2	9208	25000	26.5	710
951	L052R	118°18.04'	9°18.08'	D	B	30	RD	15	8	<2	8600	15000	36.0	680
952	L053L	118°18.08'	9°18.08'	D	B	30	RD	25	24	<2	10500	28000	29.5	820
953	L053R	118°18.07'	9°18.09'	D	B	30	RD	30	18	<2	8100	17000	36.5	690
954	L054L	118°18.09'	9°18.10'	D	B	30	RD	25	10	<2	7830	39000	24.0	730
955	L054R	118°18.08'	9°18.10'	D	B	30	RD	20	6	<2	9300	39000	26.5	720
956	L055L	118°18.09'	9°18.13'	D	B	30	RD	25	20	10	9300	33000	31.0	860
957	L055R	118°18.08'	9°18.13'	D	B	30	RD	20	4	4	13300	19000	32.5	1030
958	L056L	118°18.11'	9°18.15'	D	B	20	RD	15	4	<2	7560	27000	34.5	700
959	L056R	118°18.10'	9°18.15'	D	B	20	RD	25	4	<2	11400	17000	30.0	780
960	L057L	118°18.13'	9°18.16'	D	B	30	RD	15	2	4	9700	16000	35.5	870
961	L057R	118°18.12'	9°18.17'	D	B	30	RD	25	8	<2	11300	20000	28.0	1090
962	L058L	118°18.15'	9°18.17'	D	B	30	RD	25	12	<2	8800	25000	26.5	820
963	L058R	118°18.15'	9°18.18'	D	B	30	RD	30	16	4	8900	14000	38.0	1020
964	L059L	118°18.18'	9°18.17'	D	B	30	RD	40	8	<4	8100	27000	37.5	700
965	L059R	118°18.17'	9°18.18'	D	B	30	RD	25	24	4	8200	52000	30.5	640
966	L060L	118°18.20'	9°18.18'	D	B	20	RD	25	4	2	8900	41000	32.5	910
967	L060R	118°18.20'	9°18.19'	D	B	20	RD	30	18	10	7910	50000	30.0	660
968	L061L	118°18.23'	9°18.19'	D	B	20	RD	30	10	<2	9100	72000	32.5	720
969	L061R	118°18.22'	9°18.20'	D	B	20	RD	35	16	<2	8400	18000	38.5	700
970	L062L	118°18.25'	9°18.20'	D	B	30	RD	30	16	<4	7190	50000	37.0	650
971	L062R	118°18.25'	9°18.21'	D	B	30	RD	30	12	4	8200	66000	30.0	660
972	L063L	118°18.28'	9°18.20'	D	B	30	RD	15	8	<2	7840	41000	40.5	590
973	L063R	118°18.27'	9°18.21'	D	B	30	RD	20	6	<2	7220	44000	25.0	560
974	L064L	118°18.30'	9°18.21'	D	B	30	RD	20	2	<2	8010	68000	30.0	610
975	L064R	118°18.30'	9°18.22'	D	B	30	RD	20	8	8	9200	32000	28.5	640
976	L065L	118°18.32'	9°18.20'	D	B	30	RD	25	8	<2	8700	35000	31.5	720
977	L065R	118°18.33'	9°18.21'	D	B	30	RD	15	10	4	8500	36000	34.0	690
978	L066L	118°18.35'	9°18.19'	D	B	30	RD	25	10	190	8800	29000	34.0	610
979	L066R	118°18.36'	9°18.21'	D	B	30	RD	30	18	8	8200	46000	30.0	620
980	L067L	118°18.03'	9°18.00'	D	B	30	RD	25	16	<2	7060	31000	28.6	370

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (15)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
981	L067R	118°18.03'	9°17.98'	D	B	30	BR	30	22	4	5100	15000	13.0	260
982	L068L	118°18.00'	9°18.00'	D	B	30	BR	20	10	4	4540	11000	11.8	210
983	L068R	118°17.99'	9°17.99'	D	B	30	BR	15	<2	<2	4850	16000	10.9	200
984	L069L	118°17.99'	9°18.02'	D	B	30	BR	15	14	<2	5020	16000	11.3	190
985	L069R	118°17.98'	9°18.01'	D	B	30	RD	20	12	<2	4400	21000	10.1	210
986	L070L	118°17.98'	9°18.04'	D	B	30	BR	15	10	<2	4210	15000	11.2	200
987	L070R	118°17.97'	9°18.03'	D	B	30	BR	20	14	<2	4050	25000	13.5	240
988	L071L	118°18.00'	9°18.06'	D	B	30	BR	15	12	<2	5250	14000	12.6	250
989	L071R	118°17.99'	9°18.06'	D	B	30	BR	15	50	10	4350	12000	11.3	180
990	L072L	118°17.98'	9°18.08'	D	B	30	BR	20	18	<2	5570	13000	13.4	210
991	L072R	118°17.97'	9°18.08'	D	B	30	BR	15	14	<2	5090	16000	12.3	210
992	L073L	118°17.96'	9°18.09'	D	B	30	BR	15	16	<2	4480	12000	11.3	210
993	L073R	118°17.94'	9°18.08'	D	B	30	RD	30	14	<2	4750	28000	14.1	220
994	L074L	118°17.95'	9°18.11'	D	B	30	BR	15	10	<2	4620	18000	13.0	200
995	L074R	118°17.94'	9°18.11'	D	B	30	RD	20	18	<2	6870	19000	29.4	410
996	L075L	118°17.95'	9°18.13'	D	B	30	BR	20	20	4	5520	6600	12.5	240
997	L075R	118°17.94'	9°18.13'	D	B	30	BR	20	12	<2	4320	19000	11.8	240
998	L076L	118°17.97'	9°18.15'	D	B	30	RD	35	20	<2	7640	16000	27.5	410
999	L076R	118°17.95'	9°18.16'	D	B	30	BR	20	10	4	4410	12000	11.4	230
1000	L077L	118°17.97'	9°18.18'	H	B	30	BR	40	24	8	9400	16000	32.3	410
1001	L077R	118°17.96'	9°18.18'	H	B	30	RD	20	6	<2	6030	14000	12.5	230
1002	L078L	118°17.96'	9°18.20'	H	B	30	RD	30	12	<2	7710	26000	31.5	490
1003	L078R	118°17.94'	9°18.20'	H	B	30	BR	25	22	10	4290	16000	10.3	180
1004	L079L	118°17.96'	9°18.22'	H	B	30	RD	30	10	<2	6550	36000	33.5	380
1005	L079R	118°17.94'	9°18.22'	H	B	30	BR	15	40	6	4150	12000	9.3	180
1006	L080L	118°17.95'	9°18.25'	H	B	30	RD	30	10	<2	6140	27000	19.6	510
1007	L080R	118°17.93'	9°18.25'	H	B	30	BR	20	14	4	3820	12000	9.5	200
1008	L081L	118°17.94'	9°18.27'	H	B	30	RD	20	8	4	7590	25000	34.0	600
1009	L081R	118°17.93'	9°18.28'	H	B	30	BR	20	10	<2	6300	14000	21.3	480
1010	L082L	118°17.96'	9°18.28'	H	B	20	RD	25	12	<2	5110	33000	16.9	400
1011	L082R	118°17.96'	9°18.29'	H	B	20	RD	30	10	2	5920	41000	23.7	620
1012	L083L	118°17.98'	9°18.28'	H	B	30	RD	30	8	<2	5600	28000	20.9	450
1013	L083R	118°17.98'	9°18.29'	H	B	30	RD	40	12	<2	7360	26000	32.0	670
1014	L084L	118°17.99'	9°18.30'	H	B	30	RD	30	12	<2	5810	30000	23.9	580
1015	L084R	118°18.00'	9°18.30'	H	B	30	RD	35	10	<2	5510	23000	17.5	340
1016	L085L	118°17.99'	9°18.31'	H	B	30	RD	30	14	<2	6100	29000	18.7	400
1017	L085R	118°17.98'	9°18.32'	H	B	30	RD	30	14	<2	4720	30000	16.0	460
1018	L086L	118°18.01'	9°18.32'	H	B	20	RD	30	12	<2	7270	25000	24.1	450
1019	L086R	118°18.00'	9°18.33'	H	B	20	RD	20	12	<2	5940	20000	12.9	250
1020	L087L	118°20.93'	9°18.05'	H	B	25	RD	60	20	4	2860	18000	7.8	140
1021	L087R	118°20.94'	9°18.04'	H	B	25	BR	40	12	<2	2790	13000	8.5	250
1022	L088L	118°20.92'	9°18.01'	H	B	15	BR	20	10	<2	3010	20000	7.9	240
1023	L088R	118°20.92'	9°18.01'	H	B	15	RD	65	16	14	3590	34000	16.8	490
1024	L089L	118°20.90'	9°17.98'	H	B	20	RD	20	12	<2	950	6200	6.9	170
1025	L089R	118°20.91'	9°17.98'	H	B	15	BR	60	18	<2	4550	27000	21.4	430
1026	L090L	118°20.89'	9°17.95'	H	B	15	BR	160	18	<2	4600	45000	26.0	760
1027	L090R	118°20.89'	9°17.95'	H	B	15	BR	20	16	<2	3070	20000	11.2	230
1028	L091L	118°20.86'	9°17.94'	D	B	25	RD	70	16	<2	3660	23000	20.1	520
1029	L091R	118°20.87'	9°17.94'	D	B	15	RD	95	20	<2	4670	26000	26.6	570
1030	L092L	118°20.85'	9°17.91'	D	B	15	RD	220	26	2	4700	21000	24.3	530
1031	L092R	118°20.86'	9°17.91'	D	B	15	RD	25	20	<2	2410	10000	12.8	270
1032	L093L	118°20.85'	9°17.89'	D	B	15	RD	55	20	<2	3610	25000	16.3	450
1033	L093R	118°20.86'	9°17.88'	D	B	25	RD	45	24	<2	3810	22000	18.7	550
1034	L094L	118°20.83'	9°17.87'	H	B	15	RD	45	26	<2	3670	22000	17.8	490
1035	L094R	118°20.84'	9°17.86'	H	B	15	RD	40	28	<2	3420	18000	14.1	370
1036	L095L	118°20.81'	9°17.85'	H	B	15	RD	35	28	<2	3820	14000	14.3	320
1037	L095R	118°20.82'	9°17.85'	H	B	15	RD	55	32	4	4430	31000	20.2	590
1038	L096L	118°20.79'	9°17.85'	H	B	15	RD	20	30	2	2520	12000	13.2	220
1039	L096R	118°20.79'	9°17.84'	H	B	15	RD	16	24	<2	3030	23000	13.4	260
1040	L097L	118°20.77'	9°17.84'	H	B	15	RD	30	38	<2	3270	16000	11.2	350
1041	L097R	118°20.77'	9°17.83'	H	B	15	RD	<5	<2	<2	2990	26000	12.4	210
1042	L098L	118°20.74'	9°17.83'	H	B	15	BR	35	40	36	3170	13000	9.5	220
1043	L098R	118°20.74'	9°17.82'	H	B	15	RD	250	20	6	620	1800	6.8	66
1044	L099L	118°20.72'	9°17.83'	H	B	25	BR	25	8	<2	2920	10000	10.6	210
1045	L099R	118°20.72'	9°17.82'	H	B	15	BR	20	28	8	1780	5900	6.3	160
1046	L100L	118°20.69'	9°17.83'	H	B	15	RD	15	12	12	4170	24000	14.9	500
1047	L100R	118°20.69'	9°17.82'	H	B	15	RD	20	10	<2	3780	17000	12.0	290
1048	L101L	118°20.67'	9°17.83'	H	B	15	BR	15	<2	<2	4430	13000	13.5	280
1049	L101R	118°20.67'	9°17.82'	H	B	25	BR	10	<2	<2	3850	6800	10.0	180
1050	L102L	118°20.79'	9°17.82'	H	B	15	BR	25	<2	<2	3480	17000	9.2	300

Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (16)

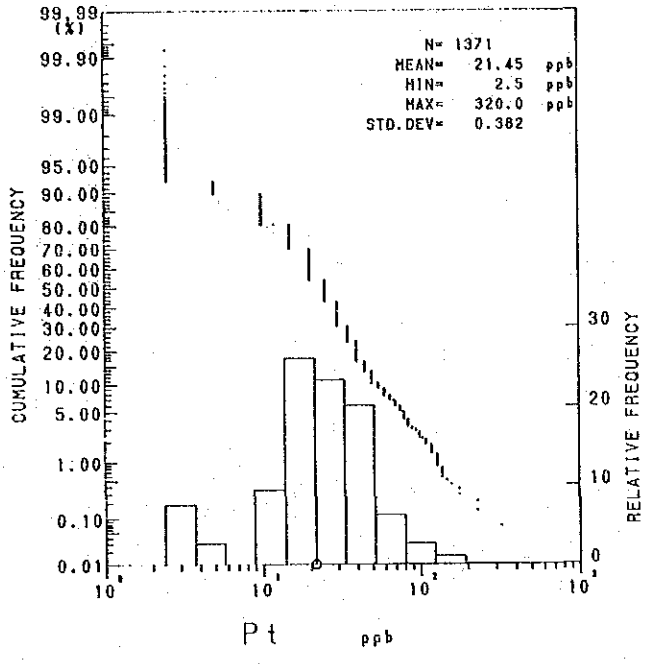
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1051	L102R	118°20.80'	9°17.82'	H	B	25	RD	25	<2	<2	2800	16000	12.1	250
1052	L103L	118°20.77'	9°17.80'	H	B	25	RD	10	<2	<2	2650	43000	11.5	260
1053	L103R	118°20.78'	9°17.80'	H	B	25	RD	20	<2	<2	2550	15000	11.6	150
1054	L104L	118°20.76'	9°17.78'	H	B	15	RD	15	<2	<2	3190	15000	11.6	250
1055	L104R	118°20.77'	9°17.78'	H	B	15	RD	55	<2	<2	2770	21000	9.9	250
1056	L105L	118°21.41'	9°17.83'	H	B	15	BR	15	<2	<2	3640	15000	8.9	190
1057	L105R	118°21.42'	9°17.83'	H	B	15	BR	20	<2	<2	2950	13000	7.8	160
1058	L106L	118°21.37'	9°17.80'	H	B	15	RD	15	<2	<2	1480	15000	6.5	160
1059	L106R	118°21.38'	9°17.79'	H	B	25	RD	40	<2	<2	3180	21000	10.6	280
1060	L107L	118°21.33'	9°17.77'	D	B	15	BR	55	<2	<2	6000	26000	26.7	530
1061	L107R	118°21.34'	9°17.77'	D	B	25	BR	75	<2	<2	5870	17000	29.5	520
1062	L108L	118°21.29'	9°17.75'	D	B	15	BR	30	<2	<2	3430	4400	12.0	220
1063	L108R	118°21.29'	9°17.74'	D	B	15	BR	50	14	6	2770	10000	11.3	300
1064	L109L	118°21.24'	9°17.74'	D	B	15	RD	35	10	6	2910	15000	11.7	320
1065	L109R	118°21.24'	9°17.73'	D	B	15	RD	30	12	2	3070	18000	12.0	299
1066	L110L	118°21.19'	9°17.72'	D	B	15	BR	45	20	<2	2660	21000	10.8	303
1067	L110R	118°21.19'	9°17.72'	D	B	25	BR	30	12	<2	2170	15000	10.7	271
1068	L111L	118°21.14'	9°17.71'	H	B	25	RD	45	20	8	3140	18000	14.6	348
1069	L111R	118°21.15'	9°17.70'	H	B	15	RD	40	12	<2	3080	14000	13.1	310
1070	L112L	118°21.10'	9°17.67'	H	B	15	RD	55	4	<2	2420	16000	10.3	249
1071	L112R	118°21.11'	9°17.66'	H	B	15	RD	25	2	<2	2480	13000	9.4	236
1072	L113L	118°21.09'	9°17.64'	H	B	15	BR	45	10	2	2920	14000	12.9	336
1073	L113R	118°21.09'	9°17.63'	H	B	15	BR	20	<2	4	3400	18000	12.3	309
1074	L114L	118°21.07'	9°17.62'	H	B	25	RD	20	6	4	2980	10000	10.8	222
1075	L114R	118°21.07'	9°17.62'	H	B	15	RD	120	<2	<2	3100	13000	14.5	309
1076	L115L	118°21.04'	9°17.60'	H	B	15	RD	30	6	<2	3120	11000	12.3	344
1077	L115R	118°21.05'	9°17.59'	H	B	15	RD	30	10	2	3480	12000	14.8	304
1078	L116L	118°21.02'	9°17.58'	H	B	15	RD	30	10	<2	3060	10000	12.4	290
1079	L116R	118°21.02'	9°17.58'	H	B	15	RD	35	12	4	3100	22000	13.0	409
1080	L117L	118°20.99'	9°17.56'	H	B	15	BR	30	4	4	3170	14000	11.5	307
1081	L117R	118°20.99'	9°17.55'	H	B	25	BR	25	4	2	2870	13000	10.8	276
1082	L118L	118°20.95'	9°17.56'	H	B	15	RD	25	6	<2	3340	10000	11.9	247
1083	L118R	118°20.95'	9°17.55'	H	B	25	RD	30	4	2	3310	16000	14.0	365
1084	L119L	118°20.93'	9°17.54'	H	B	15	RD	20	2	2	2800	10000	11.9	271
1085	L119R	118°20.93'	9°17.53'	H	B	15	RD	25	26	12	2520	18000	11.0	263
1086	L120L	118°20.89'	9°17.53'	H	B	25	RD	20	24	<2	2660	18000	11.1	282
1087	L120R	118°20.89'	9°17.52'	H	B	25	RD	15	28	12	2590	16000	10.1	240
1088	L121L	118°21.55'	9°17.78'	H	B	25	RD	30	54	14	2070	18000	5.6	119
1089	L121R	118°21.54'	9°17.75'	H	B	25	RD	15	<2	80	2750	28000	11.3	240
1090	L122L	118°21.66'	9°17.74'	H	B	25	RD	60	112	44	1950	16000	5.4	86
1091	L122R	118°21.64'	9°17.71'	H	B	25	RD	5	<2	18	1210	5000	6.8	108
1092	L123L	118°21.78'	9°17.69'	H	B	25	RD	<5	<2	22	1990	10000	6.5	119
1093	L123R	118°21.76'	9°17.66'	D	B	15	RD	10	<2	<2	2160	12000	5.8	120
1094	L124L	118°18.84'	9°16.77'	B	B	15	BR	<5	92	18	160	600	3.6	53
1095	L124R	118°18.82'	9°16.76'	B	B	15	BR	<5	<2	14	58	400	8.2	38
1096	L125L	118°18.81'	9°16.80'	G	B	15	BR	<5	102	18	140	1700	3.6	24
1097	L125R	118°18.80'	9°16.80'	G	B	15	BR	<5	<2	14	54	500	6.5	34
1098	L126L	118°18.78'	9°16.84'	G	B	15	BR	5	110	26	120	800	2.4	34
1099	L126R	118°18.77'	9°16.83'	G	B	15	BR	<5	110	18	110	500	2.5	24
1100	L127L	118°18.76'	9°16.86'	G	B	15	BR	<5	114	28	140	1300	3.2	24
1101	L127R	118°18.75'	9°16.85'	G	B	15	BR	<5	4	16	69	400	10.4	44
1102	L128L	118°18.77'	9°16.90'	G	B	15	BR	5	122	316	130	500	2.6	29
1103	L128R	118°18.75'	9°16.91'	G	B	15	BR	15	108	26	69	700	4.5	31
1104	L129L	118°18.92'	9°16.61'	B	B	25	BR	15	124	28	100	900	4.5	39
1105	L129R	118°18.90'	9°16.61'	B	B	25	BR	<5	114	24	150	600	3.1	38
1106	L130L	118°18.90'	9°16.55'	B	B	25	BR	<5	8	4	41	300	7.0	33
1107	L130R	118°18.89'	9°16.56'	B	B	25	BR	5	16	2	56	600	9.1	70
1108	L131L	118°18.86'	9°16.52'	B	B	25	BR	25	46	14	68	500	6.4	31
1109	L131R	118°18.85'	9°16.51'	B	B	25	BR	<5	12	4	59	500	10.5	72
1110	L132L	118°18.89'	9°16.48'	B	B	25	BR	<5	12	206	68	400	9.0	38
1111	L132R	118°18.87'	9°16.47'	B	B	25	BR	10	36	16	100	1000	2.9	21
1112	L133L	118°18.91'	9°16.44'	B	B	25	RD	5	34	8	310	11000	10.1	40
1113	L133R	118°18.89'	9°16.43'	B	B	25	BR	10	34	10	130	1300	3.5	28
1114	L134L	118°19.43'	9°16.86'	G	B	15	BR	15	60	10	530	10000	4.8	37
1115	L134R	118°19.43'	9°16.87'	G	B	15	BR	40	80	10	760	14000	7.0	54
1116	L135L	118°19.48'	9°16.87'	G	B	15	BR	35	138	22	530	11000	5.6	77
1117	L135R	118°19.47'	9°16.88'	G	B	15	BR	30	136	40	390	13000	4.8	32
1118	L136L	118°19.52'	9°16.89'	G	B	15	BR	20	62	14	690	25000	6.6	48
1119	L136R	118°19.52'	9°16.90'	G	B	15	BR	20	58	22	1070	32000	9.6	135
1120	L137L	118°19.56'	9°16.92'	G	B	15	RD	20	58	10	1770	29000	14.2	233

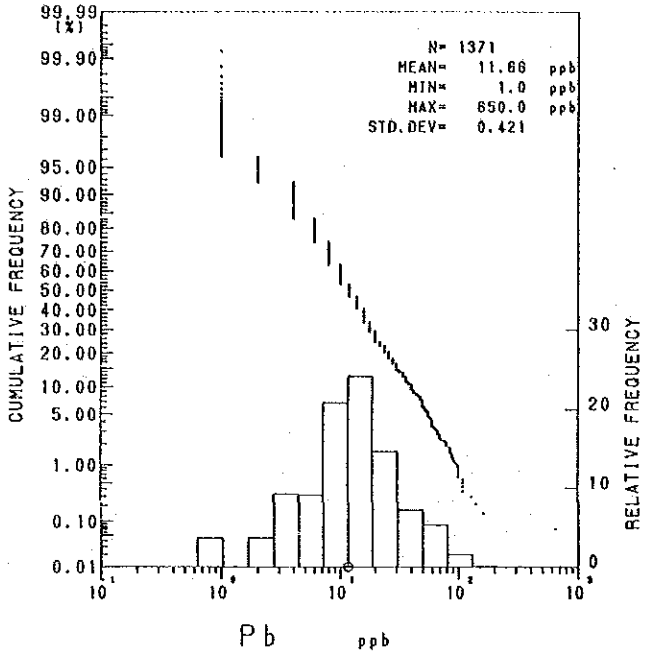
Appendix 23 Chemical analyses of geochemical soil samples in area B-1 (17)

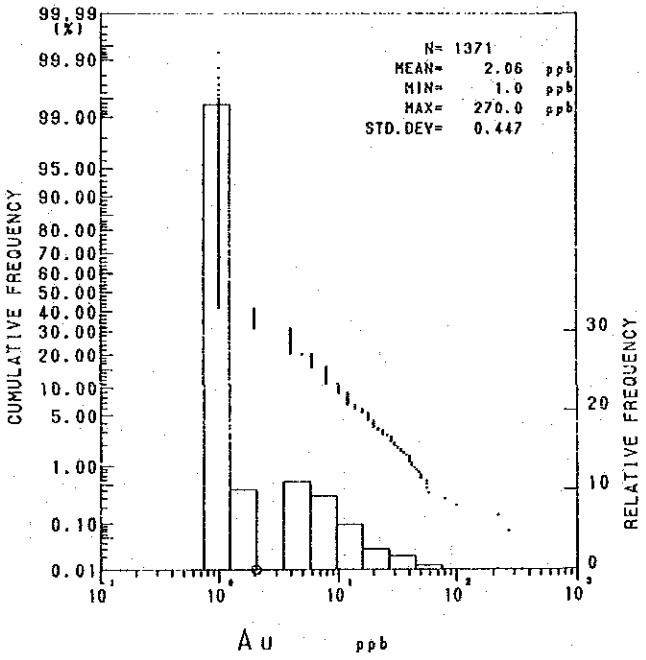
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1121	L137R	118°19.55'	9°16.93'	G	B	15	BR	20	70	16	600	14000	6.4	39
1122	L138L	118°19.58'	9°16.94'	G	B	15	BR	15	42	<2	1570	45000	9.9	29
1123	L138R	118°19.57'	9°16.95'	G	B	15	BR	15	32	26	550	17000	5.1	25
1124	L139L	118°19.50'	9°16.99'	G	B	15	BR	60	46	<2	2690	80000	13.1	227
1125	L139R	118°19.49'	9°16.99'	G	B	15	BR	25	50	16	2770	110000	14.5	265
1126	L140L	118°19.46'	9°17.19'	G	B	15	BR	60	108	<2	3730	92000	19.6	457
1127	L140R	118°19.46'	9°17.20'	G	B	15	BR	10	30	26	1810	80000	7.8	268
1128	L141L	118°19.47'	9°17.22'	G	B	15	BR	10	10	<2	1750	48000	9.7	264
1129	L141R	118°19.47'	9°17.23'	G	B	15	BR	10	18	2	980	8700	6.0	106
1130	L142L	118°19.49'	9°17.23'	G	B	15	BR	10	16	2	1200	34000	7.5	158
1131	L142R	118°19.49'	9°17.24'	G	B	15	BR	15	12	<2	920	13000	5.7	114
1132	L143L	118°19.51'	9°17.25'	G	B	15	BR	10	24	<2	1330	34000	6.8	194
1133	L143R	118°19.50'	9°17.25'	G	B	15	BR	20	26	<2	1580	29000	7.3	292
1134	L144L	118°19.51'	9°17.28'	G	B	15	BR	15	22	4	430	1900	3.6	102
1135	L144R	118°19.50'	9°17.28'	G	B	15	BR	20	10	<2	930	16000	5.4	209
1136	L145L	118°19.53'	9°17.30'	G	B	15	BR	5	8	<2	990	10000	5.8	179
1137	L145R	118°19.52'	9°17.30'	G	B	15	BR	5	4	2	1050	9200	3.9	62
1138	L146L	118°19.54'	9°17.31'	T	B	15	BR	20	12	<2	1740	10000	7.5	257
1139	L146R	118°19.53'	9°17.31'	T	B	15	BR	5	10	2	850	16000	5.7	32
1140	L147L	118°19.55'	9°17.34'	T	B	15	BR	85	16	2	3650	56000	21.0	618
1141	L147R	118°19.54'	9°17.34'	T	B	15	BR	5	10	<2	1780	18000	6.5	73
1142	L148L	118°19.55'	9°17.36'	T	B	15	RD	50	12	<2	4900	44000	26.0	586
1143	L148R	118°19.54'	9°17.36'	T	B	15	RD	15	18	<2	4070	31000	27.0	467
1144	L149L	118°19.56'	9°17.38'	D	B	15	RD	20	8	6	3570	43000	19.7	522
1145	L149R	118°19.55'	9°17.38'	D	B	15	RD	10	12	<2	5240	58000	27.0	745
1146	L150L	118°19.57'	9°17.39'	D	B	15	RD	20	8	6	5040	56000	33.0	665
1147	L150R	118°19.57'	9°17.40'	D	B	15	RD	15	14	4	7430	42000	40.0	649
1148	L151L	118°19.60'	9°17.41'	D	B	15	RD	15	16	<2	6290	61000	34.0	673
1149	L151R	118°19.59'	9°17.42'	D	B	15	RD	10	4	<2	8000	37000	42.0	684
1150	L152L	118°19.61'	9°17.42'	D	B	15	RD	10	4	<2	6820	48000	30.0	651
1151	L152R	118°19.61'	9°17.43'	D	B	15	RD	10	4	<2	6130	80000	30.0	704
1152	L153L	118°19.63'	9°17.45'	D	B	15	RD	10	6	<2	6160	61000	32.0	650
1153	L153R	118°19.62'	9°17.46'	D	B	15	RD	15	8	<2	6840	26000	39.0	669
1154	L154L	118°19.64'	9°17.48'	D	B	15	RD	5	4	<2	7260	33000	48.0	754
1155	L154R	118°19.63'	9°17.48'	D	B	15	RD	15	4	<2	6480	67000	36.0	783
1156	L155L	118°19.66'	9°17.50'	D	B	15	RD	10	2	<2	6920	63000	32.0	659
1157	L155R	118°19.65'	9°17.50'	D	B	15	RD	20	6	<2	6610	58000	35.0	726
1158	L156L	118°19.68'	9°17.52'	D	B	15	RD	10	2	<2	6850	52000	35.0	769
1159	L156R	118°19.67'	9°17.52'	D	B	15	RD	15	12	4	7240	60000	37.0	726
1160	L157L	118°19.69'	9°17.54'	D	B	15	RD	10	6	<2	6890	55000	34.0	656
1161	L157R	118°19.68'	9°17.55'	D	B	15	RD	10	6	<2	7050	61000	34.0	717
1162	L158L	118°19.70'	9°17.56'	D	B	15	RD	5	6	<2	7060	50000	34.0	803
1163	L158R	118°19.69'	9°17.57'	D	B	15	RD	10	14	<2	6270	53000	35.0	765
1164	L159L	118°19.72'	9°17.58'	D	B	15	RD	10	6	<2	679	55000	33.0	810
1165	L159R	118°19.72'	9°17.58'	D	B	15	RD	15	8	<2	4900	55000	23.0	706
1166	L160L	118°19.73'	9°17.61'	D	B	15	RD	10	10	<2	5390	45000	29.0	773
1167	L160R	118°19.72'	9°17.61'	D	B	15	RD	15	18	6	6040	41000	32.0	769
1168	L161L	118°19.74'	9°17.63'	D	B	15	RD	20	16	2	5840	67000	31.0	767
1169	L161R	118°19.73'	9°17.63'	D	B	15	RD	15	18	24	6360	52000	31.0	662
1170	L162L	118°19.75'	9°17.65'	D	B	15	RD	45	86	4	5160	42000	31.0	669
1171	L162R	118°19.74'	9°17.65'	D	B	15	RD	10	18	8	6850	41000	39.0	724
1172	L163L	118°19.76'	9°17.68'	D	B	15	RD	10	14	10	6120	64000	35.0	724
1173	L163R	118°19.74'	9°17.68'	D	B	15	RD	10	12	<2	6670	45000	38.0	704
1174	L164L	118°19.76'	9°17.71'	D	B	15	RD	10	20	6	6320	57000	38.0	639
1175	L164R	118°19.74'	9°17.71'	D	B	15	RD	15	16	4	6890	47000	34.0	652
1176	L165L	118°19.71'	9°17.59'	D	B	15	RD	10	10	6	5360	49000	33.0	848
1177	L165R	118°19.70'	9°17.59'	D	B	15	BR	5	10	2	6040	52000	33.0	673
1178	L166L	118°18.89'	9°16.69'	B	B	15	BR	15	20	12	270	800	4.1	39
1179	L166R	118°18.87'	9°16.68'	B	B	15	BR	15	26	22	230	1000	4.3	61
1180	L167L	118°18.87'	9°16.72'	B	B	15	BR	15	24	14	140	400	2.9	29
1181	L167R	118°18.85'	9°16.72'	B	B	15	BR	10	14	10	230	1000	6.9	42
1182	L168	118°19.31'	9°18.29'	D	B	15	RD	24	6	<2	7950	55000	26.0	512
1183	L169	118°19.33'	9°18.27'	D	B	15	RD	45	10	4	8280	43000	35.0	573
1184	L170	118°19.34'	9°18.25'	D	B	15	RD	25	8	26	8300	62000	29.0	735
1185	L171	118°19.36'	9°18.23'	D	B	15	RD	10	8	8	7640	65000	35.0	710
1186	L172	118°19.37'	9°18.20'	D	B	15	RD	30	6	12	8100	64000	34.0	667
1187	L173	118°19.39'	9°18.18'	D	B	15	RD	20	6	<2	7960	56000	35.0	647
1188	L174	118°19.41'	9°18.17'	D	B	15	RD	10	6	<2	11800	43000	31.0	601
1189	L175	118°19.42'	9°18.15'	D	B	15	RD	<5	4	<2	7480	48000	27.0	671
1190	L176	118°19.45'	9°18.13'	D	B	15	RD	10	6	<2	13500	28000	35.0	886
1191	L177	118°19.45'	9°18.10'	D	B	15	RD	40	34	32	4730	63000	35.0	817

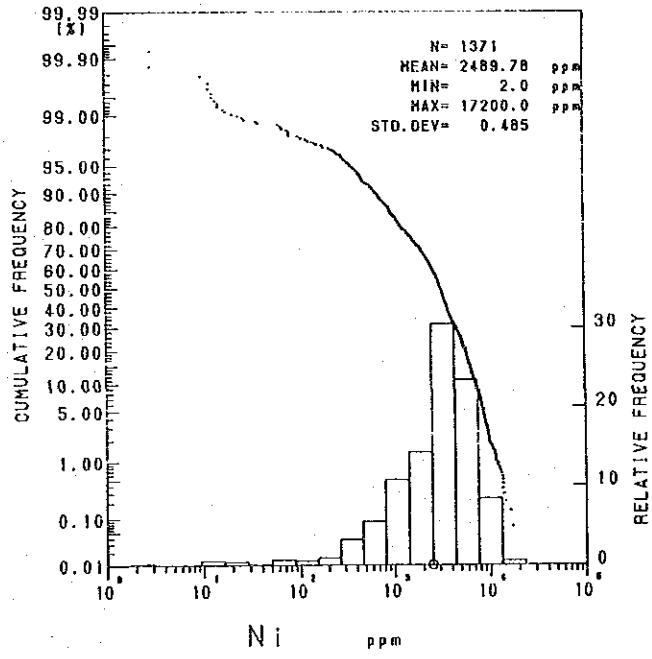
Geology : D;dunite, H;harzburgite, T;troctolite, S;serpentinite, G;gabbro, FG;fine grained gabbro, B;basalt

Color : BL;black, GR;gray, BR;brown, OR;orange, YE;yellow, RD;red

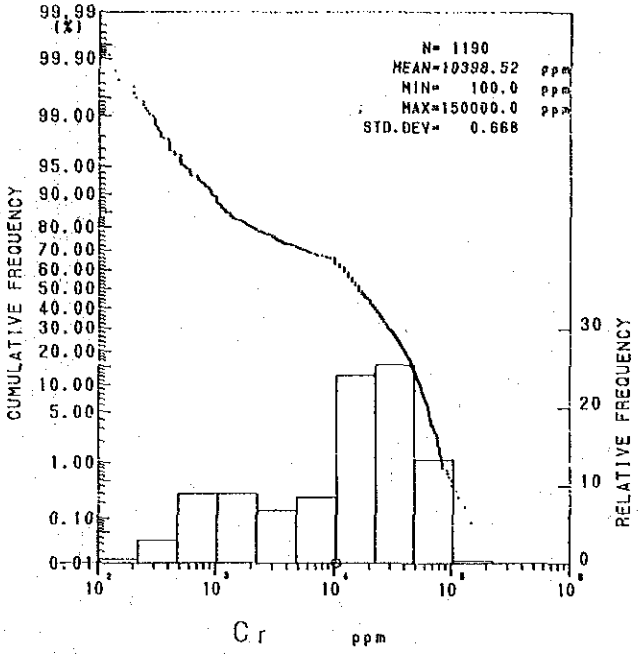


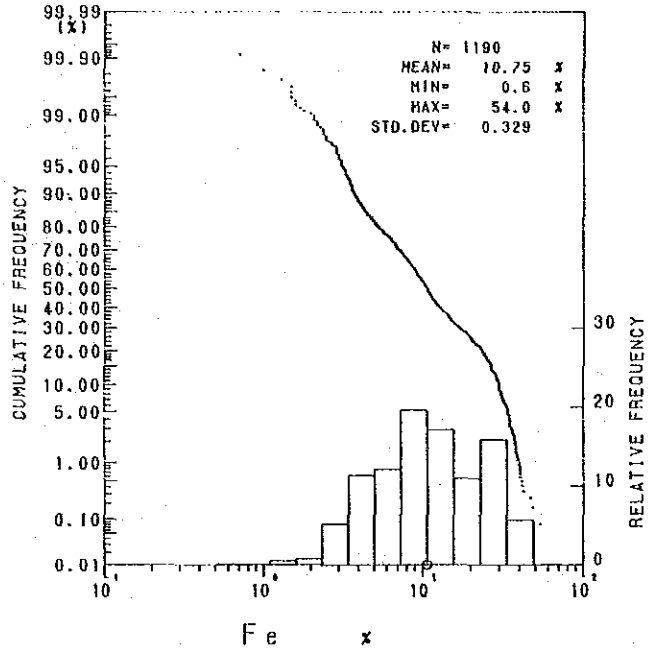


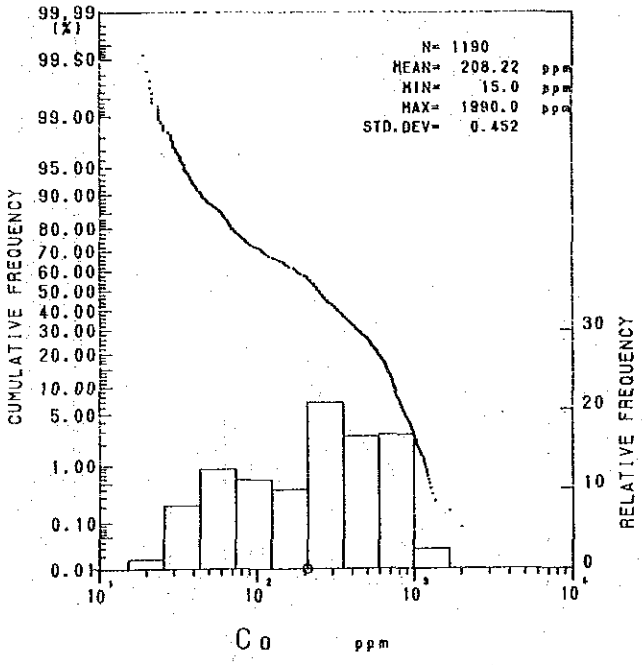




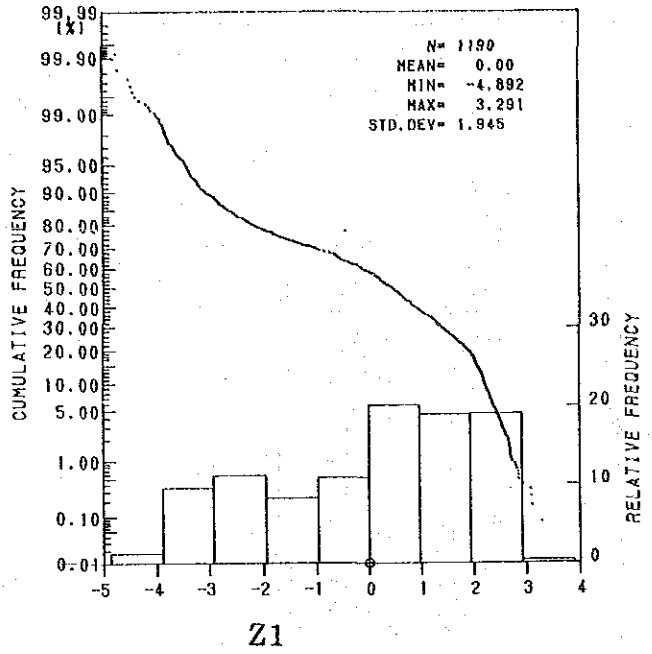
Appendix 24 Cumulative probability plots and histograms of soil samples in area B－1

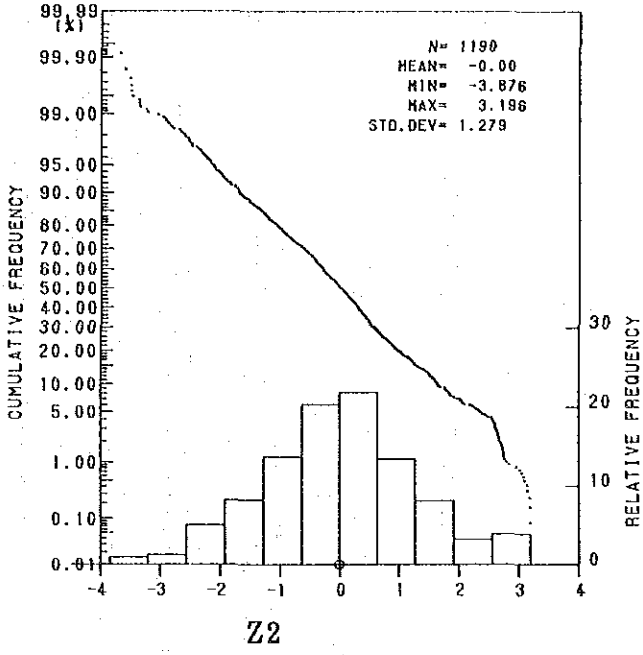


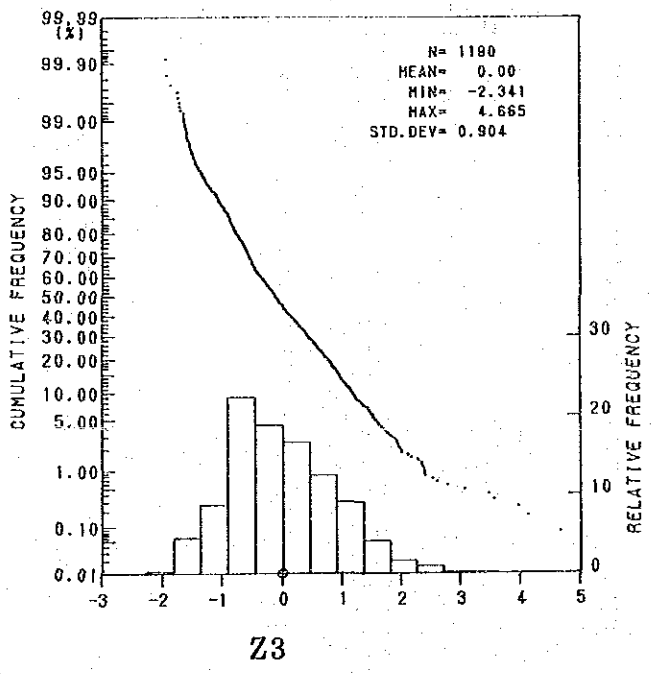




Appendix 24 Cumulative probability plots and histograms of soil samples in area B－1







Appendix 25 Cumulative probability plots and histograms of scores for principal components analysis of soil samples in area B-1

Appendix 26 Chemical analyses of geochemical rock samples in area B and B-1

Area B

No.	Sample No.	Rock type	Pt (ppb)	Pd (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
1	BCR001	basalt	<5	<2	<2	10	110	7.5	45
2	BCR002	gabbro	<5	2	<2	410	140	2.5	60
3	BFR001	basalt	<5	4	<2	65	<100	3.8	40
4	BFR002	basalt	<5	<2	<2	32	<100	5.0	33
5	BFR004	gabbro	<5	24	<2	57	160	1.0	31
6	BFR006	gabbro	35	110	<2	100	220	0.60	29
7	BFR007	dunite	<5	6	<2	2000	19000	4.2	88
8	BFR008	basalt	<5	<2	<2	30	130	4.2	30
9	BFR010	basalt	<5	<2	<2	34	100	4.6	32
10	BGR001	harz.	<5	8	<2	1730	2100	4.5	90
11	BGR003	f.gb.	<5	<2	<2	70	<100	3.7	45
12	BGR004	lherz.	<5	8	<2	1750	1600	4.6	91
13	BGR006	lherz.	<5	6	<2	1760	1900	4.3	98
14	BGR008	harz.	<5	2	<2	1700	1800	4.5	79
15	BGR011	harz.	<5	<2	<2	1900	2300	4.2	88
16	BGR013	qz.schist	20	6	<2	170	130	1.2	35
17	BGR014	harz.	15	<2	<2	1900	2200	4.9	95
18	BGR016	harz.	10	8	<2	1860	2300	4.9	99
19	BGR017	basalt	5	<2	<2	60	<100	4.2	34
20	BGR018	dunite	<5	<2	<2	2150	4100	4.8	98
21	BGR019	dunite	15	<2	<2	1980	8000	4.9	101
22	BGR020	dunite	<5	6	<2	1760	3100	4.6	106
23	BGR021	dunite	10	18	<2	1400	2800	5.5	104
24	BHR001	harz.	20	<2	<2	1940	1900	4.7	90
25	BHR002	harz.	15	6	<2	1460	1500	3.9	80
26	BHR003	lherz.	10	2	<2	1770	1900	4.7	89
27	BHR004	dunite	10	<2	<2	1930	1500	5.1	101
28	BHR005	dunite	<5	2	<2	2200	21000	4.3	89
29	BHR006	dunite	10	<2	<2	1770	2100	5.0	102
30	BHR007	harz.	20	<2	<2	1680	1700	5.0	89
31	BHR008	dunite	<5	<2	<2	1680	12000	5.2	100
32	BHR009	dunite	5	<2	<2	1990	11000	3.7	77
33	BHR010	dunite	<5	8	<2	3500	40000	2.8	79
34	BHR011	dunite	<5	4	<2	1720	13000	5.3	105
35	BHR012	dunite	<5	4	<2	1940	3500	4.9	97
36	BHR015	harz.	<5	<2	<2	1890	1500	4.4	90
37	BHR016	dunite	<5	<2	<2	1970	2100	5.8	119
38	BHR017	harz.	<5	<2	<2	1940	1700	4.7	92
39	BHR018	harz.	20	30	<2	1810	2700	4.2	90
40	BHR019	pxnite.	<5	<2	<2	100	<100	0.83	30
41	BHR022	lherz.	<5	<2	<2	1900	1400	4.7	91
42	BHR030	dunite	<5	6	<2	1930	6700	5.3	103
43	BJR001	lherz.	<5	8	<2	1750	1400	4.1	95
44	BJR004	dunite	<5	4	<2	1800	1700	4.4	87
45	BJR006	dunite	<5	<2	<2	2000	1600	4.7	90
46	BJR009	harz.	<5	4	<2	1820	1400	4.5	88
47	BJR010	lherz.	<5	6	<2	1840	1400	4.6	101
48	BJR011	harz.	<5	<2	<2	1770	2100	4.8	90
49	BJR012	dunite	<2	4	<2	3200	13000	4.5	76
50	BJR013	chromitite	<5	2	2	3400	144000	3.8	78
51	BJR014	dunite	<5	<2	<2	1650	6400	5.5	101
52	BJR015	dunite	<5	<2	<2	1550	5300	4.5	95
53	BJR016	dunite	<5	<2	<2	2050	2100	5.1	99
54	BJR017	harz.	<5	<2	<2	1890	1800	4.5	87
55	BJR018	dunite	<5	<2	<2	1870	6400	4.4	85
56	BJR019	harz.	<5	<2	<2	1850	2300	4.5	86
57	BJR020	harz.	<5	<2	<2				
58	BJR022	norite	<5	<2	<2	210	110	1.8	110
59	BJR024	dunite	<5	<2	<2	1770	2300	4.2	87
60	BJR025	dunite	<5	<2	<2	1800	1900	4.4	84
61	BJR026	ol.gb.	<5	4	<2	190	<100	1.3	60
62	BJR027	dunite	<5	10	<2	1810	1800	4.3	98
63	BJR028	dunite	<5	24	<2	1730	2200	5.3	99
64	BJR030	dunite	<5	<2	<2	1830	2000	4.4	87
65	BJR031	lap.tf.	<5	<2	<2	100	<100	4.7	48
66	BJR033	f.gb.	<5	2	<2	70	<100	0.68	43
67	BJR035	harz.	<5	<2	<2	1820	1500	4.5	93
68	BJR036	harz.	<5	<2	<2	1930	2100	5.0	117

Appendix 26 Chemical analyses of geochemical rock samples in area B and B-1

69	BJR037	harz.	5	30	<2	1710	1800	4.8	96
70	BJR038	harz.	<5	<2	<2	1770	1700	4.3	85
71	BJR039	dunite	<5	<2	<2	1840	1400	4.5	84
72	BKR001	pxnite.	<5	<2	<2	170	<100	1.7	75
73	BKR004	dunite	<5	<2	<2	380	<100	2.8	23
74	BKR005	harz.	<5	4	<2	1770	2300	4.7	85
75	BKR006	dunite	<5	6	<2	2000	1800	4.3	81
76	BKR007	harz.	<5	<2	<2	1800	1600	4.3	86
77	BKR010	harz.	<5	<2	<2	1800	2200	4.6	91
78	BKR011	dunite	<5	<2	<2	1900	2400	4.4	92
79	BKR013	dunite	<5	<2	<2	2200	2000	4.7	98
80	BKR014	harz.	<5	<2	<2	2200	1700	4.9	111
81	BKR016	harz.	<5	<2	<2	260	1600	1.6	40
82	BKR017	harz.	<5	4	<2	2100	3200	4.7	101
83	BKR018	harz.	<5	<2	<2	2200	2100	4.9	100
84	BKR019	harz.	<5	<2	<2	2000	2800	5.2	98
85	BKR020	basalt	<5	2	<2	24	120	3.7	27
86	BKR022	basalt	<5	<2	<2	38	140	3.8	30
87	BLR001	harz.	<5	<2	<2	2200	1700	5.1	112
88	BLR002	troct.	<5	<2	<2	250	160	1.3	65
89	BLR005	dunite	<5	<2	<2	1800	4100	6.0	142
90	BLR006	harz.	<5	16	<2	1200	1800	6.4	117
91	BLR009	f.gb	<5	<2	<2	32	130	3.1	36
92	BLR010	harz.	<5	<2	<2	1800	2200	4.3	97
93	BLR013	f.gb.	<5	6	<2	340	140	4.5	33
94	BLR016	harz.	<5	<2	<2				
95	BLR017	pxnite.	<2	4	<2	130	1800	1.2	37
96	BLR018	dunite	<5	2	<2	1900	2200	4.3	91
97	BLR020	harz.	<5	2	<2	2100	2400	4.6	96
98	BLR021	dunite	65	2	<2	1400	28000	5.4	107
99	BLR023	basalt	<5	<2	<2	53	160	5.3	57
100	BMR002	harz.	<5	<2	<2	2000	2300	4.8	106
101	BMR003	harz.	<5	2	<2	2000	2500	4.4	92
102	BMR007	harz.	<5	<2	<2	2100	2100	4.7	101
103	BMR009	harz.	<5	<2	<2	1700	2000	4.2	96
104	BMR010	harz.	<5	<2	<2	1800	2000	4.1	88
105	BMR011	dolerite	<5	<2	<2	58	120	4.4	44
106	BMR013	dolerite	<5	<2	<2	35	120	4.1	55
107	BNR002	harz.	<5	<2	<2	2000	1800	4.3	94
108	BNR003	harz.	<5	32	<2	90	220	2.2	48
109	BNR004	harz.	<5	10	<2	1800	1400	4.3	93
110	BNR008	harz.	<5	2	<2	1800	1500	4.5	94
111	BNR009	harz.	<5	<2	<2	36	140	5.4	44
112	BNR010	harz.	<5	<2	<2	1900	2300	4.9	98
113	BNR011	basalt	<5	<2	<2	32	130	5.1	33
114	BNR012	basalt	<5	<2	<2	69	130	3.9	53
115	BNR014	basalt	<5	<2	<2	55	<100	4.2	47
116	BNR015	basalt	<5	2	<2	53	120	4.3	49
117	BNR016	basalt	<5	2	<2	56	100	4.6	60
118	BPR002	harz.	<5	2	<2	2000	2300	4.2	89
119	BPR004	harz.	<5	6	<2	1000	1000	3.4	70
120	BPR005	webst.	<5	24	2	140	1100	1.5	28
121	BPR006	harz.	<5	4	<2	2900	2300	4.3	90
122	BPR007	serp.	<5	2	<2	2000	2500	4.1	89
123	BPR008	dunite	<5	4	<2	3000	1700	4.9	106
124	BPR011	dunite	<5	4	<2	4200	2500	5.2	118
125	BPR012	harz.	<5	<2	<2	2100	2100	4.3	90
126	BPR015	troct.	5	38	<2	320	130	1.3	42
127	BPR017	harz.	<5	<2	<2	2100	2000	4.2	93
128	BPR019	amphibolite	5	16	<2	150	140	1.1	35
129	BPR020	harz.	<5	<2	<2	2000	2300	4.2	91
130	BPR021	dunite	20	8	<2	1000	7000	6.5	113
131	BPR024	ol.webst.	80	106	18	1070	190	8.6	167
132	BPR025	dunite	10	<2	2	1200	5500	6.5	116
133	BPR026	ol.webst.	15	30	4	360	2900	4.4	84
134	BPR027	dunite	10	<5	<2	1300	1700	4.8	105
135	BPR031	gabbro	<5	2	4	57	<100	4.2	46
136	BPR032	basalt	<5	<2	2	47	<100	4.3	49
137	BPR034	basic tf.	<5	<2	<2	78	230	3.3	31
138	BPR037	basalt	<5	<2	<2	51	<100	4.5	40
139	BPR038	basalt	<5	4	<2	20	<100	5.5	28
140	BPR039	dolerite	<5	<2	4	27	120	5.4	54
141	BRR004	basalt	<5	<2	<2	15	100	7.5	46

Appendix 26 Chemical analyses of geochemical rock samples in area B and B-1

142	BRR006	gabbro	<5	2	4	28	130	0.53	64
143	BRR008	harz.	15	12	2	630	1200	4.3	71
144	BRR010	basalt	<5	<2	4	54	<100	6.7	39
145	BRR012	gabbro	5	20	<2	65	240	0.61	40
146	BSR002	harz.	<5	<2	<2	2300	1200	5.0	105
147	BSR003	gabbro	<5	<2	<2	34	100	3.8	46
148	BSR004	dolerite	<5	<2	2	53	100	3.4	33
149	BSR006	harz.	<5	<2	<2	2000	1900	4.5	93
150	BSR007	harz.	<5	<2	<2	2300	1400	4.6	105
151	BSR008	harz.	<5	<2	<2	2100	1200	4.6	95
152	BSR009	dolerite	<5	<2	<2	63	100	4.1	42
153	BSR010	f.gb.	<5	<2	2	52	110	3.9	48
154	BSR011	f.gb.	<5	<2	2	61	150	1.0	56
155	BSR014	basalt	<5	4	<2	54	<100	4.2	63
156	BTR002	dunite	<5	<2	<2	58	120	4.6	60
157	BTR004	harz.	<5	<2	<2	2200	2300	4.9	104
158	BTR005	harz.	<5	6	<2	150	460	2.0	46
159	BTR007	basalt	<5	2	<2	24	<100	5.2	35
160	BVR002	dunite	<5	<2	<2	2000	2000	4.4	94
161	BVR003	harz.	<5	4	<2	2300	1800	4.9	101
162	BVR007	harz.	<5	<2	<2	2000	1400	4.3	89
163	BVR008	harz.	<5	<2	<2	2100	2100	4.4	93
164	BVR013	basalt	<5	4	<2	73	100	3.2	51
165	BVR014	basalt	<5	<2	<2	42	<100	4.2	42
166	BVR015	basalt	<5	<2	<2	69	110	3.3	45
167	BVR017	troct.	10	26	2	1500	3500	5.1	104
168	BVR018	gabbro	<5	<2	<2	1400	1700	7.1	106
169	BVR019	ho.web.	<5	6	<2	1200	1100	6.2	101
170	BVR021	basalt	<5	12	<2	42	<100	2.1	44

Area B-1

No.	Sample No.	Rock type	Pt (ppb)	Pd (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
1	RH-01	dunite	<5	<2	<2	2670	1100	4.8	92
2	RH-02	dunite	<5	<2	<2	2130	9000	4.4	73
3	RH-04	dunite	<5	2	<2	2030	20000	4.2	97
4	RH-05	harz.	<5	<2	<2	3910	2000	5.4	78
5	RJ-01	troct.	15	36	<2	1620	400	5.6	122
6	RJ-03	gabbro	<5	30	<2	1030	<100	4.4	75
7	RJ-05	dunite	<5	4	<2	2210	1200	4.8	89
8	RJ-06	dunite	<5	6	<2	1950	1200	4.4	66
9	RJ-07	dunite	<5	2	<2	1770	<100	4.5	140
10	RJ-08	dunite	<5	<2	<2	2340	<100	4.5	77
11	RJ-09	dunite	10	6	<2	2120	66000	3.7	98
12	RJ-10	dunite	<5	<2	<2	2870	800	4.5	41
13	RJ-11	dunite	<5	<2	<2	3040	14000	4.4	72
14	RJ-12	dunite	5	2	<2	1340	136000	1.9	78
15	RJ-13	dunite	<5	<2	<2	2470	900	4.7	74
16	RJ-14	dunite	<5	<2	<2	1900	1000	4.4	56
17	RJ-15	chromitite	5	2	<2	2620	142000	2.0	25
18	RJ-16	dunite	<5	2	<2	2980	400	4.3	75
19	RK-11	norite	<5	<2	<2	50	400	1.5	80
20	RK-15	ol.gb.	5	32	<2	2460	300	5.5	118
21	RK-20	dunite	<5	<2	<2	2530	2000	5.5	122
22	RK-21	dunite	<5	4	2	2800	7400	5.0	106
23	RK-22	dunite	<5	<2	<2	3610	10000	5.5	88
24	RK-23	harz.	<5	<2	<2	2730	1500	4.1	105
25	RK-27	amphibolite	<5	2	<2	1400	1900	1.6	68
26	RK-28	lherz.	<5	4	<2	2850	1700	4.3	90
27	RK-29	lherz.	<5	<2	<2	2590	1700	4.2	101
28	RK-30	lherz.	<5	<2	<2	2750	2000	3.9	82
29	RK-31	dunite	<5	<2	<2	1810	3300	4.5	87
30	RK-32	dunite	<5	<2	<2	2640	2500	5.7	103
31	RK-33	lherz.	5	<2	<2	2800	1300	4.5	100
32	RK-34	harz.	15	20	<2	2630	2100	4.3	108
33	RK-35	harz.	<5	<2	<2	2640	1800	4.2	82
34	RK-37	dunite	<5	<2	<2	2400	2000	4.2	81
35	RK-38	harz.	20	12	<2	2550	1600	5.0	94
36	RK-39	lherz.	<5	<2	<2	2750	2200	4.2	86
37	RK-40	harz.	<5	<2	<2	1760	2400	4.6	79
38	RK-41	harz.	<5	<2	<2	2560	2600	4.3	81

Appendix 26 Chemical analyses of geochemical rock samples in area B and B-1

39	RK-42	harz.	<5	2	<2	2570	1700	4.4	81
40	RK-43	harz.	<5	<2	<2	2530	2000	4.2	73
41	RK-44	harz.	10	6	<2	2660	2000	4.1	85
42	RK-45	dolerite	<5	<2	<2	59	<100	2.7	39
43	RK-46	harz.	<5	<2	<2	2800	2100	4.3	84
44	RK-47	webst.	40	4	2	240	2000	0.45	26
45	RK-49	chromitite	25	18	<2	1640	111000	0.24	67
46	RK-50	chromitite	870	3200	520	12700	108000	1.5	209
47	RK-54	dunite	20	50	5	9600	6700	5.4	107
48	RK-55	dunite	10	14	<2	27000	5900	5.6	119
49	RK-56	dunite	5	6	<2	3300	6100	5.3	101
50	RK-57	dunite	5	4	2	27000	7500	5.7	116
51	RK-58	dunite	5	4	<2	39000	10000	5.4	105
52	RK-59	gabbro	10	10	4	890	1200	1.0	59
53	RK-60	dunite	<5	2	<2	26000	6300	5.0	115
54	RK-61	dunite	<5	2	<2	10400	5000	4.7	101
55	RK-62	dunite	10	4	<2	15300	3100	6.1	119
56	RK-63	dunite	<5	<2	<2	6400	7000	5.3	109
57	RK-64	dunite	<5	<2	<2	33000	4900	5.5	120
58	RK-65	dunite	<5	2	<2	12700	6000	7.2	160
59	RK-66	dunite	5	4	<2	5500	5100	5.9	131
60	RL-03	dunite	<5	<2	<2	3260	4200	4.9	97
61	RL-04	dunite	5	4	<2	2620	3400	5.0	103
62	RL-05	dunite	5	<2	<2	2590	3900	5.1	103
63	RL-06	dunite	20	4	<2	9200	6400	5.4	100
64	RL-07	lherz.	30	24	<2	1570	6100	2.0	44
65	RL-10	harz.	5	<2	<2	3300	2500	4.6	87
66	RL-11	harz.	<5	<2	<2	2900	2200	4.3	101
67	RL-12	chromitite	<5	2	<2	5000	192000	2.9	64
68	RL-13	harz.	<5	<2	<2	4010	2100	4.6	94
69	RL-14	harz.	<5	<2	<2	2700	5400	5.6	94
70	RL-16	harz.	<5	<2	<2	3050	1700	4.4	95
71	RL-17	harz.	<5	<2	<2	2790	3100	4.6	92
72	RL-18	dunite	<5	<2	<2	1930	1400	6.4	137
73	RL-19	lherz.	10	<2	4	2680	1800	4.4	88
74	RL-20	dunite	5	<2	4	2170	2100	6.3	121
75	RL-23	troct.	5	<2	<2	680	300	2.7	47
76	RL-24	dunite	<5	<2	<2	2860	4500	4.9	79
77	RL-25	dunite	<5	<2	<2	2690	4100	5.3	98
78	RL-26	dunite	<5	<2	<2	3090	5200	5.8	114
79	RL-27	dunite	<5	<2	8	5300	7500	5.4	96
80	RL-28	dunite	5	<2	<2	3140	4700	5.0	99
81	RL-29	lherz.	<5	<2	<2	3010	2400	4.9	74
82	RL-30	dunite	<5	<2	2	3580	16000	5.1	93

Appendix 27 Chemical analyses of geochemical soil samples in basalt area of area B

No.	Sample No.	Cu (ppm)	Pb (ppm)	Zn (ppm)	Au (ppb)	Ag (ppm)	As (ppm)	Sb (ppm)	Hg (ppb)
1	BC012	26	<10	54	6	<0.2	1	<0.2	60
2	BC014	33	<10	77	<12	<0.2	1	<0.2	70
3	BC016	32	<10	55	<2	<0.2	<1	<0.2	60
4	BC018	31	<10	61	<2	<0.2	<1	<0.2	70
5	BC020	39	<10	94	<2	<0.2	<1	<0.2	80
6	BC022	36	<10	91	<24	<0.2	<1	n.s.s.	n.s.s.
7	BF003	81	<10	83	<4	<0.2	1	<0.2	70
8	BF004	32	<10	97	<4	<0.2	<1	n.s.s.	100
9	BF006	60	<10	56	8	<0.2	<1	<0.2	90
10	BF007	48	<10	41	<4	<0.2	1	<0.2	60
11	BF011	42	<10	90	<2	<0.2	1	n.s.s.	n.s.s.
12	BF018	29	<10	49	4	<0.2	<1	<0.2	40
13	BF022	48	<10	47	<2	<0.2	1	<0.2	40
14	BG070	56	12	71	6	<0.2	3	0.2	40
15	BG072	51	<10	81	<2	<0.2	2	<0.2	50
16	BG074	51	<10	80	<2	<0.2	2	<0.2	60
17	BG076	63	17	73	2	<0.2	2	0.2	40
18	BG077	40	<10	69	<2	<0.2	2	0.2	30
19	BG079	41	<10	80	<2	<0.2	2	0.2	50
20	BG081	41	<10	71	<2	<0.2	2	<0.2	40
21	BH086	24	<10	47	<2	<0.2	2	<0.2	30
22	BH087	22	<10	46	<2	<0.2	2	<0.2	20
23	BH089	36	<10	64	<2	<0.2	2	<0.2	30
24	BH090	31	<10	63	<2	<0.2	2	<0.2	30
25	BH092	43	<10	87	2	<0.2	1	<0.2	50
26	BH095	70	11	82	2	<0.2	3	<0.2	40
27	BH096	65	<10	84	<2	<0.2	2	<0.2	40
28	BJ066	49	<10	69	2	<0.2	2	<0.2	50
29	BJ067	61	14	78	4	<0.2	3	<0.2	40
30	BJ070	63	<10	82	<2	<0.2	3	<0.2	30
31	BJ071	55	<10	73	<2	<0.2	3	<0.2	80
32	BJ073	41	<10	68	<2	<0.2	3	<0.2	30
33	BJ075	44	10	75	<2	<0.2	3	<0.2	570
34	BJ077	60	12	73	<2	<0.2	4	<0.2	80
35	BK067	68	<10	82	<2	<0.2	1	<0.2	40
36	BK069	62	<10	73	<2	<0.2	1	<0.2	40
37	BK071	72	<10	82	<2	<0.2	1	<0.2	40
38	BK072	67	<10	75	<2	<0.2	1	<0.2	40
39	BK074	71	<10	76	<2	<0.2	1	<0.2	40
40	BK076	80	<10	71	<2	<0.2	1	<0.2	40
41	BK078	69	<10	48	<2	<0.2	1	<0.2	40
42	BK080	66	<10	43	<2	<0.2	1	<0.2	40
43	BK082	57	<10	53	<2	<0.2	1	<0.2	50
44	BK084	63	<10	36	<2	<0.2	1	<0.2	50
45	BK086	55	<10	76	<2	<0.2	1	<0.2	60
46	BK088	68	<10	67	<2	<0.2	1	<0.2	40
47	BK090	66	<10	64	<2	<0.2	1	<0.2	40
48	BK093	32	<10	50	<2	<0.2	1	<0.2	40
49	BK094	62	<10	40	<2	<0.2	1	<0.2	50
50	BK096	77	<10	51	<2	<0.2	1	<0.2	50

Appendix 27 Chemical analyses of geochemical soil samples in basalt area of area B

No.	Sample No.	Cu (ppm)	Pb (ppm)	Zn (ppm)	Au (ppb)	Ag (ppm)	As (ppm)	Sb (ppm)	Hg (ppb)
51	BK097				<2	<0.2	1	<0.2	50
52	BK098	62	<10	37	<2	<0.2	1	<0.2	50
53	BK100	91	<10	34	<2	<0.2	1	<0.2	30
54	BK103	90	<10	33	<2	<0.2	1	<0.2	50
55	BK104	87	<10	42	<2	<0.2	1	<0.2	50
56	BK106	86	<10	37	<2	<0.2	1	<0.2	50
57	BL068	126	<10	330	<2	<0.2	1	<0.2	40
58	BL070	133	<10	115	<2	<0.2	1	<0.2	60
59	BL072	300	<10	120	<2	<0.2	<1	<0.2	60
60	BL074	108	<10	86	<2	<0.2	<1	<0.2	40
61	BL076	39	<10	86	<2	<0.2	<1	<0.2	60
62	BL077	59	<10	76	4	<0.2	<1	<0.2	60
63	BL079	54	<10	73	<2	<0.2	<1	<0.2	100
64	BL081	50	<10	79	130	<0.2	<1	<0.2	30
65	BL082	57	<10	76	6	<0.2	1	<0.2	60
66	BL083	70	<10	119	2	<0.2	2	<0.2	70
67	BL084	54	<10	52	<2	<0.2	2	<0.2	30
68	BL086	46	<10	72	<2	<0.2	1	<0.2	50
69	BL087	76	<10	93	2	<0.2	1	<0.2	50
70	BL090	70	<10	87	2	<0.2	1	<0.2	60
71	BL092	45	<10	66	<2	<0.2	<1	<0.2	40
72	BL093	72	<10	93	2	<0.2	<1	<0.2	30
73	BL094	57	<10	68	<2	<0.2	1	<0.2	30
74	BL096	39	<10	78	4	<0.2	1	<0.2	40
75	BL098	42	<10	79	<2	<0.2	<1	<0.2	40
76	BL100	39	<10	63	2	<0.2	<1	<0.2	50
77	BL102	50	<10	64	<2	<0.2	<1	<0.2	40
78	BL103	36	<10	78	<2	<0.2	<1	<0.2	40
79	BL107	49	<10	60	<2	<0.2	<1	<0.2	40
80	BN058	45	<10	88	<2	<0.2	<1	<0.2	40
81	BN063	56	<10	86	4	<0.2	<1	n.s.s.	n.s.s.
82	BN067	52	<10	85	10	n.s.s.	n.s.s.	n.s.s.	n.s.s.
83	BP065	70	<10	54	<2	<0.2	<1	<0.2	60
84	BP068	62	<10	47	<2	<0.2	<1	<0.2	50
85	BP071	32	<10	87	4	<0.2	1	n.s.s.	n.s.s.
86	BP072	46	<10	48	<2	<0.2	<1	<0.2	10
87	BR059	76	<10	95	<2	<0.2	<1	<0.2	70
88	BR063	73	<10	43	4	<0.2	<1	<0.2	60
89	BR064	39	<10	60	<4	<0.2	<1	<0.2	80
90	BR068	48	<10	85	<4	<0.2	<1	<0.2	110
91	BS071	82	<10	43	12	<0.2	1	<0.2	80
92	BS072	82	<10	40	<4	<0.2	<1	<0.2	40
93	BS075	68	<10	33	<4	<0.2	1	<0.2	40
94	BS076	80	<10	45	2	<0.2	1	<0.2	40
95	BS079	56	<10	49	2	<0.2	<1	<0.2	60
96	BV065	115	<10	85	<4	<0.2	<1	<0.2	30
97	BV069	92	<10	63	<2	<0.2	<1	<0.2	50
98	BV072	61	<10	47	4	<0.2	<1	n.s.s.	n.s.s.
99	BV086	139	<10	79	<4	<0.2	1	<0.2	90
100	BV088	55	<10	58	6	<0.2	<1	<0.2	40
101	BV089	60	<10	110	<2	<0.2	1	<0.2	80
	min.	22	<10	33	<2	<0.2	<1	<0.2	10
	max.	300	17	330	130	<0.2	4	0.2	570

Note: n.s.s. : Not sufficient sample for analysis
min. : Minimum value
max. : Maximun value

Appendix 28 Microscopic observation of rock thin section in area C

			Primary mineral											Secondary mineral												
No	Sample No.	Rock name	Q	Pl	Hb	Au	Hy	Ol	Cr	Cs	Hr	He	G	Si	At	Se	Tr	Ch	Sr	Ta	Ba	Ca	Ap	Sp	Ze	Mt	Op
1	CMR-003	basaltic lapilli stone		△		△	·																				
2	CMR-005	basalt		◎		○	○											△									○
3	CMR-007	basaltic lapilli stone		△		△	△											·									△
4	CNR-001	basalt		◎		△	○						○														△
5	CNR-004	basalt		○		○	△											△						·			△
6	CNR-009	pyroxene andesite		◎		○	△											○									△
7	CPR-005	pyroxene andesite		◎		○	△	○					○					○									△
8	CPR-006	radiolarian chert	◎								○																○
9	CPR-007	radiolarian chert	◎								○																○
10	CPR-008	serpentinite (harzburgite)					○	◎	△										◎		○						△
11	CPR-013	calcified serpentinite			◎					△																△	△
12	CPR-015	pyroxene andesite		◎		○	△						△					△					·	·			△
13	CSR-001	serpentinite							△										◎							·	·
14	CSR-002	serpentinite (harzburgite)					◎	◎	△										◎	○	◎					△	△
15	CTR-001	basaltic lapilli stone												○								○			○		○
16	CTR-002	serpentinite (harzburgite)			△		○	◎	△										◎		○	○				△	
17	CTR-004	olivine gabbro		◎		◎	○	◎			△								◎		○	○	·				△
18	CTR-005	olivine gabbro		◎		◎	△	◎										△	○				·				△
19	CTR-006	basalt		○		○	△	△					○					△							△		△
20	CVR-001	aphyric baslt		◎		·												△				△					
21	CVR-002	ferruginious rock	△									◎															◎

Abbreviation Q:quartz, Pl:plagioclase, Hb:hornblende, Au:augite, Hy:hypersthene, Ol:olivine, Cr:chromite, Cs:chromespinel, Hr:hercynite He:hematite, G:glass, At:actinolite, Se:sericite, Tr:tremolite, Ch:chlorite, Sr:serpentine, Ta:talc, Ba:bastite, Ca:carbonate mineral, Ap:apatite, Sp:sphene, Ze:zeolite, Mt:magnetite, Op:opaque mineral

Symbols ◎:abundant, ○:common, △:rare, ·:trace

Appendix 29 Results of X-ray diffraction in area C

No	Sample No.	Mineral / Rock name	Pl	Hb	Cpx	Mo	Chl	Chry	Clp
1	CMR-003	basaltic lapillistone	○		△	△			
2	CMR-007	basaltic lapillistone	○		○	△			△
3	CNR-001	basalt	○		△	△			○
4	CNR-009	pyroxene andesite	○		△	△			
5	CPR-005	pyroxene andesite	○		△	○			
6	CPR-008	serpentinite						◎	
7	CSR-001	serpentinite						◎	
8	CTR-002	serpentinite						◎	
9	CTR-004	olivine gabbro	○	△	△	·	△		
10	CTR-005	olivine gabbro	○		△	△		·	
11	CVR-001	aphyric basalt	○		·	·			

Abbreviation Pl;plagioclase, Hb;hornblende, Cpx;clinopyroxene, Mo;montmorillonite
Chl;chlorite, Chr;chrysotile, Clp;clinoptilolite

Symbols ◎;abundant, ○;common, △;rare, ·;trace

Appendix 30 Chemical analyses of geochemical soil samples in area C (1)

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Cu ppm	Pb ppm	Zn ppm	Au ppb	Ag ppm	As ppm	Sb ppm	Hg ppb
1	CM003L	117°55.19'	9°10.49'	S	B	25	BR	59	<10	71	<1	<0.2	2	<0.2	110
2	CM003R	117°55.17'	9°10.53'	S	B	15	BR	63	<10	71	6	<0.2	2	<0.2	10
3	CM004L	117°55.32'	9°10.35'	B	B	20	BR	57	<10	71	<1	<0.2	1	<0.2	30
4	CM004R	117°55.35'	9°10.38'	B	B	20	BR	61	<10	72	<1	<0.2	2	<0.2	50
5	CM005L	117°55.50'	9°10.31'	B	B	15	BR	57	<10	68	2	<0.2	2	<0.2	20
6	CM005R	117°55.53'	9°10.33'	B	B	25	BR	52	<10	91	2	<0.2	2	<0.2	30
7	CM006L	117°55.60'	9°10.25'	B	B	20	BR	57	<10	69	<1	<0.2	1	<0.2	30
8	CM006R	117°55.63'	9°10.21'	B	B	15	BR	60	<10	73	<1	<0.2	2	<0.2	30
9	CM007L	117°55.70'	9°10.25'	B	B	20	BR	55	15	73	<1	<0.2	2	<0.2	30
10	CM007R	117°55.69'	9°10.29'	B	B	25	BR	56	<10	92	2	<0.2	2	<0.2	40
11	CM008L	117°52.04'	9°10.63'	G	B	25	RD	86	<10	102	<1	<0.2	<1	<0.2	10
12	CM008R	117°52.07'	9°10.64'	G	B	25	RD	74	<10	79	<1	<0.2	<1	<0.2	20
13	CM009L	117°51.51'	9°10.56'	G	B	25	RD	86	<10	152	3	<0.2	1	<0.2	10
14	CM009R	117°51.53'	9°10.59'	G	B	25	RD	95	<10	78	2	<0.2	<1	<0.2	10
15	CN001L	117°52.65'	9°10.50'	G	B	30	BR	69	144	85	<1	<0.2	<1	<0.2	80
16	CN001R	117°52.69'	9°10.50'	G	B	20	BR	43	<10	80	6	<0.2	1	<0.2	80
17	CN002L	117°53.02'	9°10.45'	G	B	25	BR	68	119	98	<1	<0.2	1	<0.2	80
18	CN002R	117°53.06'	9°10.44'	G	B	30	BR	54	<10	85	1	<0.2	<1	<0.2	50
19	CN004L	117°52.40'	9°08.85'	G	B	20	BR	40	<10	65	2	<0.2	1	<0.2	50
20	CN004R	117°52.44'	9°08.87'	G	B	25	BR	30	10	51	<1	<0.2	2	<0.2	40
21	CN005L	117°52.46'	9°08.91'	B	B	20	BR	21	12	45	1	<0.2	1	<0.2	80
22	CN005R	117°52.43'	9°08.94'	B	B	20	BR	16	<10	36	2	<0.2	2	<0.2	50
23	CN006L	117°52.45'	9°09.22'	B	B	20	BR	19	18	53	<1	<0.2	4	<0.2	60
24	CN006R	117°52.41'	9°09.21'	B	B	20	BR	14	16	29	<1	<0.2	3	<0.2	50
25	CN008L	117°52.67'	9°09.11'	S	B	20	BR	40	20	45	3	<0.2	2	<0.2	60
26	CN008R	117°52.65'	9°09.15'	S	B	20	BR	32	14	51	2	<0.2	3	<0.2	60
27	CN009L	117°52.76'	9°09.24'	H	B	20	BR	12	14	33	<1	<0.2	3	<0.2	40
28	CN009R	117°52.72'	9°09.27'	H	B	20	BR	13	10	55	<1	<0.2	8	<0.2	50
29	CN010L	117°52.17'	9°08.78'	B	B	20	BR	12	<10	28	<1	<0.2	2	<0.2	60
30	CN010R	117°52.19'	9°08.74'	B	B	20	BR	15	<10	31	<1	<0.2	1	<0.2	60
31	CN011L	117°52.18'	9°08.91'	S	B	20	BR	37	<10	65	3	<0.2	1	<0.2	50
32	CN011R	117°52.21'	9°08.94'	S	B	20	BR	34	<10	60	<1	<0.2	2	<0.2	40
33	CN012L	117°57.17'	9°10.08'	H	B	20	BR	34	13	60	<1	<0.2	2	<0.2	30
34	CN012R	117°57.23'	9°10.08'	H	B	20	BR	35	20	67	<1	<0.2	2	<0.2	30
35	CN013L	117°57.30'	9°09.85'	B	B	20	BR	57	<10	93	<1	<0.2	2	<0.2	40
36	CN013R	117°57.31'	9°09.90'	B	B	20	BR	31	10	70	<1	<0.2	2	<0.2	60
37	CN014L	117°57.40'	9°09.91'	B	B	20	BR	51	70	101	<1	<0.2	1	<0.2	40
38	CN014R	117°57.36'	9°09.92'	B	B	20	BR	42	18	60	<1	<0.2	3	<0.2	60
39	CN016L	117°57.33'	9°09.78'	B	B	20	BR	62	<10	110	1	<0.2	1	<0.2	60
40	CN016R	117°57.36'	9°09.75'	B	B	20	BR	62	10	101	2	<0.2	2	<0.2	40
41	CN017L	117°57.14'	9°09.27'	B	B	20	BR	44	14	109	4	<0.2	2	<0.2	50
42	CN017R	117°57.17'	9°09.25'	B	B	20	BR	70	<10	92	1	<0.2	3	<0.2	60
43	CN018L	117°57.30'	9°09.02'	B	B	20	BR	35	<10	92	2	<0.2	1	<0.2	70
44	CN018R	117°57.34'	9°09.03'	B	B	20	BR	36	<10	93	<1	<0.2	1	<0.2	80
45	CN019L	117°57.10'	9°10.29'	H	B	20	BR	27	11	51	<1	<0.2	2	<0.2	40
46	CN019R	117°57.15'	9°10.28'	H	B	20	BR	30	14	59	<1	<0.2	2	<0.2	40
47	CP001L	117°54.17'	9°10.57'	B	B	10	RD	58	<10	110	<1	<0.2	1	<0.2	60
48	CP001R	117°54.21'	9°10.56'	B	B	10	RD	61	<10	111	2	<0.2	1	<0.2	70
49	CP002L	117°54.07'	9°10.28'	B	B	10	RD	56	<10	105	<1	<0.2	1	<0.2	70
50	CP002R	117°54.10'	9°10.28'	B	B	10	RD	60	<10	106	1	<0.2	1	<0.2	60
51	CP003L	117°53.54'	9°10.34'	G	B	10	BR	52	<10	102	<1	<0.2	1	<0.2	80
52	CP003R	117°53.57'	9°10.32'	G	B	10	BR	58	<10	84	<1	<0.2	1	<0.2	60
53	CP006L	117°55.58'	9°10.12'	B	B	10	RD	57	<10	71	<1	<0.2	1	<0.2	40
54	CP006R	117°55.61'	9°10.13'	B	B	10	RD	59	<10	78	1	<0.2	2	<0.2	40
55	CP007L	117°55.74'	9°09.82'	S	B	10	RD	51	<10	75	<1	<0.2	1	<0.2	40
56	CP007R	117°55.74'	9°09.87'	S	B	10	RD	52	<10	75	<1	<0.2	3	<0.2	40
57	CP008L	117°55.63'	9°09.89'	S	B	10	RD	53	<10	73	<1	<0.2	1	<0.2	80
58	CP008R	117°55.66'	9°09.91'	S	B	10	RD	56	<10	68	1	<0.2	1	<0.2	30
59	CP009L	117°55.36'	9°09.74'	B	B	10	RD	20	<10	54	<1	<0.2	1	<0.2	40
60	CP009R	117°55.33'	9°09.71'	B	B	10	RD	49	53	71	<1	<0.2	3	<0.2	60
61	CP011L	117°55.51'	9°09.64'	B	B	10	RD	66	<10	68	<1	<0.2	1	<0.2	70
62	CP011R	117°55.49'	9°09.61'	B	B	10	RD	79	<10	67	1	<0.2	2	<0.2	130
63	CP012L	117°55.52'	9°09.57'	S	B	10	RD	200	14	115	<1	<0.2	2	<0.2	70
64	CP012R	117°55.56'	9°09.56'	S	B	10	RD	61	<10	67	<1	<0.2	1	<0.2	30
65	CP013L	117°57.18'	9°09.88'	B	B	10	RD	53	<10	88	<1	<0.2	1	0.8	50
66	CP013R	117°57.21'	9°09.85'	B	B	10	RD	129	<10	148	1	<0.2	1	<0.2	60
67	CP014L	117°57.19'	9°09.96'	H	B	10	RD	50	<10	86	2	<0.2	1	0.6	70
68	CP014R	117°57.24'	9°09.98'	H	B	10	RD	32	10	62	<1	<0.2	2	0.6	50
69	CP017L	117°57.13'	9°09.44'	B	B	10	RD	58	<10	72	<1	<0.2	2	0.8	40
70	CP017R	117°57.18'	9°09.44'	B	B	10	BR	46	<10	91	<1	<0.2	1	0.6	70

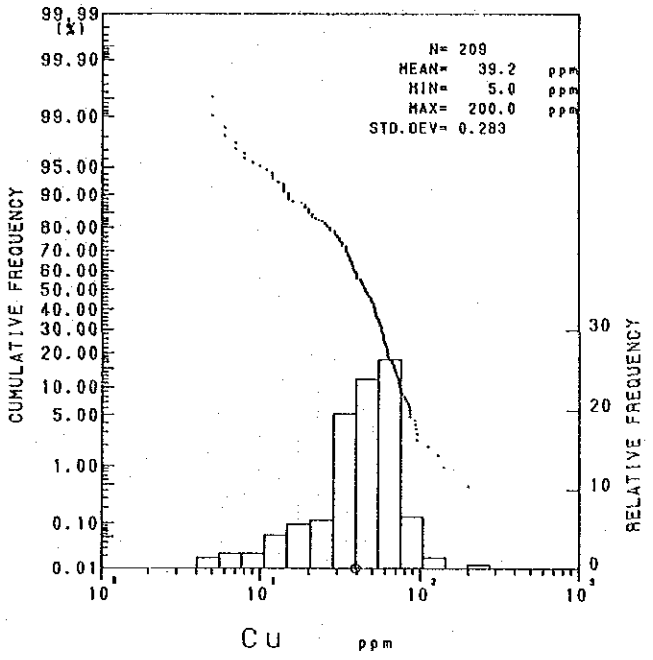
Appendix 30 Chemical analyses of geochemical soil samples in area C (2)

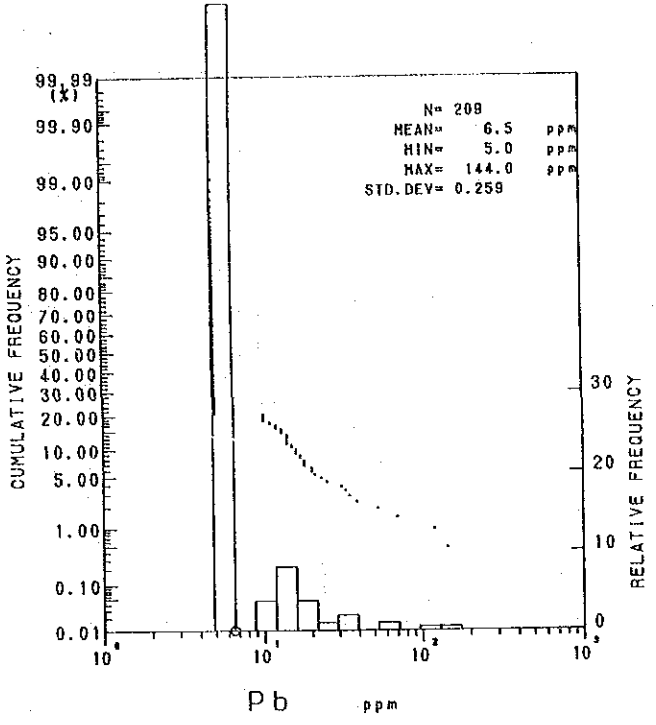
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Cu ppm	Pb ppm	Zn ppm	Au ppb	Ag ppm	As ppm	Sb ppm	Hg ppb
71	CP018L	117°57.13'	9°09.35'	B	B	10	RD	40	<10	89	1	<0.2	1	0.6	70
72	CP018R	117°57.13'	9°09.31'	B	B	10	RD	40	13	87	<1	<0.2	1	0.6	70
73	CP019L	117°57.16'	9°09.32'	B	B	10	RD	53	11	89	3	<0.2	2	0.6	50
74	CP019R	117°57.19'	9°09.33'	B	B	10	RD	42	<10	89	<1	<0.2	1	0.6	80
75	CP021L	117°56.95'	9°09.35'	B	B	10	RD	46	<10	101	<1	<0.2	1	0.4	100
76	CR001L	117°53.39'	9°08.44'	H	B	15	BR	20	<10	88	<1	<0.2	1	0.2	80
77	CR001R	117°53.43'	9°08.44'	H	B	15	BR	66	<10	107	<1	<0.2	1	0.6	100
78	CR002L	117°53.36'	9°08.28'	H	B	15	BR	34	<10	59	<1	<0.2	1	0.4	30
79	CR002R	117°53.40'	9°08.27'	H	B	15	BR	38	<10	64	2	<0.2	1	0.4	30
80	CR003L	117°53.58'	9°08.22'	H	B	15	BR	6	<10	30	<1	<0.2	1	0.2	70
81	CR003R	117°53.61'	9°08.24'	H	B	15	BR	7	<10	66	<1	<0.2	1	0.4	60
82	CR004L	117°53.65'	9°08.02'	H	B	15	BR	5	<10	70	<1	<0.2	1	0.2	90
83	CR004R	117°53.68'	9°08.00'	H	B	15	BR	5	<10	72	<1	<0.2	2	0.2	100
84	CR005L	117°53.63'	9°08.33'	H	B	15	BR	5	<10	36	<1	<0.2	1	0.2	40
85	CR005R	117°53.59'	9°08.38'	H	B	15	BR	31	<10	64	1	<0.2	1	0.2	50
86	CR006L	117°54.67'	9°08.25'	H	B	15	RD	9	<10	48	2	<0.2	1	0.2	60
87	CR006R	117°54.67'	9°08.29'	H	B	15	RD	22	<10	55	2	<0.2	1	0.4	80
88	CR007L	117°55.14'	9°08.12'	H	B	15	RD	8	<10	60	3	<0.2	1	0.2	80
89	CR008L	117°54.57'	9°07.97'	H	B	15	BR	27	<10	53	4	<0.2	1	0.2	100
90	CR008R	117°54.61'	9°08.00'	H	B	15	BR	36	23	88	<1	<0.2	1	0.2	110
91	CR009R	117°54.69'	9°07.89'	H	B	15	RD	44	<10	71	<1	<0.2	1	0.4	70
92	CR010L	117°54.92'	9°07.72'	H	B	15	RD	26	<10	43	<1	<0.2	1	0.4	60
93	CR010R	117°54.94'	9°07.75'	H	B	15	RD	12	<10	36	1	<0.2	<1	0.2	90
94	CR011L	117°54.62'	9°07.78'	H	B	15	BR	40	15	53	<1	<0.2	2	0.6	120
95	CR011R	117°54.64'	9°07.80'	H	B	15	BR	21	<10	58	<1	<0.2	1	0.4	60
96	CR012L	117°54.51'	9°07.81'	H	B	15	RD	19	<10	64	<1	<0.2	1	0.4	80
97	CR012R	117°54.54'	9°07.78'	H	B	15	BR	39	31	61	<1	<0.2	1	0.4	120
98	CR013L	117°54.55'	9°07.66'	H	B	15	RD	38	35	114	<1	<0.2	1	0.2	60
99	CR014L	117°54.37'	9°07.72'	H	B	15	RD	25	10	40	<1	<0.2	1	0.2	70
100	CR014R	117°54.35'	9°07.69'	H	B	15	RD	55	18	108	3	<0.2	1	0.4	70
101	CR015L	117°54.46'	9°07.53'	H	B	15	RD	37	12	58	<1	<0.2	2	0.6	50
102	CR015R	117°54.49'	9°07.55'	H	B	15	RD	32	<10	46	<1	<0.2	2	0.4	60
103	CS001L	117°52.44'	9°09.82'	B	B	15	BR	112	<10	55	1	<0.2	1	0.2	70
104	CS001R	117°52.42'	9°09.86'	B	B	15	BR	73	<10	49	2	<0.2	1	0.4	50
105	CS002L	117°52.61'	9°09.81'	B	B	15	BR	70	<10	81	2	<0.2	1	0.4	70
106	CS002R	117°52.64'	9°09.83'	B	B	15	BR	72	<10	143	<1	<0.2	1	0.4	70
107	CS003L	117°52.39'	9°09.93'	B	B	15	BR	62	13	85	<1	<0.2	3	0.2	70
108	CS003R	117°52.37'	9°09.96'	B	B	15	BR	53	<10	48	<1	<0.2	1	0.2	40
109	CS004L	117°52.77'	9°08.80'	S	B	15	BR	46	<10	64	<1	<0.2	2	0.4	60
110	CS004R	117°52.74'	9°08.83'	S	B	15	BR	43	<10	56	<1	<0.2	1	0.2	50
111	CS005L	117°52.93'	9°08.94'	S	B	20	BR	38	17	68	1	<0.2	3	0.6	50
112	CS005R	117°52.88'	9°08.94'	S	B	20	BR	40	16	66	<1	<0.2	3	0.4	60
113	CS006L	117°53.11'	9°09.20'	D	B	15	BR	35	<10	52	2	<0.2	2	0.4	50
114	CS006R	117°53.09'	9°09.24'	D	B	15	BR	34	<10	57	1	<0.2	3	0.4	60
115	CS007L	117°52.71'	9°08.60'	S	B	20	BR	36	14	65	<1	<0.2	2	0.2	60
116	CS007R	117°52.74'	9°08.56'	S	B	15	BR	36	16	55	1	<0.2	2	0.4	50
117	CS008L	117°52.61'	9°08.43'	B	B	20	BR	38	<10	59	<1	<0.2	2	0.2	30
118	CS008R	117°52.65'	9°08.41'	B	B	15	BR	38	<10	61	<1	<0.2	2	0.2	40
119	CS009L	117°54.15'	9°08.56'	H	B	15	BR	23	<10	78	<1	<0.2	1	<0.2	100
120	CS009R	117°54.12'	9°08.58'	H	B	15	BR	19	<10	80	<1	<0.2	1	<0.2	70
121	CS010L	117°54.23'	9°08.69'	H	B	15	BR	29	<10	83	3	<0.2	1	<0.2	90
122	CS010R	117°54.20'	9°08.72'	H	B	20	BR	21	<10	78	<1	<0.2	1	<0.2	60
123	CS011L	117°54.30'	9°08.78'	H	B	15	BR	29	<10	80	<1	<0.2	1	<0.2	80
124	CS011R	117°54.27'	9°08.81'	H	B	15	BR	24	<10	61	<1	<0.2	1	<0.2	60
125	CS012L	117°54.19'	9°08.37'	H	B	15	BR	14	<10	78	1	<0.2	1	<0.2	70
126	CS012R	117°54.23'	9°08.38'	H	B	15	BR	42	<10	81	<1	<0.2	1	<0.2	60
127	CS013L	117°54.37'	9°08.40'	H	B	15	BR	15	<10	54	<1	<0.2	1	<0.2	70
128	CS013R	117°54.42'	9°08.40'	H	B	15	BR	50	<10	64	<1	<0.2	1	<0.2	70
129	CS014L	117°54.39'	9°08.24'	H	B	25	BR	6	<10	49	<1	<0.2	1	<0.2	90
130	CS014R	117°54.43'	9°08.27'	H	B	25	BR	26	<10	69	<1	<0.2	1	<0.2	100
131	CS015L	117°54.46'	9°08.30'	H	B	25	BR	15	<10	58	<1	<0.2	1	<0.2	70
132	CS015R	117°54.44'	9°08.34'	H	B	25	BR	45	<10	75	<1	<0.2	1	<0.4	60
133	CS016L	117°54.65'	9°08.43'	H	B	15	BR	8	<10	59	1	<0.2	1	<0.2	50
134	CS016R	117°54.66'	9°08.47'	H	B	15	BR	11	<10	58	1	<0.2	1	<0.2	80
135	CS017L	117°54.63'	9°08.55'	H	B	15	BR	34	<10	64	<1	<0.2	1	<0.2	50
136	CS017R	117°54.60'	9°08.54'	H	B	15	BR	18	<10	49	<1	<0.2	1	<0.2	50
137	CS018L	117°54.67'	9°08.55'	H	B	15	BR	38	12	62	1	<0.2	1	0.2	50
138	CS018R	117°54.65'	9°08.59'	H	B	15	BR	27	<10	85	<1	<0.2	1	<0.2	60
139	CT001L	117°54.64'	9°10.58'	S	B	15	BR	43	<10	107	<1	<0.2	1	<0.2	60
140	CT001R	117°54.66'	9°10.61'	S	B	15	BR	47	<10	118	1	<0.2	1	<0.2	60

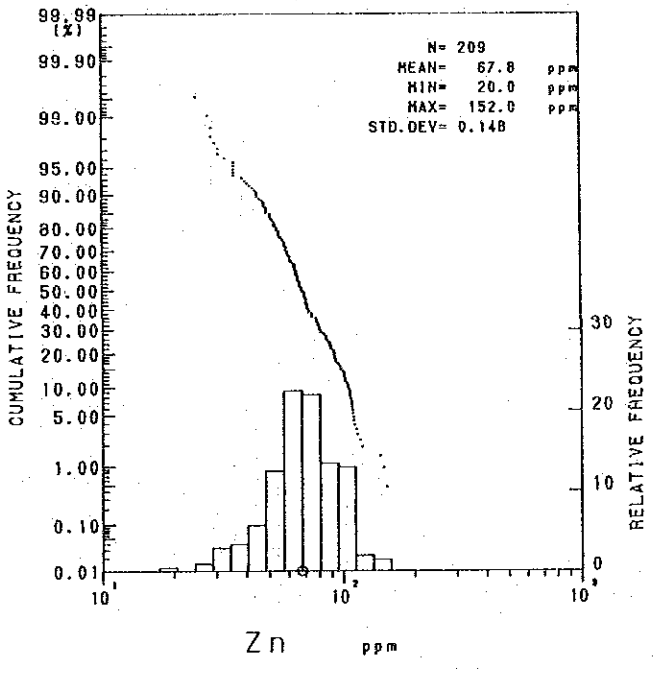
Appendix 30 Chemical analyses of geochemical soil samples in area C (3)

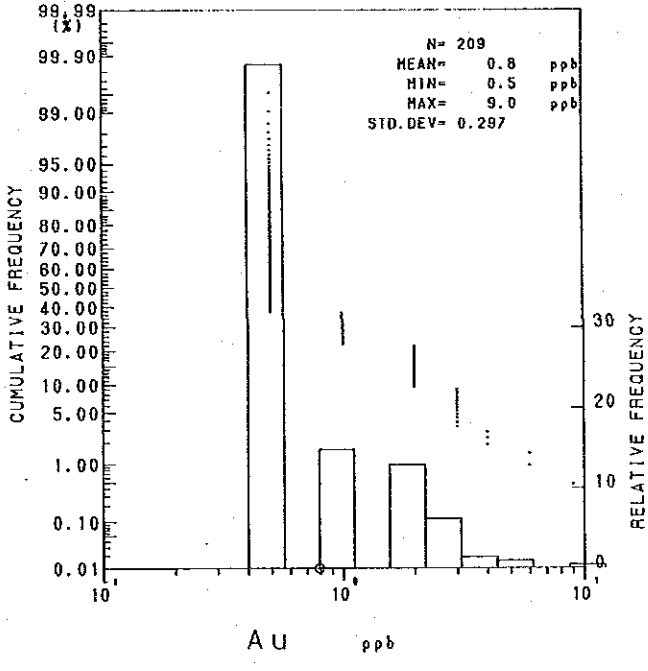
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Cu ppm	Pb ppm	Zn ppm	Au ppb	Ag ppm	As ppm	Sb ppm	Hg ppb
141	CT002L	117°54.46'	9°10.62'	S	B	5	BR	75	<10	92	1	<0.2	<1	<0.2	60
142	CT002R	117°54.51'	9°10.61'	S	B	10	BR	37	<10	79	<1	<0.2	1	<0.2	70
143	CT003L	117°54.51'	9°10.30'	B	B	10	BR	36	<10	105	<1	<0.2	<1	<0.2	110
144	CT003R	117°54.55'	9°10.30'	B	B	10	BR	58	<10	111	<1	<0.2	<1	<0.2	70
145	CT004L	117°54.39'	9°10.04'	B	B	5	BR	52	<10	102	<1	<0.2	<1	<0.2	90
146	CT004R	117°54.42'	9°10.03'	B	B	5	BR	73	21	75	2	<0.2	3	<0.2	70
147	CT005L	117°54.49'	9°09.85'	B	B	5	BR	35	<10	107	<1	<0.2	<1	<0.2	120
148	CT005R	117°54.51'	9°09.89'	B	B	5	BR	51	<10	93	<1	<0.2	<1	<0.2	110
149	CT006L	117°54.36'	9°09.90'	B	B	5	BR	58	<10	100	2	<0.2	<1	<0.2	60
150	CT006R	117°54.39'	9°09.88'	B	B	5	BR	49	<10	108	<1	<0.2	<1	<0.2	80
151	CT007L	117°55.46'	9°09.39'	H	B	5	BR	43	25	55	<1	<0.2	1	<0.2	90
152	CT007R	117°55.50'	9°09.40'	H	B	5	BR	73	<10	66	<1	<0.2	<1	<0.2	70
153	CT008L	117°55.30'	9°09.44'	H	B	5	BR	10	<10	44	<1	<0.2	<1	<0.2	70
154	CT008R	117°55.30'	9°09.40'	H	B	5	BR	45	<10	60	<1	<0.2	1	<0.2	80
155	CT009L	117°54.98'	9°09.50'	H	B	5	GR	14	<10	20	<1	<0.2	<1	<0.2	40
156	CT009R	117°54.98'	9°09.46'	H	B	5	BR	67	17	79	<1	<0.2	2	0.2	80
157	CT010L	117°54.98'	9°09.36'	H	B	5	BR	53	<10	67	<1	<0.2	1	<0.2	100
158	CT010R	117°55.00'	9°09.33'	H	B	5	BR	57	39	72	<1	<0.2	1	<0.2	60
159	CT011L	117°55.40'	9°09.18'	H	B	5	BR	45	<10	67	1	<0.2	2	<0.2	40
160	CT011R	117°55.45'	9°09.16'	H	B	5	BR	39	<10	71	3	<0.2	3	<0.2	40
161	CT012L	117°55.67'	9°09.16'	H	B	5	BR	95	<10	51	3	<0.2	1	<0.2	40
162	CT012R	117°55.69'	9°09.21'	H	B	5	BR	57	<10	65	2	<0.2	1	<0.2	60
163	CT013L	117°55.56'	9°08.89'	H	B	5	BR	49	<10	70	1	<0.2	1	<0.2	70
164	CT013R	117°55.61'	9°08.87'	H	B	5	BR	57	<10	75	<1	<0.2	1	<0.2	60
165	CT014L	117°55.49'	9°08.72'	H	B	5	BR	48	<10	61	<1	<0.2	1	<0.2	70
166	CT014R	117°55.52'	9°08.69'	H	B	5	BR	55	<10	71	<1	<0.2	1	<0.2	60
167	CT015L	117°55.70'	9°08.60'	H	B	5	BR	61	<10	67	<1	<0.2	1	<0.2	50
168	CT015R	117°55.71'	9°08.64'	H	B	5	BR	52	<10	80	3	<0.2	2	<0.2	60
169	CT016L	117°55.73'	9°08.97'	H	B	5	BR	51	<10	73	<1	<0.2	2	<0.2	50
170	CT016R	117°55.74'	9°09.00'	H	B	5	BR	69	<10	72	1	<0.2	1	0.2	70
171	CT017R	117°55.95'	9°08.96'	H	B	5	BR	86	<10	25	2	<0.2	1	<0.2	80
172	CT018L	117°55.90'	9°08.85'	H	B	5	BR	92	<10	29	4	<0.2	1	<0.2	60
173	CT018R	117°55.94'	9°08.86'	H	B	5	BR	74	<10	49	1	<0.2	1	<0.2	80
174	CT019L	117°55.75'	9°08.42'	H	B	5	BR	71	<10	70	1	<0.2	1	<0.2	70
175	CT019R	117°55.79'	9°08.41'	H	B	5	BR	93	<10	36	2	<0.2	1	<0.2	40
176	CT020L	117°55.69'	9°08.31'	H	B	5	BR	58	<10	64	<1	<0.2	1	0.2	70
177	CT020R	117°55.71'	9°08.28'	H	B	5	BR	77	<10	66	3	<0.2	1	<0.2	60
178	CT021R	117°55.93'	9°08.23'	H	B	5	BR	48	<10	41	2	<0.2	1	<0.2	60
179	CT022L	117°55.76'	9°08.19'	H	B	5	BR	68	<10	63	3	<0.2	1	<0.2	30
180	CT022R	117°55.76'	9°08.14'	H	B	5	BR	60	<10	48	2	<0.2	1	<0.2	50
181	CT023L	117°55.83'	9°07.93'	H	B	5	BR	80	<10	31	9	<0.2	1	<0.2	50
182	CT023R	117°55.87'	9°07.91'	H	B	5	BR	54	<10	54	2	<0.2	1	<0.2	50
183	CV001L	117°52.23'	9°09.94'	B	B	30	BR	44	<10	66	<1	<0.2	1	<0.2	40
184	CV001R	117°52.25'	9°09.98'	B	B	30	BR	47	<10	97	<1	<0.2	1	<0.2	80
185	CV002L	117°52.65'	9°09.91'	B	B	20	BR	62	<10	104	<1	<0.2	1	<0.2	80
186	CV002R	117°52.63'	9°09.95'	B	B	20	BR	75	<10	95	<1	<0.2	2	<0.2	60
187	CV003L	117°52.99'	9°08.49'	S	B	30	BR	140	33	121	<1	<0.2	29	1.0	120
188	CV003R	117°53.03'	9°08.46'	S	B	30	BR	31	<10	70	<1	<0.2	3	<0.2	80
189	CV004L	117°53.06'	9°08.21'	S	B	20	BR	45	<10	92	<1	<0.2	2	<0.2	100
190	CV004R	117°53.10'	9°08.24'	S	B	20	BR	63	<10	96	<1	<0.2	3	<0.2	60
191	CV005L	117°53.14'	9°07.90'	B	B	20	BR	85	<10	109	<1	<0.2	3	0.2	60
192	CV005R	117°53.19'	9°07.91'	B	B	20	BR	29	<10	52	1	<0.2	2	<0.2	60
193	CV006L	117°53.14'	9°07.66'	B	B	20	BR	51	<10	81	<1	<0.2	1	<0.2	90
194	CV006R	117°53.18'	9°07.66'	B	B	20	BR	94	<10	70	1	<0.2	3	0.2	40
195	CV007L	117°53.25'	9°07.74'	H	B	20	BR	65	<10	66	1	<0.2	1	<0.2	50
196	CV007R	117°53.28'	9°07.77'	H	B	20	BR	32	<10	57	1	<0.2	1	0.2	80
197	CV008L	117°52.89'	9°08.38'	B	B	20	BR	84	<10	112	<1	<0.2	2	<0.2	90
198	CV008R	117°52.92'	9°08.34'	B	B	20	BR	82	<10	98	<1	<0.2	2	<0.2	90
199	CV009L	117°53.18'	9°08.53'	S	B	30	BR	37	<10	61	<1	<0.2	1	<0.2	40
200	CV009R	117°53.19'	9°08.57'	S	B	30	BR	55	<10	58	<1	<0.2	8	<0.2	40
201	CV010L	117°53.60'	9°08.56'	H	B	20	BR	15	<10	53	<1	<0.2	1	<0.2	60
202	CV010R	117°53.58'	9°08.53'	H	B	20	BR	16	<10	58	<1	<0.2	1	<0.2	0
203	CV011L	117°53.74'	9°08.52'	H	B	30	BR	34	<10	56	<1	<0.2	1	<0.2	40
204	CV011R	117°53.70'	9°08.55'	H	B	30	BR	7	<10	42	<1	<0.2	1	<0.2	30
205	CV012L	117°53.80'	9°08.72'	H	B	20	BR	30	<10	47	2	<0.2	1	<0.2	40
206	CV012R	117°53.77'	9°08.75'	H	B	20	BR	25	<10	45	<1	<0.2	1	<0.2	40
207	CV013L	117°53.73'	9°08.75'	H	B	20	BR	20	<10	36	<1	<0.2	1	<0.2	40
208	CV013R	117°53.69'	9°08.73'	H	B	20	BR	14	<10	39	2	<0.2	1	<0.2	40
209	CV014L	117°53.88'	9°08.38'	H	B	30	BR	39	<10	65	<1	<0.2	2	<0.2	40
210	CV014R	117°53.92'	9°08.39'	H	B	30	BR	49	<10	65	3	<0.2	1	<0.2	30

Geology : D;dunite, H;harzburgite, S;serpentinite, G;gabbro, B;basalt
Color : BL;black, GR;gray, BR;brown, OR;orange, RD;red

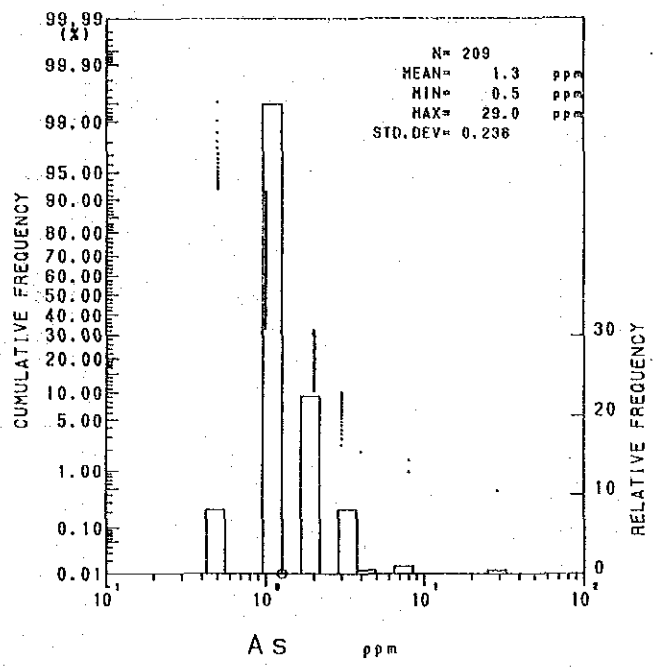


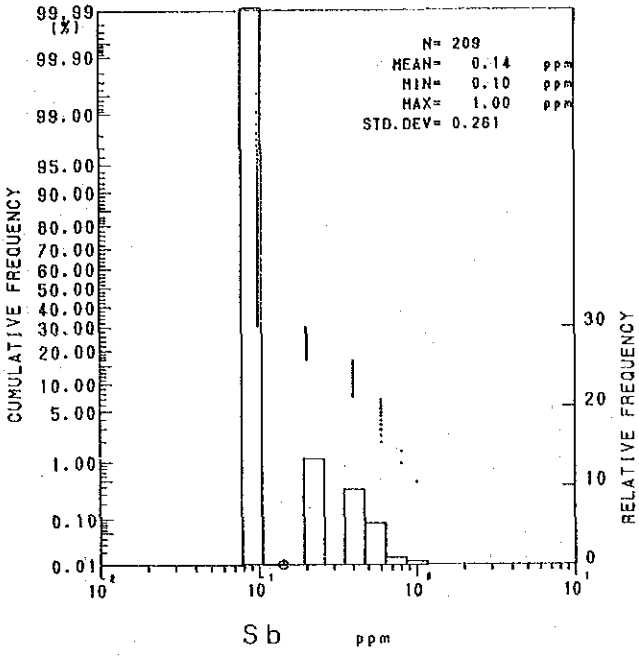


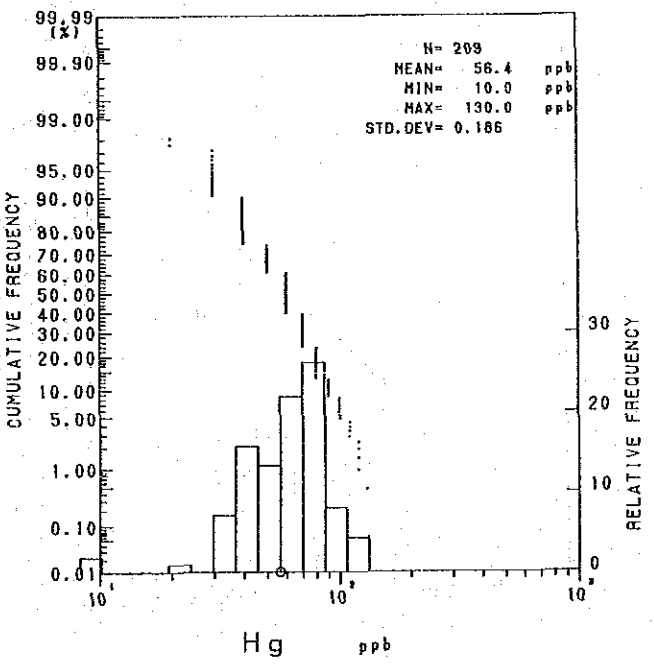




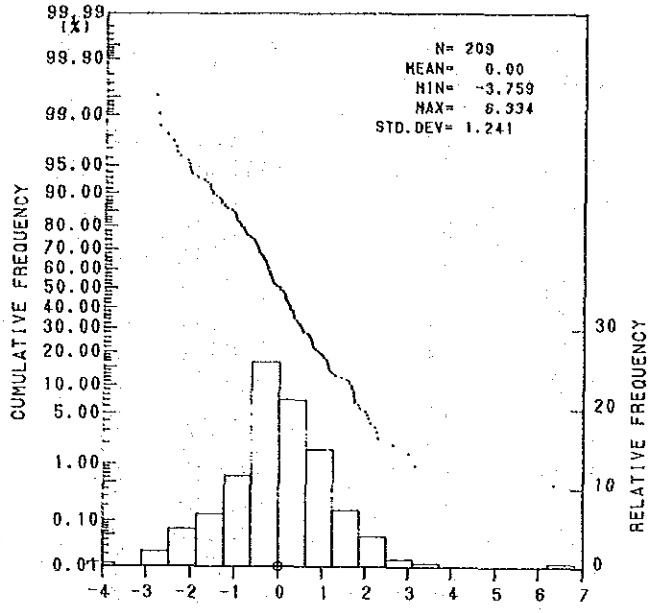
Appendix 31 Cumulative probability plots and histograms of soil samples in area C



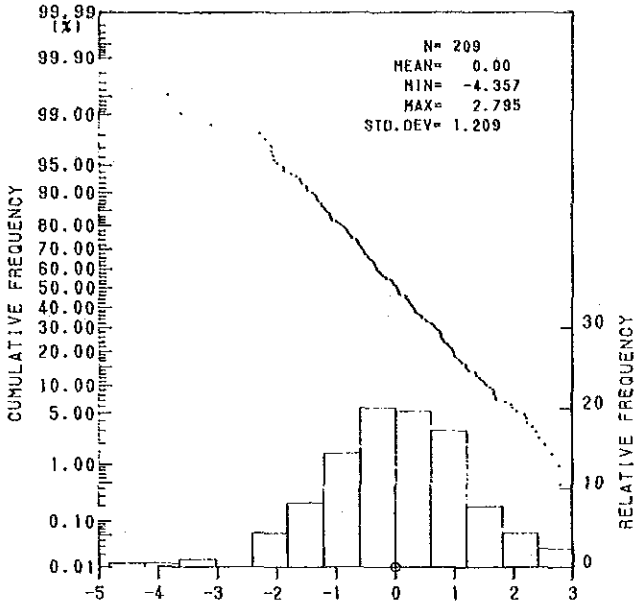




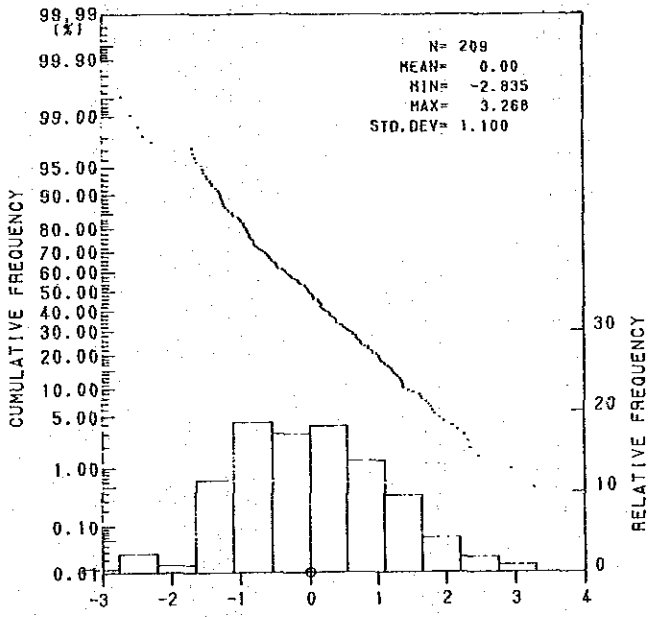
Appendix 31 Cumulative probability plots and histograms of soil samples in area C



Z1



Z2



Z3

Appendix 32 Cumulative probability plots and histograms of scores for principal components analyses of soil samples in area C

Appendix 33 Chemical analyses of heavy mineral in area C

No.	Sample No.	Au (ppb)	Ag (ppm)
1	CM001H	<1	<0.2
2	CM002H	1	<0.2
3	CM004H	<1	<0.2
4	CM006H	2	<0.2
5	CM008H	<1	<0.2
6	CM009H	<1	<0.2
7	CN001H	<1	<0.2
8	CN003H	<1	<0.2
9	CN005H	<1	<0.2
10	CN006H	<1	<0.2
11	CN007H	<1	<0.2
12	CN008H	4	<0.2
13	CP001H	<1	<0.2
14	CP002H	1	<0.2
15	CP003H	4	<0.2
16	CP004H	<1	<0.2
17	CP009H	<1	<0.2
18	CP010H	<1	<0.2
19	CP011H	4	<0.2
20	CP012H	<1	<0.2
21	CP014H	<1	<0.2
22	CR001H	<1	<0.2
23	CR002H	<1	<0.2
24	CR003H	<1	<0.2
25	CR004H	<1	<0.2
26	CR005H	<1	<0.2
27	CR006H	<1	<0.2
28	CS001H	<1	<0.2
29	CS002H	6	<0.2
30	CS003H	<1	<0.2
31	CS004H	<1	<0.2
32	CS005H	<1	<0.2
33	CS006H	<1	<0.2
34	CT001H	<1	<0.2
35	CT002H	<1	<0.2
36	CT003H	<1	<0.2
37	CT004H	<1	<0.2
38	CT005H	<1	<0.2
39	CV001H	<1	<0.2
40	CV002H	<1	<0.2
41	CV003H	<1	<0.2
42	CV004H	<1	<0.2
43	CV005H	<1	<0.2
44	CV006H	<1	<0.2

Appendix 34 Chemical compositions of rock samples (1)

	ACR001	ACR002	ADR001	ADR007	AER001	AER002	AER005	AFR002	AFR003	AFR006
	serp.	serp.	lherz.	lherz.	serp.	lherz.	harz.	dunite	harz.	lherz.
AREA	A	A	A	A	A	A	A	A	A	A
SiO2	32.08	29.77	38.61	37.01	33.66	37.47	37.03	37.32	37.89	34.49
TiO2	0.04	0.08	0.03	0.02	0.01	0.02	<0.01	<0.01	0.01	<0.01
Al2O3	1.40	2.11	0.80	0.53	0.07	0.44	0.05	0.05	0.77	0.19
Fe2O3	8.78	9.62	4.56	2.92	5.32	5.06	3.82	3.67	3.13	3.90
FeO	0.80	0.54	2.24	3.88	2.35	6.58	3.31	3.60	4.00	2.22
MnO	0.13	0.15	0.08	0.09	0.12	0.15	0.10	0.09	0.11	0.07
MgO	29.51	26.49	37.19	43.93	41.57	36.40	44.99	42.24	38.19	41.64
CaO	0.57	0.65	0.38	0.55	0.19	2.95	0.29	0.09	0.94	0.23
Na2O	0.09	0.17	0.09	0.04	<0.01	<0.01	<0.01	<0.01	0.03	0.02
K2O	0.04	0.04	0.05	0.03	0.03	0.04	0.03	0.05	0.03	0.02
P2O5	<0.01	<0.01	0.03	0.04	0.04	0.03	0.02	0.03	0.02	0.02
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	2.63	7.89	0.57	0.29	0.34	0.07	0.31	0.70	0.31	0.41
NiO	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01
LOI	12.17	10.96	13.33	10.99	16.40	9.80	10.15	12.18	12.16	14.49
total	87.37	87.52	97.97	100.33	100.11	99.02	100.12	100.03	97.60	97.71
					Norm					
Q	0.00 *	0.00 *	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	0.17	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
or	0.24	0.24	0.30	0.18	0.18	0.24	0.18	0.27	0.18	0.12
ab	0.76	1.44	0.76	0.34	0.00	0.00	0.00	0.00	0.25	0.17
an	2.83	3.22	1.63	1.18	0.10	1.08	0.05	0.00	1.88	0.37
ne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
di	0.00	0.00	0.05	0.97	0.45	9.73	0.96	0.19	1.99	0.50
hd	0.00	0.00	0.00	0.04	0.00	0.76	0.02	0.00	0.09	0.00
en	14.68	15.44	31.58	6.28	7.78	11.09	7.53	15.86	20.59	9.13
fs	2.77	2.39	0.00	0.26	0.00	0.99	0.19	0.48	1.02	0.06
fo	41.22	35.42	42.77	71.96	66.96	52.60	72.94	62.55	51.58	66.12
fa	8.58	6.04	0.00	3.34	0.00	5.18	2.06	2.07	2.81	0.45
mt	0.00	0.00	6.56	4.23	7.45	7.34	5.54	5.32	4.54	5.65
cm	3.87	11.62	0.84	0.43	0.50	0.10	0.46	1.03	0.46	0.60
ht	0.00	0.00	0.04	0.00	0.18	0.00	0.00	0.00	0.00	0.00
il	0.68	0.15	0.06	0.04	0.02	0.04	0.00	0.00	0.02	0.00
ap	0.00	0.00	0.07	0.09	0.09	0.07	0.05	0.07	0.05	0.05
total	75.20	76.56	84.64	89.34	83.71	89.22	89.97	87.85	85.44	83.22

*:calculate Fe3+ --> Fe2+

	BCR002	BFR004	BGR002	BGR004	BGR006	BGR017	BGR018	BGR020	BHR003	BHR018
	ol.gb.	gabbro	dolerite	lherz.	lherz.	basalt	dunite	dunite	lherz.	harz.
AREA	B	B	B	B	B	B	B	B	B	B
SiO2	41.82	48.21	48.59	37.25	39.75	53.05	35.36	36.32	38.66	37.88
TiO2	0.06	0.13	1.44	0.04	0.01	1.19	0.01	0.03	<0.01	<0.01
Al2O3	20.10	16.77	15.51	0.72	0.46	15.13	0.88	0.93	0.38	0.36
Fe2O3	1.00	1.02	1.36	3.96	3.32	5.12	4.48	4.49	3.03	4.13
FeO	3.37	3.26	8.43	3.53	3.75	3.68	2.78	2.81	4.35	2.62
MnO	0.07	0.09	0.18	0.11	0.10	0.15	0.10	0.10	0.11	0.09
MgO	13.84	9.38	6.20	39.70	41.62	5.47	39.07	38.39	40.78	37.67
CaO	12.42	15.09	8.60	0.53	0.35	7.83	0.38	0.47	0.38	0.22
Na2O	0.89	2.05	4.73	0.16	0.08	2.79	0.10	0.11	0.03	0.04
K2O	0.05	0.11	0.30	0.02	0.03	0.74	0.03	0.03	0.01	0.01
P2O5	0.11	0.09	0.14	0.01	<0.01	0.09	0.03	0.03	0.03	0.02
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	0.02	0.02	-	0.23	0.28	<0.01	0.60	0.45	0.28	0.39
NiO	0.01	<0.01	-	0.01	0.01	<0.01	0.01	0.01	0.01	0.01
LOI	4.86	2.15	2.63	11.17	7.65	4.25	14.29	13.70	9.35	14.17
total	98.62	98.37	98.11	97.44	97.41	99.49	98.12	97.87	97.40	97.61
					Norm					
Q	0.00	0.00	0.00	0.00	0.00	11.45	0.00	0.00	0.00	0.00
C	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
or	0.30	0.65	1.77	0.12	0.18	4.37	0.18	0.18	0.06	0.06
ab	6.89	16.78	33.03	1.35	0.68	23.61	0.85	0.93	0.25	0.34
an	50.70	36.23	20.20	1.19	0.81	26.57	1.69	1.96	0.87	0.77
ne	0.35	0.30	3.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
di	7.09	25.41	10.44	1.05	0.70	8.69	0.00	0.14	0.61	0.14
hd	0.97	4.81	7.26	0.03	0.02	0.47	0.00	0.00	0.03	0.00
en	0.00	0.00	0.00	16.21	21.30	9.60	15.14	19.10	19.79	29.28
fs	0.00	0.00	0.00	0.52	0.84	0.59	0.17	0.24	1.06	0.39
fo	21.85	8.12	7.43	57.59	57.49	0.00	57.59	53.58	57.11	45.18
fa	3.77	1.94	6.53	2.03	2.50	0.00	0.70	0.75	3.39	0.66
mt	1.45	1.48	1.97	5.74	4.81	7.42	6.49	6.51	4.39	5.99
cm	0.03	0.03	-	0.34	0.41	0.00	0.88	0.66	0.41	0.57
ht	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
il	0.11	0.25	2.73	0.08	0.02	2.26	0.02	0.06	0.00	0.00
ap	0.25	0.21	0.32	0.02	0.00	0.21	0.07	0.07	0.07	0.05
total	93.76	96.22	95.48	86.27	89.76	95.24	83.83	84.17	88.05	83.44

Appendix 34 Chemical compositions of rock samples (2)

	BHR020	BHR022	BJR001	BJR010	BJR014	BJR015	BJR022	BJR026	BJR031	BJR039
	norite	lherz.	lherz.	lherz.	dunite	dunite	norite	ol.gb.	lap.tf.	dunite
AREA	B	B	B	B	B	B	B	B	B	B
SiO2	48.11	37.93	39.33	39.71	38.20	36.91	48.87	43.76	44.30	33.75
TiO2	0.20	<0.01	<0.01	<0.01	<0.01	<0.01	0.24	0.06	1.58	0.02
Al2O3	20.15	0.68	0.45	0.33	0.68	0.51	15.78	17.85	15.44	0.61
Fe2O3	1.35	4.29	2.83	3.55	6.06	4.25	1.40	0.48	7.51	4.29
FeO	3.85	2.35	4.20	4.01	2.68	3.06	4.65	3.15	2.59	2.74
MnO	0.09	0.09	0.11	0.11	0.11	0.11	0.12	0.08	0.18	0.09
MgO	7.57	37.30	40.60	42.35	39.42	40.33	11.00	11.51	4.59	42.00
CaO	11.97	0.48	0.48	0.37	0.16	0.28	12.85	15.00	9.35	0.59
Na2O	2.43	0.08	0.07	0.08	0.01	0.10	1.89	1.32	4.63	0.09
K2O	0.04	0.01	0.02	0.02	0.02	0.02	0.04	0.06	1.64	0.03
P2O5	0.04	0.02	0.02	0.03	0.03	0.03	0.04	0.05	0.24	0.03
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	-	0.20	0.20	0.20	0.94	0.77	0.02	<0.01	<0.01	0.20
NiO	-	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
LOI	1.82	14.07	8.98	9.31	13.81	13.36	1.34	4.48	6.66	14.79
total	97.62	97.51	97.30	100.08	102.13	99.74	98.25	97.81	98.72	99.24
	Norm									
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	0.00	0.00	0.00	0.00	0.42	0.00	0.00	0.00	0.00	0.00
or	0.24	0.06	0.12	0.12	0.12	0.12	0.24	0.35	9.69	0.18
ab	20.56	0.68	0.59	0.68	0.08	0.85	15.99	5.56	20.35	0.76
an	43.96	1.47	0.85	0.48	0.60	0.88	34.46	42.60	16.50	1.17
ne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.04	10.20	0.00
di	9.57	0.61	1.04	0.87	0.00	0.24	18.83	21.41	22.04	1.20
hd	2.56	0.00	0.05	0.03	0.00	0.00	4.32	3.55	0.00	0.01
en	8.02	28.41	20.95	19.41	28.15	17.59	10.01	0.00	0.00	1.52
fs	2.46	0.24	1.12	0.82	0.00	0.29	2.63	0.00	0.00	0.02
fo	4.48	45.00	55.84	60.03	49.08	57.99	6.07	13.14	0.85	71.85
fa	1.52	0.42	3.30	2.81	0.00	1.06	1.76	2.75	0.00	1.11
mt	1.96	6.22	4.10	5.15	7.59	6.16	2.03	0.70	4.39	6.22
cm	-	0.29	0.29	0.29	1.38	1.13	0.03	0.00	0.00	0.29
ht	0.00	0.00	0.00	0.00	0.82	0.00	0.00	0.00	4.48	0.00
il	0.38	0.00	0.00	0.00	0.00	0.00	0.46	0.11	3.00	0.04
ap	0.09	0.05	0.05	0.07	0.07	0.07	0.09	0.12	0.56	0.07
total	95.80	83.44	88.32	90.77	88.32	86.38	96.91	93.33	92.06	84.45

	BKR006	BKR020	BLR001	BLR002	BLR005	BLR027	BLR029	BMR011	BMR013	BNR008
	serp.	basalt	harz.	troct.	dunite	dolerite	basalt	dolerite	dolerite	serp.
AREA	B	B	B	B	B	B	B	B	B	B
SiO2	38.73	50.03	37.00	45.01	31.96	57.98	53.41	47.22	50.37	39.41
TiO2	0.01	1.34	0.01	0.09	<0.01	1.47	1.42	1.44	1.35	0.01
Al2O3	0.83	15.20	0.60	20.36	1.82	13.79	14.75	14.48	15.14	0.70
Fe2O3	2.27	4.88	5.10	1.03	4.55	3.56	5.19	2.52	2.82	3.57
FeO	3.67	4.92	2.22	2.12	2.16	4.46	4.39	7.69	7.13	3.10
MnO	0.08	0.16	0.10	0.06	0.08	0.12	0.14	0.19	0.17	0.10
MgO	39.32	7.08	37.56	11.30	39.06	4.18	5.01	6.80	6.96	37.53
CaO	0.21	9.85	0.38	15.42	0.36	8.14	7.76	9.37	9.77	0.30
Na2O	<0.01	2.67	0.05	0.84	0.03	2.90	3.56	2.75	3.00	0.04
K2O	0.03	0.40	0.03	0.05	0.02	0.18	0.23	0.34	0.10	0.02
P2O5	0.03	0.15	0.04	0.05	0.03	0.13	0.16	0.13	0.12	0.01
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	0.26	0.02	0.25	0.02	0.60	-	-	0.02	0.02	0.22
NiO	0.01	<0.01	0.01	0.01	0.02	-	-	0.01	0.01	0.01
LOI	13.67	3.44	14.22	2.37	17.19	1.67	3.09	3.90	2.31	13.24
total	99.12	100.14	97.57	98.73	97.88	98.60	99.11	96.86	99.27	98.26
	Norm									
Q	0.00	4.56	0.00	0.00	0.00	19.05	10.40	0.00	1.88	0.00
C	0.49	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.09
or	0.18	2.36	0.18	0.30	0.12	1.06	1.36	2.01	0.59	0.12
ab	0.00	22.59	0.42	7.11	0.25	24.54	30.12	23.27	25.39	0.34
an	0.85	28.31	1.32	51.64	1.59	24.08	23.59	26.16	27.55	1.42
ne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
di	0.00	13.46	0.23	17.66	0.00	9.82	9.78	10.45	11.29	0.00
hd	0.00	2.04	0.00	1.64	0.00	2.53	1.15	5.39	5.02	0.00
en	25.29	11.40	26.49	1.77	6.37	5.86	7.94	11.44	12.10	32.32
fs	1.24	1.98	0.00	0.19	0.00	1.73	1.08	6.76	6.18	0.95
fo	50.91	0.00	46.92	12.74	63.71	0.00	0.00	0.45	0.00	42.86
fa	2.74	0.00	0.00	1.50	0.00	0.00	0.00	0.30	0.00	1.38
mt	3.29	7.07	7.10	1.49	6.37	5.16	7.52	3.65	4.09	5.18
cm	0.38	0.03	0.37	0.03	0.88	-	-	0.03	0.03	0.32
ht	0.00	0.00	0.20	0.00	0.16	0.00	0.00	0.00	0.00	0.00
il	0.02	2.54	0.02	0.17	0.00	2.79	2.70	2.73	2.56	0.02
ap	0.07	0.35	0.09	0.12	0.07	0.30	0.37	0.30	0.28	0.02
total	85.45	96.70	83.35	96.36	80.69	96.93	96.02	92.96	96.96	85.02

Appendix 34 Chemical compositions of rock samples (3)

	BNR012	BNR015	BNR016	BPR005	BPR008	BPR015	BPR017	BPR020	BPR024	BPR026
	basalt	basalt	basalt	webst.	dunite	troct.	harz.	harz.	ol.webst.	ol.webst.
AREA	B	B	B	B	B	B	B	B	B	B
SiO2	48.54	48.62	50.47	51.79	39.53	42.43	39.77	37.67	48.15	47.95
TiO2	1.62	1.42	1.74	0.06	<0.01	0.01	<0.01	<0.01	0.09	0.09
Al2O3	15.16	14.83	14.80	1.36	0.32	26.24	0.61	0.50	2.05	1.96
Fe2O3	4.96	4.63	6.30	2.72	6.65	0.73	4.12	2.86	1.99	2.90
FeO	4.68	5.66	5.32	3.26	1.34	2.23	2.98	3.94	5.57	6.91
MnO	0.17	0.16	0.17	0.14	0.10	0.04	0.09	0.10	0.16	0.19
MgO	7.24	7.87	5.42	22.78	36.02	10.24	37.90	40.17	21.98	23.99
CaO	10.39	10.27	9.39	12.98	0.31	13.00	0.55	0.47	15.84	12.20
Na2O	2.67	2.49	2.77	0.37	0.08	0.73	0.07	0.07	0.21	0.16
K2O	0.07	0.20	0.78	0.04	0.02	0.13	0.01	0.02	0.02	0.02
P2O5	0.15	0.13	0.17	0.01	0.01	0.03	0.02	0.03	0.01	0.04
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	0.02	0.02	0.01	0.16	0.25	0.02	0.29	0.34	0.03	0.42
NiO	0.01	0.01	0.01	<0.01	0.01	0.01	0.01	0.01	0.02	0.01
LOI	4.12	3.76	3.41	3.20	14.35	5.38	12.73	12.44	1.99	2.11
total	99.80	100.07	100.76	98.87	98.99	101.22	99.15	98.62	98.11	98.95
					Norm					
Q	3.75	2.56	7.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	0.00	0.00	0.00	0.00	0.00	1.33	0.00	0.00	0.00	0.00
or	0.41	1.18	4.61	0.24	0.12	0.77	0.06	0.12	0.12	0.12
ab	22.59	21.07	23.44	3.13	0.68	6.18	0.59	0.59	1.78	1.35
an	29.17	28.70	25.65	1.93	0.45	64.30	1.32	0.99	4.59	4.57
ne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
di	15.27	14.17	13.86	46.24	0.79	0.00	0.98	0.86	51.31	38.39
hd	1.58	2.85	1.80	2.67	0.00	0.00	0.02	0.04	7.14	5.68
en	10.95	13.03	7.08	33.72	38.80	4.45	31.68	17.27	7.58	19.92
fs	1.30	3.01	1.06	2.23	0.00	0.62	0.67	0.83	1.21	3.38
fo	0.00	0.00	0.00	1.11	35.42	14.76	43.63	57.73	16.38	15.44
fa	0.00	0.00	0.00	0.08	0.00	2.26	1.02	3.04	2.88	2.89
mt	7.19	6.71	9.13	3.94	4.29	1.06	5.97	4.15	2.89	4.20
cm	0.03	0.03	0.01	0.24	0.37	0.03	0.43	0.50	0.04	0.62
ht	0.00	0.00	0.00	0.00	3.69	0.00	0.00	0.00	0.00	0.00
il	3.08	2.70	3.30	0.11	0.00	0.02	0.00	0.00	0.17	0.17
ap	0.35	0.30	0.39	0.02	0.02	0.07	0.05	0.07	0.02	0.09
total	95.68	96.31	97.35	95.67	84.64	95.84	86.42	86.18	96.12	96.84

	BPR032	BPR039	BRR010	BSR004	BSR009	BTR007	BVR007	BVR013	BVR017	BVR019
	basalt	dolerite	basalt	dolerite	dolerite	basalt	harz.	basalt	troct.	ho.web.
AREA	B	B	B	B	B	B	B	B	B	B
SiO2	50.23	51.50	52.55	49.15	46.67	48.89	37.03	48.89	36.00	39.96
TiO2	1.21	1.64	2.05	1.61	0.95	1.79	0.01	0.90	0.05	0.17
Al2O3	13.29	14.86	13.60	14.32	14.20	14.59	0.49	13.79	7.36	7.41
Fe2O3	3.57	5.88	6.12	1.78	2.30	4.64	3.35	1.98	2.71	3.47
FeO	7.58	5.36	6.69	8.99	7.52	6.42	2.86	8.60	5.49	6.86
MnO	0.21	0.16	0.16	0.18	0.17	0.17	0.09	0.16	0.12	0.16
MgO	8.06	6.10	5.04	5.94	8.05	5.35	38.03	8.49	31.30	28.62
CaO	9.50	7.90	5.87	9.03	10.43	8.12	0.52	10.87	5.54	5.43
Na2O	3.70	3.68	3.49	3.83	3.66	3.93	0.11	2.60	0.09	0.69
K2O	0.30	0.52	0.24	0.30	0.09	0.14	0.03	0.06	0.01	0.01
P2O5	0.11	0.16	0.22	0.21	0.15	0.22	<0.01	0.16	0.05	0.07
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	<0.01	0.02	<0.01	0.01	0.01	<0.01	0.20	0.01	0.51	0.16
NiO	0.01	0.01	<0.01	<0.01	0.01	<0.01	0.01	0.01	0.01	0.01
LOI	2.75	2.95	3.32	2.58	3.85	3.64	16.14	1.59	11.44	7.79
total	100.52	100.74	99.35	97.93	98.06	97.90	98.87	98.11	100.68	100.81
					Norm					
Q	0.00	4.74	11.47	0.00	0.00	2.01	0.00	0.00	0.00	0.00
C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
or	1.77	3.07	1.42	1.77	0.53	0.83	0.18	0.35	0.00	0.06
ab	31.31	31.14	29.53	32.41	26.13	33.25	0.93	22.00	0.00	5.84
an	18.77	22.49	20.73	21.00	22.05	21.76	0.75	25.78	19.65	17.09
ne	0.00	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.41	0.00
di	15.87	10.79	4.32	10.56	15.91	10.21	1.39	14.38	4.87	6.63
hd	6.46	1.59	1.24	7.90	7.38	3.55	0.03	7.69	0.41	0.78
en	5.80	10.19	10.55	4.18	0.00	8.59	21.12	9.88	0.00	5.94
fs	2.71	1.73	3.48	3.59	0.00	3.43	0.55	6.06	0.00	0.80
fo	4.84	0.00	0.00	4.01	8.88	0.00	51.13	3.22	53.05	43.64
fa	2.49	0.00	0.00	3.79	5.21	0.00	1.47	2.18	5.67	6.49
mt	5.18	8.52	8.87	2.58	3.33	6.73	4.86	2.87	3.93	5.03
cm	0.00	0.03	0.00	0.01	0.01	0.00	0.29	0.01	0.75	0.24
ht	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
il	2.30	3.11	3.89	3.06	1.80	3.40	0.02	1.71	0.09	0.32
ap	0.25	0.37	0.51	0.49	0.35	0.51	0.00	0.37	0.12	0.16
total	97.77	97.79	96.03	95.35	94.21	94.26	82.73	96.52	89.24	93.02

Appendix 34 Chemical compositions of rock samples (4)

	CNR003	CNR005	CNR007	CNR001	CNR004	CNR009	CPR005	CPR006	CPR007	CPR008
	lap. stone	basalt	lap. stone	baslt	basalt	px. and.	px. and.	chert	chert	serp.
AREA	C	C	C	C	C	C	C	C	C	C
SiO2	50.62	48.22	49.11	50.97	45.96	51.23	48.19	94.43	95.61	39.84
TiO2	1.23	2.01	1.36	1.21	1.23	1.69	1.49	0.07	0.05	<0.01
Al2O3	16.09	14.00	15.41	14.96	17.13	14.77	14.96	1.57	1.20	0.35
Fe2O3	4.43	9.94	6.02	3.63	5.44	5.68	6.54	0.95	0.76	5.02
FeO	5.58	2.90	4.11	5.34	3.96	5.29	4.59	0.11	0.13	2.38
MnO	0.17	0.36	0.15	0.16	0.18	0.19	0.15	0.08	0.07	0.29
MgO	6.08	5.96	5.90	6.19	6.65	5.23	6.55	0.34	0.38	35.89
CaO	9.12	6.66	9.08	8.46	9.76	9.19	9.71	0.49	0.59	0.29
Na2O	3.57	4.14	2.47	3.80	3.83	3.32	2.90	0.25	0.20	0.07
K2O	0.52	1.26	0.54	0.49	0.18	0.37	0.10	0.26	0.23	0.01
P2O5	0.14	0.24	0.15	0.16	0.18	0.18	0.15	0.03	0.11	0.04
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	-	-	-	-	-	-	-	-	-	-
NiO	-	-	-	-	-	-	-	-	-	-
LOI	2.99	4.94	6.40	4.27	6.23	3.49	5.34	1.76	1.60	13.34
total	100.54	100.63	100.70	99.64	100.73	100.63	100.67	100.34	100.93	97.52
					Norm					
Q	1.32	0.20	7.74	1.78	0.00	6.69	4.66	90.51	92.16	0.00
C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
or	3.07	7.45	3.19	2.90	1.06	2.19	0.59	1.54	1.36	0.06
ab	30.21	35.03	20.90	32.15	30.99	28.09	24.54	2.12	1.69	0.59
an	26.34	15.90	29.37	22.32	29.02	24.31	27.51	2.23	1.70	0.61
ne	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00
di	11.25	12.13	11.09	11.57	13.52	13.60	14.74	0.00	0.40	0.44
hd	3.15	0.00	0.40	3.34	0.77	2.35	0.66	0.00	0.00	0.00
en	9.93	9.22	9.55	10.05	0.00	6.72	9.48	0.85	0.76	39.91
fs	3.19	0.00	0.39	3.33	0.00	1.33	0.49	0.00	0.00	0.34
fo	0.00	0.00	0.00	0.00	7.22	0.00	0.00	0.00	0.00	34.53
fa	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	0.00	0.32
mt	6.42	4.69	8.73	5.26	7.89	8.23	9.48	0.41	0.50	7.28
cm	-	-	-	-	-	-	-	-	-	-
ht	0.00	6.70	0.00	0.00	0.00	0.00	0.00	0.67	0.41	0.00
il	2.34	3.81	2.58	2.30	2.34	3.21	2.83	0.13	0.09	0.00
ap	0.32	0.56	0.35	0.37	0.42	0.42	0.35	0.07	0.25	0.09
total	97.55	95.69	94.30	95.37	94.50	97.14	95.33	98.58	99.33	84.18

	CPR013	CPR015	CSR001	CSR002	CTR001	CTR002	CTR004	CTR005	CTR006	CVR001
	serp.	px. and.	serp.	serp.	lap. stone	serp.	ol. gb.	ol. gb.	basalt	basalt
AREA	C	C	C	C	C	C	C	C	C	C
SiO2	31.41	50.97	34.45	39.25	44.51	39.59	47.18	43.62	51.46	46.18
TiO2	0.06	1.25	<0.01	<0.01	1.85	<0.01	0.20	0.12	1.71	1.61
Al2O3	1.72	16.59	0.24	0.72	14.92	0.77	21.03	16.98	14.11	16.49
Fe2O3	2.89	5.41	5.77	6.81	8.35	3.87	1.96	2.50	6.04	5.83
FeO	2.29	2.74	1.16	1.21	3.12	2.66	2.51	2.67	5.03	3.44
MnO	0.69	0.20	0.09	0.11	0.16	0.12	0.08	0.09	0.19	0.16
MgO	26.23	6.08	39.57	34.98	5.27	35.40	7.78	14.25	5.47	2.66
CaO	12.84	5.72	0.33	0.26	8.30	2.56	14.82	12.68	8.77	10.92
Na2O	0.11	5.92	0.07	0.07	5.07	0.08	1.72	0.77	3.28	2.55
K2O	0.03	0.15	0.01	0.03	1.00	0.02	0.04	0.05	0.26	3.23
P2O5	0.04	0.16	0.04	0.04	0.27	0.04	0.08	0.05	0.21	0.62
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Cr2O3	-	-	-	-	-	-	-	-	-	-
NiO	-	-	-	-	-	-	-	-	-	-
LOI	21.28	4.31	17.94	16.13	6.99	15.06	1.66	5.53	3.58	7.05
total	99.59	99.50	99.67	99.61	99.81	100.17	99.06	99.31	100.11	100.75
					Norm					
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.35	0.00
C	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
or	0.00	0.89	0.06	0.18	5.91	0.12	0.24	0.30	1.54	19.09
ab	0.00	50.09	0.59	0.59	27.36	0.68	14.55	6.52	27.75	19.41
an	4.11	18.25	0.31	1.03	15.00	1.68	49.54	42.73	23.01	24.01
ne	0.50	0.00	0.00	0.00	8.42	0.00	0.00	0.00	0.00	1.18
di	9.41	7.07	0.83	0.00	19.00	8.24	16.44	14.58	13.54	14.29
hd	0.38	0.00	0.00	0.00	0.00	0.16	2.08	1.00	1.54	0.00
en	0.00	2.02	13.47	40.80	0.00	26.35	4.77	8.83	7.35	0.00
fs	0.00	0.00	0.00	0.00	0.00	0.57	0.69	0.70	0.96	0.00
fo	42.72	6.90	59.36	32.46	3.03	40.65	4.89	13.95	0.00	0.00
fa	2.16	0.00	0.00	0.00	0.00	0.97	0.78	1.22	0.00	0.00
mt	4.19	5.86	4.03	4.26	5.21	5.61	2.84	3.62	8.76	6.94
cm	-	-	-	-	-	-	-	-	-	-
ht	0.00	1.37	2.99	3.87	4.75	0.00	0.00	0.00	0.00	1.04
il	0.11	2.37	0.00	0.00	3.51	0.00	0.38	0.23	3.25	3.06
ap	0.09	0.37	0.09	0.09	0.63	0.09	0.19	0.12	0.49	1.44
total	78.31	95.19	81.73	83.48	92.82	85.11	97.40	93.78	96.53	93.69

Appendix 34 Chemical compositions of rock samples (5)

	CVR002	RA-09	RB-05	RB-16	RB-17	RB-24	RB-27	RB-30	RB-31	RB-34
	ir.stone	gr.po.	gd.po.	f.hb.gb.	dunite	harz.	dunite	dunite	lamp.	harz.
AREA	C	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1
SiO2	78.28	74.32	54.81	51.10	27.29	37.51	34.27	30.97	48.87	38.78
TiO2	0.11	0.11	0.27	1.07	<0.09	<0.01	<0.01	<0.09	1.52	<0.01
Al2O3	2.59	14.28	16.95	15.75	0.98	0.48	0.24	0.80	14.46	0.61
Fe2O3	8.07	0.51	1.33	1.63	4.23	3.91	3.71	4.09	1.81	3.22
FeO	2.02	1.00	2.61	7.51	0.91	3.52	2.68	3.09	8.54	4.34
MnO	3.55	0.03	0.07	0.17	<0.09	0.11	0.09	0.09	0.19	0.11
MgO	1.47	1.30	4.72	6.46	41.07	40.16	42.98	43.63	6.57	40.79
CaO	0.54	1.26	9.15	8.17	<0.09	0.45	0.24	<0.09	11.97	0.62
Na2O	0.09	6.24	5.77	3.92	0.09	0.02	0.02	0.09	3.25	0.05
K2O	0.35	0.30	0.15	0.19	0.01	0.01	0.01	0.03	0.13	0.01
P2O5	0.12	0.18	0.13	0.18	<0.09	<0.01	<0.01	<0.09	0.22	<0.01
BaO	0.04	<0.01	<0.01	<0.01	<0.09	<0.01	<0.01	<0.09	<0.01	<0.01
Cr2O3	-	1.90	<0.01	-	5.85	0.26	0.29	3.22	-	0.22
NiO	-	0.35	<0.01	-	0.44	0.31	0.36	0.33	-	0.32
LOI	4.21	1.06	1.74	2.63	15.02	11.14	13.61	13.45	2.17	8.89
total	101.44	102.84	97.70	98.78	95.47	97.88	98.50	99.38	99.70	97.96
					Norm					
Q	71.80	32.63	0.00	0.00		0.00	0.00		0.00	0.00
C	1.34	1.83	0.00	0.00		0.00	0.00		0.00	0.00
or	2.07	1.77	0.89	1.12		0.06	0.06		0.77	0.06
ab	0.76	52.80	48.40	33.17		0.17	0.17		27.50	0.42
an	1.97	5.07	19.91	24.82		1.19	0.54		24.48	1.41
ne	0.00	0.00	0.23	0.00		0.00	0.00		0.00	0.00
di	0.00	0.00	15.74	7.45		0.79	0.50		16.70	1.24
hd	0.00	0.00	3.94	4.43		0.03	0.01		10.70	0.06
en	3.66	3.24	0.00	18.60		18.56	3.57		0.89	17.78
fs	3.45	0.26	0.00	7.24		0.70	0.08		0.66	1.03
fo	0.00	0.00	3.13	1.43		56.84	72.35		5.42	58.33
fa	0.00	0.00	0.99	1.07		2.36	1.80		4.39	3.73
mt	11.67	0.74	1.93	2.36		5.67	5.39		2.62	4.67
cm	-	2.81	0.00	-		0.38	0.43		-	0.32
ht	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00
il	0.21	0.21	0.51	2.03		0.00	0.00		2.89	0.00
ap	0.28	0.42	0.30	0.42		0.00	0.00		0.51	0.00
total	97.20	101.78	95.96	96.15		86.74	84.89		97.53	89.07

	RB-37	RB-39	RB-42	RB-44	RB-46	RB-47	RB-50	RB-51	RB-52	RB-53
	norite	hb.gb.	hb.gb.	webst.	dolerite	webst.	dolerite	norite	ol.webst.	gb.
AREA	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1
SiO2	45.49	42.47	43.57	51.58	48.23	52.16	49.97	43.31	51.12	45.58
TiO2	0.33	0.63	0.53	0.06	1.59	0.05	1.51	0.06	0.08	0.24
Al2O3	18.45	18.89	17.13	1.43	15.17	1.61	14.97	21.29	2.21	21.04
Fe2O3	3.64	5.25	5.85	1.45	2.48	1.38	2.69	1.44	2.02	0.62
FeO	6.88	7.27	7.66	3.22	7.77	4.79	7.61	2.81	3.10	1.81
MnO	0.18	0.19	0.17	0.12	0.17	0.14	0.18	0.08	0.12	0.05
MgO	9.69	8.01	9.33	22.29	7.34	24.51	6.63	9.92	19.83	6.19
CaO	13.46	13.68	13.15	17.07	10.55	13.36	8.19	16.55	19.66	19.06
Na2O	0.74	1.16	0.74	0.15	3.56	0.13	4.69	0.65	0.23	1.18
K2O	0.04	0.02	0.03	<0.01	0.10	<0.01	0.10	0.25	0.01	0.90
P2O5	0.08	0.10	0.08	0.02	0.20	<0.01	0.21	0.11	0.02	0.14
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Cr2O3	-	-	-	-	-	-	-	-	-	-
NiO	-	-	-	-	-	-	-	-	-	-
LOI	0.60	1.88	1.51	1.50	2.70	0.28	2.59	4.08	1.01	4.37
total	99.58	99.55	99.75	98.89	99.86	98.41	99.34	100.55	99.41	101.19
					Norm					
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
or	0.24	0.12	0.18	0.00	0.59	0.00	0.59	1.48	0.06	0.59
ab	6.26	9.82	6.26	1.27	30.12	1.10	39.69	1.18	1.95	0.00
an	46.90	46.28	43.33	3.23	25.12	3.81	19.50	54.44	4.97	49.45
ne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	0.00	5.41
di	11.61	12.37	12.96	59.37	14.28	44.30	10.67	18.67	67.66	30.62
hd	3.95	4.50	4.22	4.51	6.75	4.95	5.40	2.65	4.91	4.34
en	13.24	2.56	11.91	16.45	0.40	28.82	0.83	0.00	6.08	0.00
fs	5.16	1.07	4.45	1.43	0.22	3.70	0.48	0.00	0.51	0.00
fo	3.86	8.17	3.73	8.09	7.89	8.19	7.53	11.25	8.37	0.86
fa	1.66	3.76	1.53	0.78	4.71	1.16	4.82	2.02	0.77	0.15
mt	5.28	7.61	8.48	2.10	3.60	2.00	3.90	2.09	2.93	0.90
cm	-	-	-	-	-	-	-	-	-	-
ht	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
il	0.63	1.20	1.01	0.11	3.02	0.09	2.87	0.11	0.15	0.46
ap	0.19	0.23	0.19	0.05	0.46	0.00	0.49	0.25	0.05	0.32
total	98.98	97.67	98.24	97.39	97.16	98.13	96.75	96.47	98.40	96.81

Appendix 34 Chemical compositions of rock samples (6)

	RC-03	RC-07	RC-13	RC-23	RC-30	RD-02	RD-04	RE-01	RE-05	RE-07
	hb.po.	harz.	lherz.	webst.	webst.	harz.	lherz.	hb.gb.	hb.po.	gd.po.
AREA	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1	A-1
SiO2	51.50	36.75	38.15	50.78	51.99	37.97	37.91	49.31	48.99	71.46
TiO2	1.78	0.01	<0.01	0.07	0.10	0.01	0.01	1.64	1.64	0.13
Al2O3	14.84	0.63	0.61	1.75	2.36	0.73	0.56	14.94	16.22	15.75
Fe2O3	2.96	4.04	4.09	2.09	3.47	4.18	3.52	3.08	3.33	0.64
FeO	8.99	2.96	3.33	4.14	3.96	3.41	4.03	8.11	7.89	1.17
MnO	0.19	0.10	0.11	0.14	0.16	0.11	0.11	0.19	0.17	0.03
MgO	4.79	39.44	39.36	21.58	21.50	38.47	39.80	6.59	6.09	1.27
CaO	7.92	0.68	0.57	17.03	14.89	0.88	0.89	10.43	9.95	2.28
Na2O	4.73	0.02	0.02	0.27	0.15	0.02	0.02	3.34	3.38	6.66
K2O	0.12	0.01	<0.01	0.01	0.01	<0.01	<0.01	0.16	0.09	0.14
P2O5	0.22	<0.01	<0.01	0.02	0.06	<0.01	<0.01	0.23	0.26	0.20
BaO	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	-	0.09	0.26	<0.01	-	0.16	0.22	-	-	<0.01
NiO	-	0.34	0.31	0.02	-	0.31	0.32	-	-	0.01
LOI	1.68	13.10	11.71	1.10	<0.01	11.82	11.15	1.15	0.92	1.14
total	99.72	98.17	98.52	99.00	98.64	98.07	98.54	99.17	98.93	100.88
	Norm									
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.30
C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98
or	0.71	0.06	0.00	0.06	0.06	0.00	0.00	0.95	0.53	0.83
ab	40.02	0.17	0.17	2.28	1.27	0.17	0.17	28.26	28.60	56.36
an	18.91	1.60	1.57	3.53	5.74	1.90	1.44	25.30	28.82	10.00
ne	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
di	8.52	1.35	0.95	57.94	49.53	1.87	2.23	13.27	9.99	0.00
hd	7.14	0.03	0.03	5.69	3.66	0.06	0.10	7.04	5.36	0.00
en	5.86	17.32	22.38	12.30	30.13	22.07	17.34	7.02	8.56	3.16
fs	5.64	0.49	0.75	1.39	2.55	0.79	0.89	4.27	5.28	1.48
fo	1.48	56.26	52.71	10.22	0.32	51.07	56.59	2.27	1.38	0.00
fa	1.57	1.77	1.94	1.27	0.03	2.00	3.19	1.52	0.94	0.00
mt	4.29	5.86	5.94	3.03	5.03	6.07	5.11	4.47	4.83	0.93
cm	-	0.13	0.38	0.00	-	0.24	0.32	-	-	0.00
ht	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
il	3.38	0.02	0.00	0.13	0.19	0.02	0.02	3.11	3.11	0.25
ap	0.51	0.00	0.00	0.05	0.14	0.00	0.00	0.53	0.60	0.46
total	98.04	85.07	86.81	97.99	98.65	86.25	87.39	98.02	98.01	99.74

	RE-19	RF-10	RF-37	RH-04	RH-05	RJ-05	RJ-06	RJ-07	RJ-08	RJ-14
	lherz.	ol.webst.	dunite	dunite	harz.	dunite	dunite	dunite	dunite.	dunite
AREA	A-1	A-1	A-1	B-1	B-1	B-1	B-1	B-1	B-1	B-1
SiO2	40.47	50.86	33.89	29.65	43.61	34.56	34.52	33.33	33.13	33.19
TiO2	0.01	0.11	<0.01	<0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Al2O3	0.87	2.86	0.31	2.19	0.69	0.97	0.99	0.78	0.46	0.50
Fe2O3	3.67	1.84	3.85	5.74	6.06	4.56	4.21	4.20	4.51	4.28
FeO	3.37	5.02	2.46	2.73	1.52	3.51	4.05	3.97	2.97	4.20
MnO	0.10	0.15	0.09	0.09	0.10	0.11	0.11	0.11	0.10	0.11
MgO	37.55	19.45	41.01	40.61	33.00	40.09	41.20	40.56	40.74	41.14
CaO	0.60	16.74	0.22	<0.09	0.19	0.45	0.76	0.51	0.43	0.36
Na2O	0.04	0.21	0.02	<0.09	0.01	0.02	0.02	0.02	0.02	0.02
K2O	0.01	0.01	<0.01	<0.01	0.03	<0.01	<0.01	0.01	0.01	<0.01
P2O5	<0.01	0.05	<0.01	<0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BaO	<0.01	<0.01	<0.01	<0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Cr2O3	0.28	-	0.28	2.92	0.29	0.18	0.18	<0.01	<0.01	0.15
NiO	0.31	-	0.36	0.26	0.50	0.28	0.25	0.23	0.30	0.24
LOI	10.79	0.87	16.27	13.37	13.12	13.72	12.55	14.04	16.46	13.43
total	98.07	98.17	98.76	96.98	99.12	98.45	98.84	97.76	99.13	97.62
	Norm									
Q	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
C	0.00	0.00	0.00		0.30	0.12	0.00	0.00	0.00	0.00
or	0.06	0.06	0.00		0.18	0.00	0.00	0.06	0.06	0.00
ab	0.34	1.78	0.17		0.08	0.17	0.17	0.17	0.17	0.17
an	2.16	6.83	0.76		0.94	2.23	2.61	2.01	1.14	1.27
ne	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00
di	0.61	52.63	0.26		0.00	0.00	0.87	0.39	0.76	0.38
hd	0.02	7.38	0.00		0.00	0.00	0.03	0.02	0.02	0.02
en	33.06	17.24	7.70		61.59	9.34	3.81	2.90	4.06	2.03
fs	1.29	2.77	0.14		0.00	0.30	0.17	0.13	0.10	0.09
fo	42.18	4.77	66.10		14.44	63.43	68.96	68.63	68.01	70.26
fa	1.81	0.85	1.36		0.00	2.26	3.30	3.32	1.81	3.54
mt	5.33	2.67	5.59		6.35	6.62	6.11	6.09	6.55	6.21
cm	0.41	-	0.41		0.43	0.27	0.27	0.00	0.00	0.22
ht	0.00	0.00	0.00		1.69	0.00	0.00	0.00	0.00	0.00
il	0.02	0.21	0.00		0.00	0.00	0.00	0.00	0.00	0.00
ap	0.00	0.12	0.00		0.00	0.00	0.00	0.00	0.00	0.00
total	87.28	97.30	82.49		86.00	84.73	86.29	83.72	82.67	84.19

Appendix 34 Chemical compositions of rock samples (7)

	RK-11 norite	RK-20 dunite	RK-23 harz.	RK-32 dunite	RK-33 lherz.	RK-45 dolerite	RL-10 harz.	RL-14 harz.	RL-18 dunite	RL-19 lherz.
AREA	B-1	B-1	B-1	B-1	B-1	B-1	B-1	B-1	B-1	B-1
SiO2	49.07	35.86	38.85	34.73	36.90	49.13	38.35	34.17	34.87	37.30
TiO2	0.52	<0.09	<0.01	<0.01	<0.01	1.12	0.04	<0.09	<0.09	<0.09
Al2O3	13.97	0.45	0.64	0.22	0.60	15.51	0.90	0.72	0.18	0.43
Fe2O3	2.97	5.94	4.01	5.27	3.48	2.58	5.12	7.30	6.40	5.29
FeO	6.24	1.79	3.31	4.37	4.00	7.12	2.66	1.83	3.72	2.12
MnO	0.18	0.09	0.10	0.13	0.11	0.16	0.11	0.09	0.09	0.09
MgO	10.64	39.55	39.83	40.81	39.39	7.29	37.98	40.54	41.95	39.30
CaO	11.94	<0.09	0.38	0.15	0.33	8.11	0.46	<0.09	<0.09	<0.09
Na2O	1.89	<0.09	0.02	0.01	0.01	4.94	0.17	0.09	<0.09	<0.09
K2O	0.02	<0.01	0.02	<0.01	<0.01	0.10	0.01	0.01	<0.01	0.01
P2O5	0.09	<0.09	<0.01	<0.01	<0.01	0.15	<0.01	<0.09	<0.09	<0.09
BaO	<0.01	<0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.09	<0.09	<0.09
Cr2O3	0.06	0.29	0.22	0.37	0.19	<0.01	0.37	0.79	0.20	0.26
NiO	0.01	0.32	0.35	0.34	0.36	0.01	0.42	0.34	0.25	0.34
LOI	1.05	13.74	10.00	11.89	12.28	2.96	11.49	13.04	10.80	14.01
total	98.65	98.03	97.73	98.29	97.65	99.18	98.08	98.92	98.46	99.15
	Norm									
Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.56	0.18	0.42
or	0.12	0.00	0.12	0.00	0.00	0.59	0.06	0.06	0.00	0.06
ab	15.99	0.00	0.17	0.08	0.08	36.51	1.44	0.76	0.00	0.00
an	29.58	0.00	1.60	0.56	1.59	19.85	1.66	0.00	0.00	0.00
ne	0.00	0.00	0.00	0.00	0.00	2.86	0.00	0.00	0.00	0.00
di	18.21	0.00	0.22	0.14	0.03	10.83	0.48	0.00	0.00	0.00
hd	5.06	0.00	0.01	0.01	0.00	4.89	0.01	0.00	0.00	0.00
en	16.01	21.32	24.15	9.71	18.02	0.00	25.87	11.33	10.38	26.56
fs	5.10	0.00	0.82	0.40	0.95	0.00	0.33	0.00	0.20	0.02
fo	1.44	54.09	52.52	64.38	56.12	9.21	48.01	62.82	65.95	49.98
fa	0.50	0.00	1.98	2.93	3.25	5.26	0.68	0.00	1.38	0.04
mt	4.31	6.62	5.82	7.65	5.05	3.74	7.43	6.05	9.29	7.68
cm	0.09	0.43	0.32	0.55	0.28	0.00	0.55	1.17	0.29	0.38
ht	0.00	1.38	0.00	0.00	0.00	0.00	0.00	3.13	0.00	0.00
il	0.99	0.00	0.00	0.00	0.00	2.13	0.08	0.00	0.00	0.00
ap	0.21	0.00	0.00	0.00	0.00	0.35	0.00	0.00	0.00	0.00
total	97.60	84.29	87.73	86.40	85.37	96.22	86.59	85.88	87.66	85.14

	RL-20 dunite	RL-23 troct.	RL-25 dunite	RL-27 dunite	RL-28 dunite
AREA	B-1	B-1	B-1	B-1	B-1
SiO2	32.19	37.64	35.71	34.81	35.20
TiO2	<0.09	<0.01	<0.09	<0.09	<0.09
Al2O3	0.26	15.63	0.80	0.61	0.70
Fe2O3	5.60	1.17	8.17	7.82	8.09
FeO	3.61	3.41	0.60	1.30	0.66
MnO	0.09	0.06	0.09	0.09	0.09
MgO	41.55	21.51	37.95	37.49	37.55
CaO	<0.09	8.61	<0.09	<0.09	<0.09
Na2O	0.09	0.34	0.09	0.09	0.09
K2O	<0.01	0.01	0.01	<0.01	<0.01
P2O5	<0.09	0.07	<0.09	<0.09	<0.09
BaO	<0.09	<0.01	<0.09	0.09	0.09
Cr2O3	0.31	0.04	0.60	1.10	0.69
NiO	0.28	0.09	0.34	0.67	0.40
LOI	12.79	9.64	15.01	14.20	15.24
total	96.77	98.22	99.37	98.27	98.80
	Norm				
Q	0.00	0.00	0.00	0.00	0.00
C	0.11	0.00	0.64	0.40	0.49
or	0.00	0.06	0.06	0.00	0.00
ab	0.76	2.88	0.76	0.76	0.76
an	0.00	41.09	0.00	0.16	0.16
ne	0.00	0.00	0.00	0.00	0.00
di	0.00	0.84	0.00	0.00	0.00
hd	0.00	0.08	0.00	0.00	0.00
en	0.49	0.63	22.92	20.96	22.11
fs	0.01	0.07	0.00	0.00	0.00
fo	72.18	36.83	50.17	50.75	50.05
fa	1.84	4.19	0.00	0.00	0.00
mt	8.13	1.70	2.38	4.90	2.62
cm	0.46	0.06	0.89	1.63	1.02
ht	0.00	0.00	6.54	4.45	6.29
il	0.00	0.00	0.00	0.00	0.00
ap	0.00	0.16	0.00	0.00	0.00
total	83.98	88.58	84.36	84.01	83.50

Appendix 35 Chemical compositions of chromite (1)

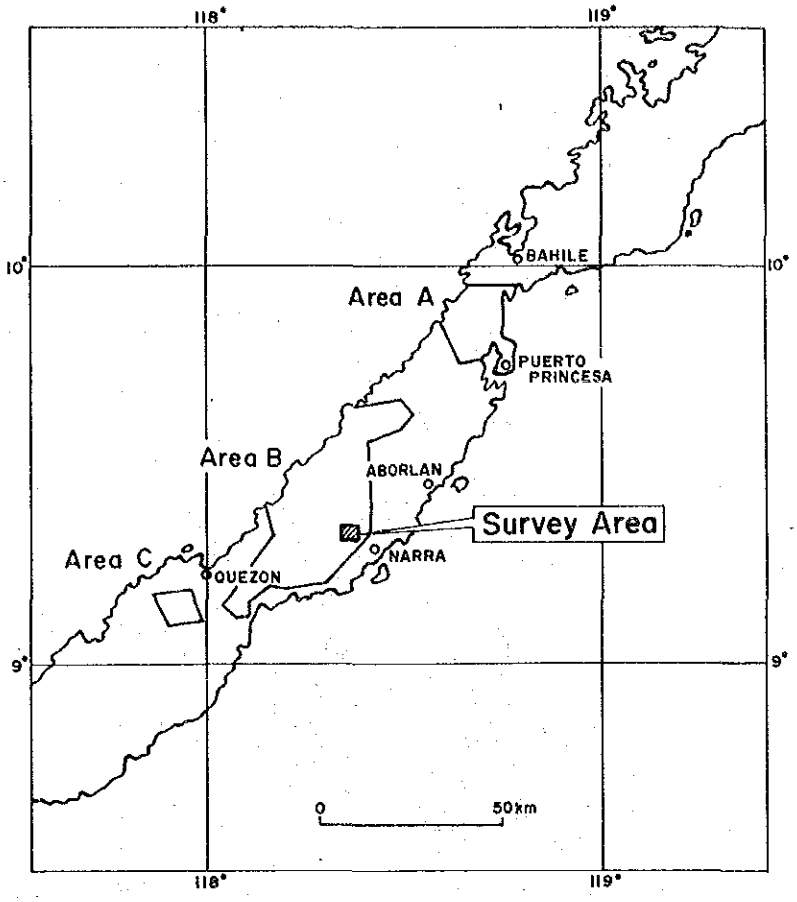
Unit: wt %

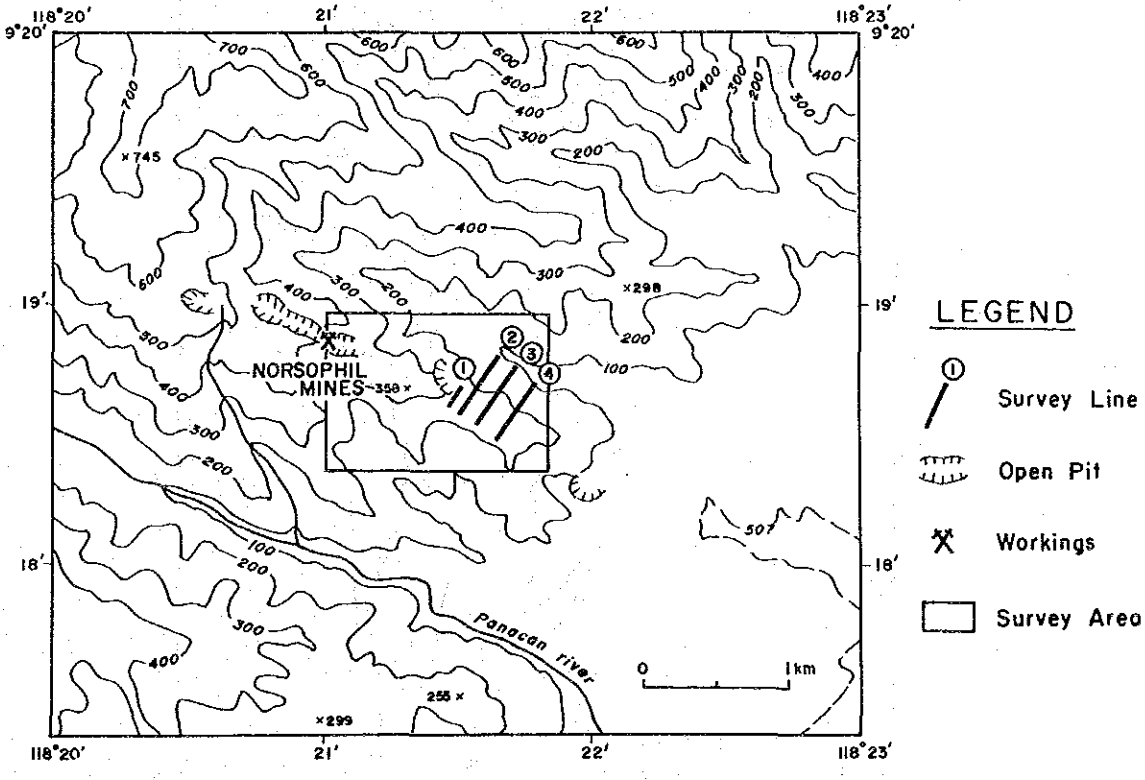
Survey area	Sp. No.	Area	MgO	FeO	Cr_2O_3	Al_2O_3	TiO_2	Total
A	RB-09	San Chromite area	12.10	17.33	63.86	6.93	0.09	100.31
			12.09	17.16	61.76	6.77	0.10	97.87
			12.17	16.58	62.45	6.72	0.33	98.24
			12.17	17.07	63.04	6.99	0.00	99.27
	RB-10	San Chromite area	12.73	16.47	61.73	7.46	0.27	98.66
			12.50	16.72	60.69	7.37	0.36	97.64
			12.51	16.44	60.95	7.26	0.18	97.33
			12.39	17.40	63.22	6.79	0.28	100.08
			12.72	16.40	61.56	7.41	0.33	98.41
	RB-21	Macasaet area	14.31	14.87	65.85	6.65	0.00	101.69
			13.58	14.35	63.76	6.52	0.19	98.40
			14.20	13.90	65.51	6.41	0.16	100.17
	RB-22	Malinao float	14.92	16.29	54.04	16.39	0.00	101.64
			13.36	15.74	53.34	15.85	0.08	98.37
			13.53	17.03	53.76	15.59	0.17	100.08
	RB-36	North of Tagkawayan	13.83	18.42	49.70	18.44	0.01	100.40
			13.12	19.97	48.43	17.25	0.00	98.77
			13.32	18.13	51.35	17.96	0.19	100.95
	RC-24	Lower Pananlagan	14.67	16.47	48.26	19.85	0.24	99.50
			13.54	17.28	48.02	20.27	0.19	99.29
			14.53	15.44	48.75	19.40	0.02	98.14
	RC-25	Lower Pananlagan	15.54	15.19	48.30	21.95	0.27	101.25
			15.07	14.38	49.02	21.48	0.41	100.36
			15.58	14.29	48.84	22.59	0.03	101.33
			15.47	12.97	48.94	22.82	0.20	100.41
			15.97	13.25	49.71	22.30	0.00	101.23
	RC-26	Lower Pananlagan	15.66	14.81	50.45	19.17	0.13	100.21
			15.72	14.24	50.61	20.00	0.23	100.79
			15.64	14.53	50.25	20.25	0.27	100.94
	RC-32	Tagkawayan	12.87	19.35	53.17	13.33	0.31	99.03
			13.02	19.82	53.16	13.38	0.13	99.51
			12.91	19.18	52.28	13.90	0.13	98.41
	RC-33	Tagkawayan	12.53	17.93	61.31	8.63	0.20	100.61
			12.15	17.29	60.31	8.58	0.00	98.32
			12.45	17.88	59.56	8.06	0.25	98.21
	RC-35	Tagkawayan	14.54	14.99	54.83	15.89	0.37	100.62
			14.78	15.17	53.68	16.31	0.06	99.99
			13.95	15.92	53.39	15.87	0.27	99.41
	RC-37	Tagkawayan	14.34	16.13	49.75	17.93	0.63	98.78
			14.78	16.03	50.09	18.56	0.15	99.61
			15.33	16.58	50.57	18.69	0.12	101.29
	RD-08	Upper Pananlagan	13.18	16.34	58.80	10.15	0.28	98.75
			13.80	15.90	58.69	9.95	0.20	98.55
			13.99	15.90	59.66	10.08	0.15	99.79
	RD-09	Upper Pananlagan	13.45	17.67	61.76	8.54	0.09	101.50
			13.18	16.12	60.98	8.14	0.22	98.63
			14.17	16.94	60.71	8.90	0.03	100.76
	RD-10	Upper Pananlagan	13.64	16.00	59.39	9.92	0.05	98.99
			13.76	16.93	60.08	10.17	0.07	101.00
			13.85	16.28	59.50	9.74	0.03	99.40
	RD-11	Upper Pananlagan	14.98	16.47	55.63	13.50	0.08	100.66
			13.75	18.32	55.80	10.89	0.37	99.12
			14.32	16.16	55.29	14.71	0.12	100.60

Appendix 35 Chemical compositions of chromite (2)

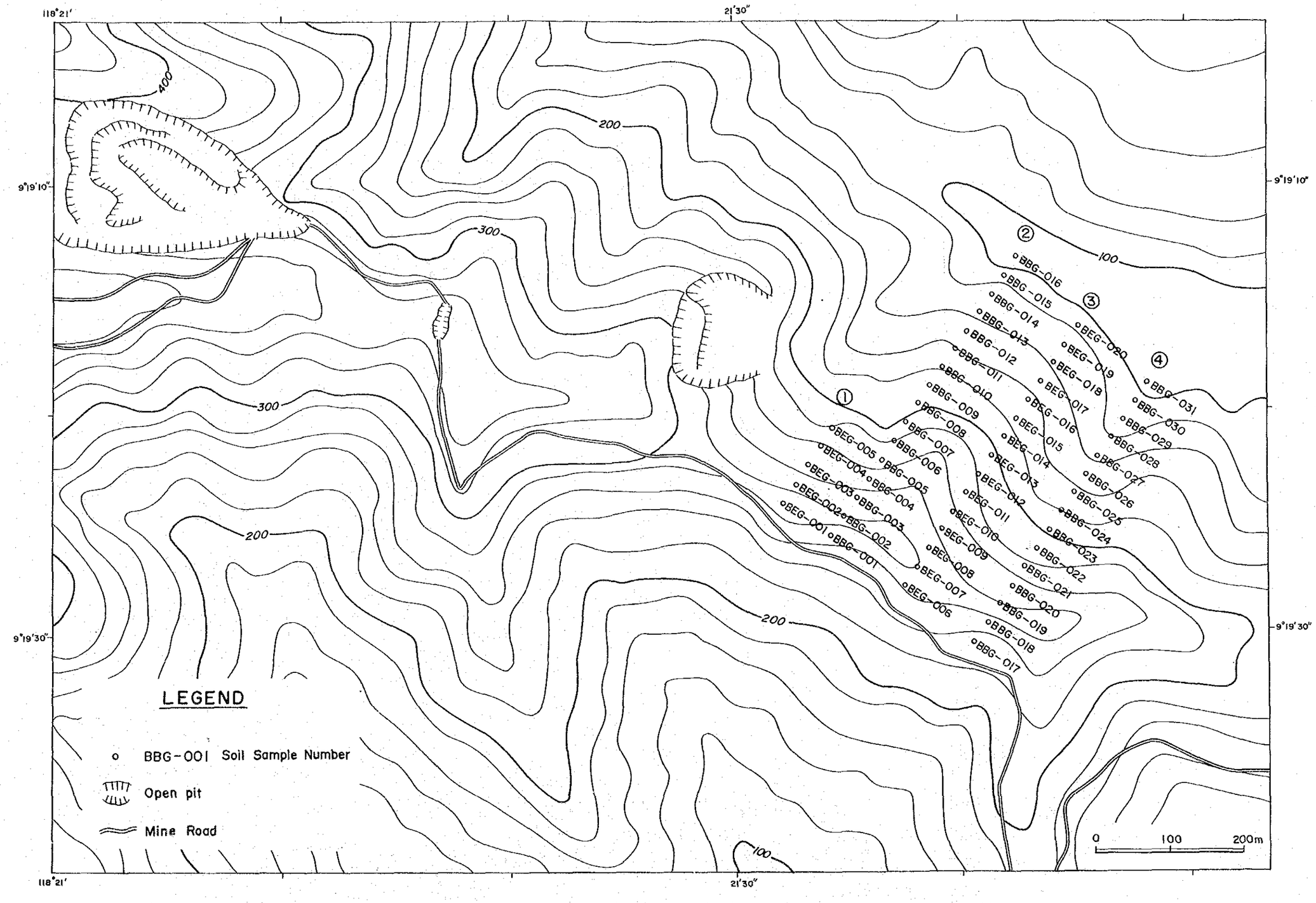
Unit: wt %

Survey area	Sp. No.	Area	MgO	FeO	Cr_2O_3	Al_2O_3	TiO_2	Total
B－1	RH-02	East	14.77	16.36	41.60	26.32	0.25	99.29
			15.03	16.36	41.84	27.68	0.34	101.24
			14.66	15.58	42.03	26.47	0.32	99.05
	RJ-10	Malinao	14.84	15.41	41.71	26.79	0.00	98.75
			14.77	16.54	41.61	26.98	0.00	99.89
			14.97	15.41	42.60	27.49	0.09	100.57
			15.09	16.21	41.94	27.08	0.21	100.52
	RJ-11	Malinao	15.35	15.92	43.87	24.12	0.19	99.44
			14.95	15.49	44.21	25.05	0.00	99.71
			14.96	16.63	43.42	24.56	0.14	99.71
	RJ-12	Malinao	17.29	11.43	39.60	30.89	0.15	99.35
			17.33	12.20	39.41	31.15	0.34	100.43
			17.37	12.35	39.71	31.31	0.27	101.01
	RJ-13	Malinao	17.39	14.15	29.69	38.52	0.14	99.88
			17.28	14.34	28.31	39.32	0.25	99.49
			17.42	15.13	29.20	38.37	0.14	100.25
	RJ-15	Malinao	18.09	13.08	37.82	32.35	0.09	101.44
			17.14	13.31	38.20	30.67	0.05	99.37
			17.48	12.93	38.19	32.13	0.31	101.04
	RJ-16	Malinao	16.55	13.79	35.76	33.54	0.22	99.86
			16.23	14.44	36.05	33.28	0.21	100.20
			16.20	14.66	36.14	32.98	0.08	100.04
	RK-49	Middle	19.84	11.46	25.92	42.88	0.20	100.29
			18.88	12.08	27.12	41.68	0.00	99.76
			19.33	11.00	25.81	42.02	0.34	98.50
	RK-50	Middle	21.82	9.90	16.31	51.53	0.01	99.56
			21.04	9.87	16.47	51.28	0.16	98.82
			21.04	10.08	17.00	51.56	0.09	99.77
	RL-04	West	15.76	15.09	38.11	31.72	0.19	100.86
			14.41	14.92	37.88	30.51	0.36	98.08
			16.17	14.75	37.33	31.42	0.20	99.87
B	BJR-013	Norsophil Mine	13.16	15.95	61.34	8.67	0.22	99.33
			13.62	15.89	60.29	8.44	0.03	98.27
			13.12	16.05	62.63	8.16	0.10	100.05
	BMR-006	Berong	15.29	12.26	56.77	14.87	0.33	99.51
			15.31	13.83	56.08	15.39	0.25	100.86
			14.74	12.78	56.36	14.75	0.10	98.73
	BMR-015	Long Point	11.75	18.53	54.53	15.70	0.10	100.61
			10.30	21.26	54.18	15.04	0.13	100.90
			9.56	20.90	53.13	14.25	0.24	98.07
	BPR-009	Berong	16.43	12.15	50.75	20.89	0.22	100.43
			17.17	13.00	48.97	20.09	0.19	99.42
			16.85	11.73	50.17	20.19	0.14	99.07

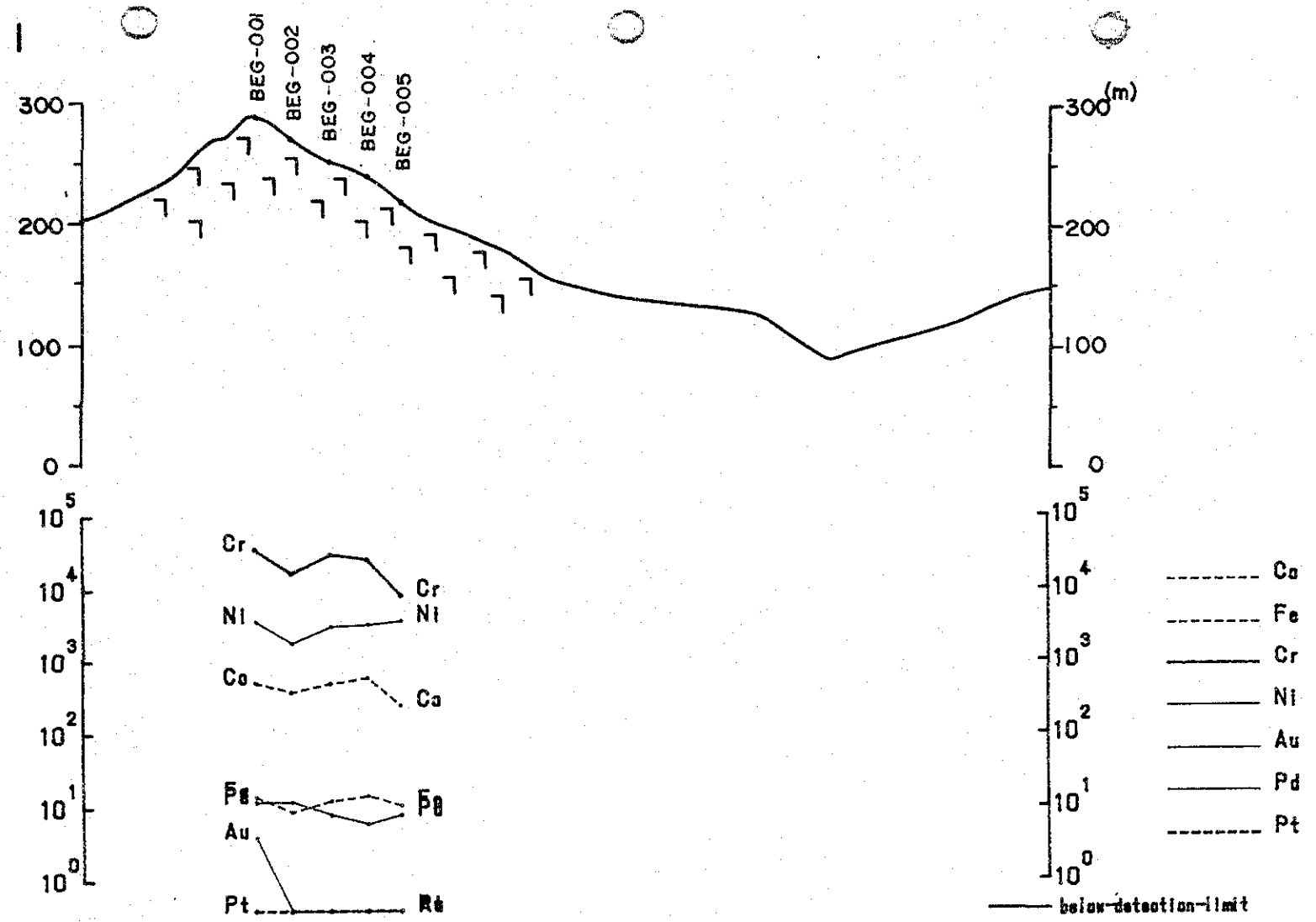




Appendix 36 Location map of line samping in Norsophil Mines

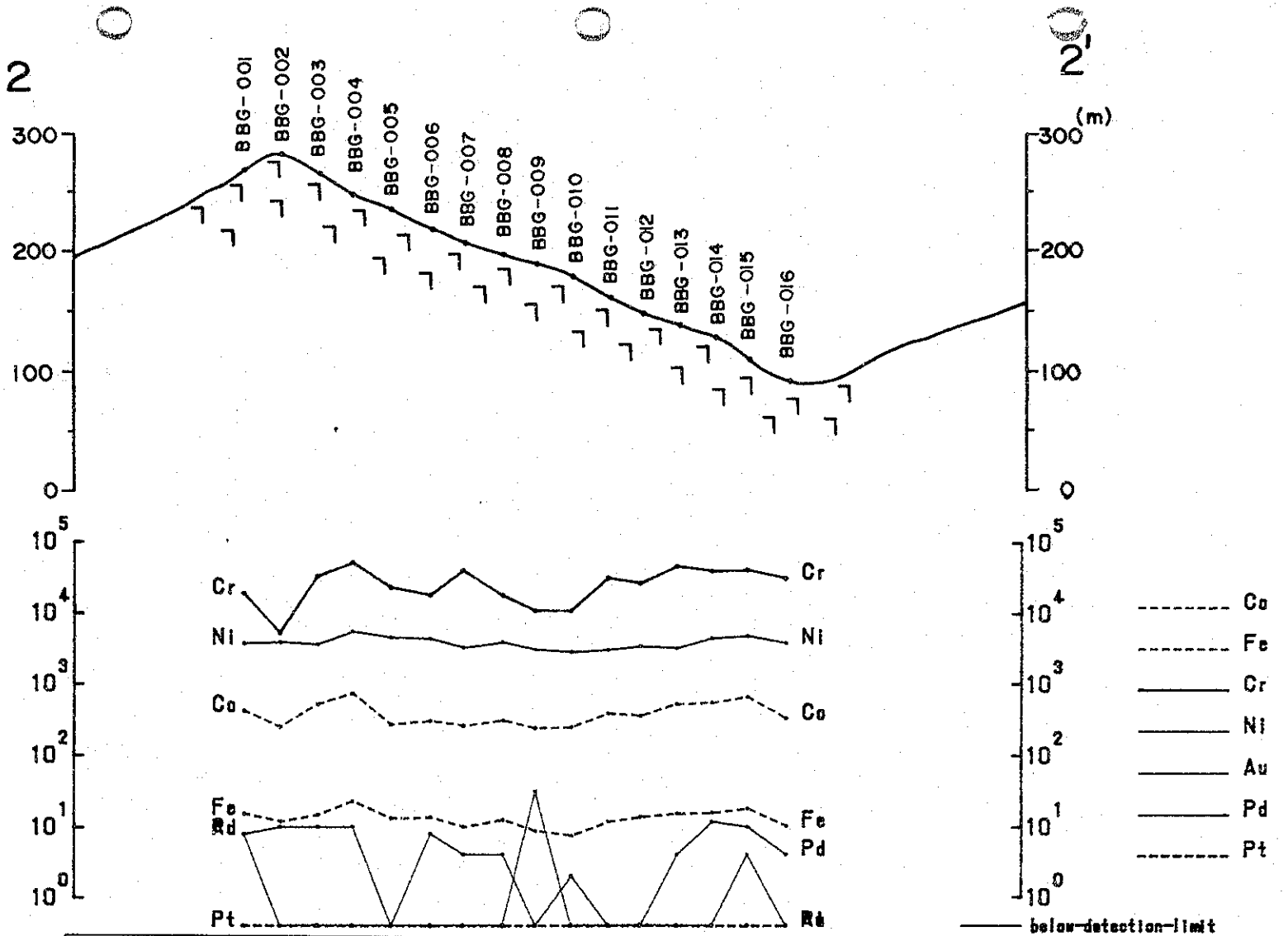


Appendix 37 Location map of soil samping in Norsophil Mines



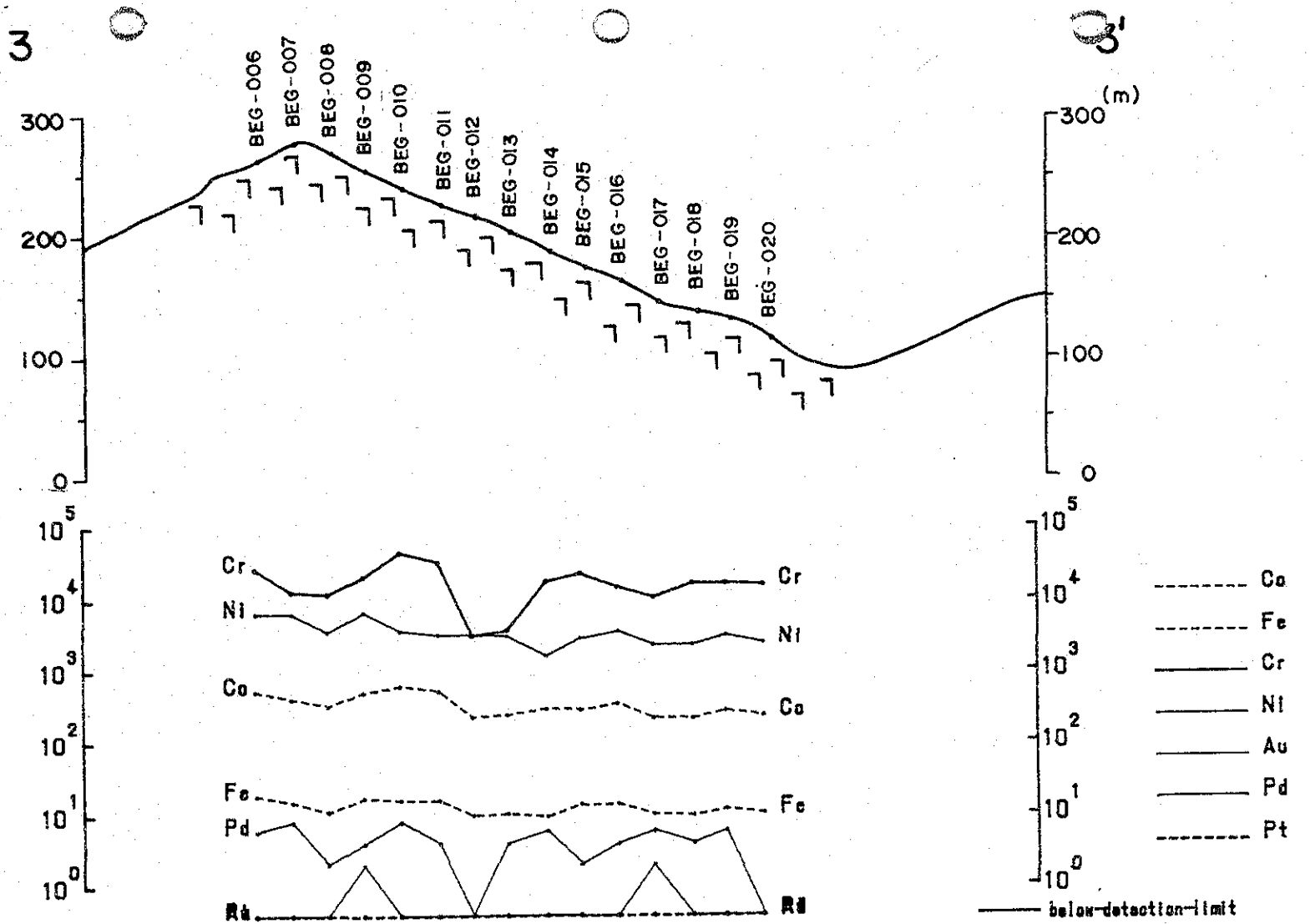
	BEG001	BEG002	BEG003	BEG004	BEG005
Pt (ppb)	<5	<5	<5	<5	<5
Pd (ppb)	12	12	8	6	8
Au (ppb)	4	<4	<2	<2	<2
Ni (ppm)	3690	1820	3170	3390	3810
Cr (ppm)	35000	17000	30000	26000	8500
Fe (%)	14.0	8.9	12.5	14.6	10.7
Co (ppm)	510	380	500	590	250

Appendix 38 Result of line sampling in Norsophil Mines



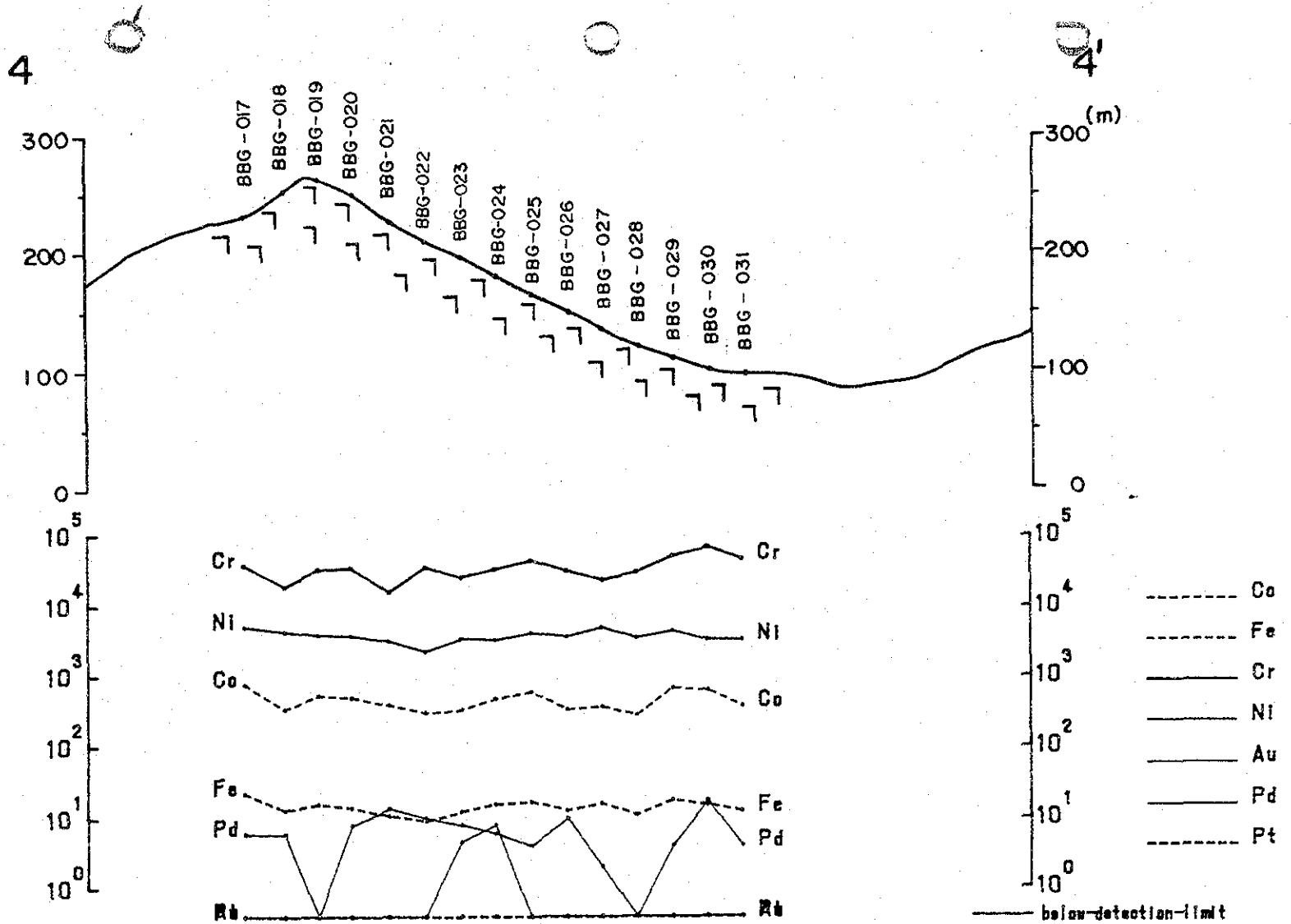
	BBG001	BBG002	BBG003	BBG004	BBG005	BBG006	BBG007	BBG008	BBG009	BBG010	BBG011	BBG012	BBG013	BBG014	BBG015	BBG016
Pt (ppb)	<10	<5	<10	<5	<10	<5	<5	<5	<5	<5	<5	<10	<10	<5	<5	<5
Pd (ppb)	8	10	10	10	<4	8	4	4	<4	2	<4	<4	4	12	10	4
Au (ppb)	8	<2	<4	<2	<4	<2	<4	<2	32	<2	<4	<4	<4	<2	4	<2
Ni (ppm)	3690	3840	3560	5500	4500	4300	3280	3890	3090	2840	3060	3480	3280	4500	4900	3880
Cr (ppm)	19000	5300	33000	52000	23000	18000	40000	18000	11000	11000	32000	27000	47000	40000	42000	32000
Fe (%)	15.3	12.1	14.7	23.1	13.2	13.6	10.1	12.7	8.8	7.6	12.1	13.9	15.8	16.1	18.3	10.5
Co (ppm)	420	250	520	730	270	300	260	310	240	250	390	360	530	550	660	330

Appendix 38 Result of line sampling in Norsophil Mines



	BEG006	BEG007	BEG008	BEG009	BEG010	BEG011	BEG012	BEG013	BEG014	BEG015	BEG016	BEG017	BEG018	BEG019	BEG020
Pt (ppb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<10	<5
Pd (ppb)	6	8	2	4	8	4	<2	4	6	2	4	6	4	6	<2
Au (ppb)	<2	<2	<2	2	<2	<2	<2	<2	<2	<2	<2	2	<4	<2	<2
Ni (ppm)	6500	6400	3500	6700	3640	3200	3280	3100	1600	2850	3650	2300	2320	3150	2430
Cr (ppm)	27000	13000	12000	21000	45000	33000	3200	3800	18000	23000	15000	11000	17000	17000	16000
Fe (%)	18.3	14.8	11.0	17.0	15.7	15.6	9.8	10.2	9.3	13.6	14.1	10.1	9.7	11.7	10.3
Co (ppm)	530	410	330	510	610	530	230	250	300	290	360	220	220	280	240

Appendix 38 Result of line sampling in Norsophil Mines



	BBG017	BBG018	BBG019	BBG020	BBG021	BBG022	BBG023	BBG024	BBG025	BBG026	BBG027	BBG028	BBG029	BBG030	BBG031
Pt (ppb)	<5	<5	<10	<5	<5	<5	n.s.s.	<10	<5	<5	<5	<5	<5	<15	<5
Pd (ppb)	6	6	<4	8	14	10	n.s.s.	6	4	10	2	<2	4	18	4
Au (ppb)	<2	<2	<4	<2	<2	<2	n.s.s.	8	<2	<2	<2	<2	<2	<6	<2
Ni (ppm)	5100	4300	3840	3760	3170	2250	3450	3330	4200	3730	5100	3560	4500	3400	3370
Cr (ppm)	38000	19000	33000	35000	16000	36000	26000	34000	45000	32000	24000	31000	53000	70000	48000
Fe (%)	22.5	13.2	16.1	14.2	10.8	9.2	12.5	16.1	17.4	13.0	16.3	11.2	18.3	15.4	12.6
Co (ppm)	750	340	530	500	390	300	330	480	600	340	370	280	690	640	380

Appendix 38 Result of line sampling in Norsophil Mines