APPENDICES

Appendix 1　Microscopic observation of rock thin section in area A

			Primary mineral								Secondary mineral						
No	Sample No.	Rock name	Au	Hy	Ol	Sr	Ba	Cr	Cs	G	At	Ch	Sr	Ta	Ba	Ca	Mt
1	ACR-001	serpentinite (dunite)				◎		○					◎				
2	ACR-002	serpentinite (dunite)				◎		△					◎				△
3	ADR-001	lherzolite	○	○	◎			△					◎		○		△
4	ADR-007	lherzolite	△	○	◎			△					◎	○	△		△
5	AER-001	serpentinite (dunite)				◎	△	·					◎		△		·
6	AER-002	lherzolite	◎	○	◎			△	△		○	△	○				△
7	AER-005	harzburgite	△	○	◎			△					◎		○		△
8	AFR-002	dunite		△	◎			△				△	◎		△		△
9	AFR-003	harzburgite		○	◎			△					○		○		△
10	AFR-006	lherzolite	○	○	◎			△					○		△	△	·

Abbreviation　Au;augite, Hy;hypersthene, Ol;olivine, Sr;serpentine, Ba;bastite, Cr;chromite, Cs;chromespinel, G;glass, At;actinolite, Ch;chlorite, Ta;talc, Ca;carbonate mineral, Mt;magnetite

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

Appendix 2 Microscopic observation of rock thin section in area A-1

			Primary mineral											Secondary mineral														
No	Sample No.	Rock name	Q	Kf	Pl	Ms	Bi	Hb	Cpx	Opx	Ol	Sr	Cr	Am	Se	Ch	Sr	Ba	Ca	Ap	Sp	Zc	Ep	Gr	Cr	Mt	Il	He	Op
1	RA-05	hornblende porphyrite			◎			◎																		△			
2	RA-09	granodiorite porphyry	◎	○	◎	△	·									△				·	·	·							·
3	RB-05	granodiorite porphyry	△	○	◎			○	○											·	△		·						·
4	RB-06	lherzolite							△	○	◎	○	△				○	○								·			
5	RB-08	dolerite			◎				○											·									△
6	RB-16	micro hornblende gabbro			◎			◎												·									△
7	RB-17	banded chromitite										◎	○				◎		·										
8	RB-24	harzburgite							△	○	◎	◎					◎		·						△	·			
9	RB-27	dunite									◎	◎					◎		·						△	·			
10	RB-30	dunite									◎	◎					◎								△	△			
11	RB-31	lamprophyre			◎			◎	○	△																			△
12	RB-34	harzburgite								○	◎	○					○		·						△	·			
13	RB-35	ironstone	○																									◎	
14	RB-37	gabbro-norite			◎				○	○																○			
15	RB-38	diorite	△		◎			◎												·						○			
16	RB-39	hornblende gabbro			◎			◎	△																	△			
17	RB-41	diorite	△		◎			○	○	△						○				·	△		·			○			
18	RB-42	hornblende gabbro			○			◎	△	△						△					·					△	·		·
19	RB-44	websterite							◎	◎																			
20	RB-45	websterite							◎	◎																			

Abbreviation Q;quartz, Kf;potassium feldspar, Pl;plagioclase, Ms;muscovite, Bi;biotite, Hb;hornblende, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Cr;chromite, Am;amphibole, Se;sericite, Ch;chlorite, Sr;serpentine, Ba;bastite, Ca;carbonate mineral, Ap;apatite, Sp;sphene, Zn;zircon, Ep;epidote, Gr;graphite, Mt;magnetite, Il;ilmenite, He;hematite, Op;opaque mineral

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

Appendix 2 Microscopic observation of rock thin section in area A-1

			Primary mineral											Secondary mineral														
No	Sample No.	Rock name	Q	Kf	Pl	Ms	Bi	Hb	Cpx	Opx	Ol	Sr	Cr	Am	Se	Ch	Sr	Ba	Ca	Ap	Sp	Zc	Ep	Gr	Cr	Mt	Il	He	Op
21	RB-46	dolerite			◎				◎	△											△								△
22	RB-47	websterite							◎	◎	△															△			
23	RB-48	monzonite		◎	◎			○												·									
24	RB-49	hornblende gabbro			◎			◎												·	·					△			
25	RB-50	dolerite			◎				○	△											△								△
26	RB-51	gabbro-norite			◎				○	○																			△
27	RB-52	websterite							◎	○	△															·			
28	RB-53	gabbro			◎				◎	△					○														·
29	RC-03	hornblende porphyrite			◎			○													△								△
30	RC-07	hartzburgite							△	○	○	◎					◎	△	·						△	·			
31	RC-08	lherzolite							△			◎	△				◎	○								△			
32	RC-12	hornblende porphyrite			◎			○												·	·					△	△		△
33	RC-13	lherzolite							○	○	○	◎	△				◎	△	·							·			
34	RC-23	websterite							◎	○																·			
35	RC-30	websterite							◎	◎																·			
36	RC-36	gabbro-norite			◎			△	○	○						○										△	△		
37	RD-01	gabbro-norite			◎			△	○	○				○		○											△		△
38	RD-02	harzburgite							△	○	○	◎					◎	○	·						○	·			
39	RD-04	lherzolite							○	○	○						◎	△	·						△	△			
40	RD-18	harzburgite								◎	○	◎					◎								△	·			

Abbreviation Q;quartz, Kf;potassium feldspar, Pl;plagioclase, Ms;muscovite, Bi;biotite, Hb;hornblende, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Cr;chromite, Am;amphibole, Se;sericite, Ch;chlorite, Sr;serpentine, Ba;bastite, Ca;carbonate mineral, Ap;apatite, Sp;sphene, Zn;zircon, Ep;epidote, Gr;graphite, Mt;magnetite, Il;ilmenite, He;hematite, Op;opaque mineral

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

Appendix 2 Microscopic observation of rock thin section in area A-1

			Primary mineral											Secondary mineral														
No	Sample No.	Rock name	Q	Kf	Pl	Ms	Bi	Hb	Cpx	Opx	Ol	Sr	Cr	Am	Se	Ch	Sr	Ba	Ca	Ap	Sp	Zc	Ep	Gr	Cr	Mt	Il	He	Op
41	RE-01	hornblende gabbro			◎			◎	△											·						△			
42	RE-05	hornblende porphyrite			◎			◎													△								△
43	RE-07	granodiorite porphyry	○	○	◎			△								△				·	·		△			·			
44	RE-09	hornblende porphyrite			◎			○												·									△
45	RE-14	lherzolite							○	○	○	○					◎	○	·						△	·			
46	RE-15	hornblende schist			◎			○																		·			
47	RE-16	gabbro-norite			◎			·	○	○						○					·					○			
48	RE-18	silicified serpentinite	○									○	△				○		◎					△		△			
49	RE-19	lherzolite							○	○	◎		△				◎	△								·			
50	RF-08	websterite							◎	○																·			
51	RF-10	olivine bearing websterite							◎	○	△															△			
52	RF-14	hornblende porphyrite			◎			◎																					△
53	RF-37	harzburgite								△	○	◎					◎	△							△	·			

Abbreviation Q;quartz, Kf;potassium feldspar, Pl;plagioclase, Ms;muscovite, Bi;biotite, Hb;hornblende, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Cr;chromite, Am;amphibole, Se;sericite, Ch;chlorite, Sr;serpentine, Ba;bastite, Ca;carbonate mineral, Ap;apatite, Sp;sphene, Zn;zircon, Ep;epidote, Gr;graphite, Mt;magnetite, Il;ilmenite, He;hematite, Op;opaque mineral

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

Appendix 3 Microscopic observation of polished thin section in area A and A-1

					Primary mineral						Secondary mineral											
Area	No	Sample No.	Rock name	EPMA	Pl	Cpx	Opx	Ol	Sr	Cr	Tr	Ac	Ch	Sr	Ta	Br	Ba	Ca	Sp	Mt	He	Op
A	1	ACB-008	dunite					△	◎	△				◎				△		△		
	2	AFB-001	dunite						◎	△				◎				·		△	△	
	3	BB-10	dunite	○				◎	○	◎				○								
	4	BB-21	chromitite	○					△	◎			○									○
	5	BB-36	chromitite	○					○	◎												
	6	BC-24	chromitite	○		○				◎												
	7	BC-33	chromitite	○				·	◎	◎												△
	8	BD-08	chromitite	○					△	◎			○									△
A-1	1	BB-09	dunite	○				◎	○	○				○								
	2	BB-12	chromitite						○	◎												△
	3	BB-14	chromitite						△	◎								·				
	4	BB-15	chromitite			○			△	◎												
	5	BB-20	chromitite						△	◎						·						△
	6	BB-22	chromitite	○			○	○	○	◎				○		△	△					△
	7	BB-40	chromitite						△	◎			○			·						·
	8	BB-43	dunite			△		○	◎	△				◎				·				
	9	BC-25	serpentinite	○					◎	◎									△	△		
	10	BC-26	chromitite	○					○	◎	△	△										
	11	BC-27	chromitite						△	◎			△									
	12	BC-32	chromitite	○					△	◎			○									△
	13	BC-34	chromitite						◎	◎										·		△
	14	BC-35	chromitite	○					△	◎	△	△										
	15	BC-37	chromitite	○	○					◎	△	△										
	16	BD-09	chromitite	○					○	◎												△
	17	BD-10	chromitite	○					○	◎		○										△
	18	BD-11	chromitite	○					○	◎	○		△			·						

Abbreviation Pl:plagioclase, Cpx:clinopyroxene, Opx:orthopyroxene, Ol:olivine, Sr:serpentine, Cr:chromite, Tr:tremolite, Ac:actinolite, Ch:chlorite, Ta:talc, Br:brucite, Ba:bastite, Ca:carbonate mineral, Sp:spinel, Mt:magnetite, He:hematite, Op:opaque mineral

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

Appendix 4 Chemical analyses of test pit samples in area A-1

Bacungan area

No.	Pit No. - Sample No.	depth	Pd (ppb)	Pt (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
1	BC01-1	0.0 - 0.5	48	75	42	5340	33000	43.0	485
2	BC01-2	0.5 - 1.5	56	80	12	5860	54000	43.0	536
3	BC01-3	1.5 - 2.5	48	90	12	6940	45000	47.0	720
4	BC01-4	2.5 - 3.5	56	80	12	7510	65000	46.0	786
5	BC01-5	3.5 - 4.5	42	50	14	10100	45000	38.0	124
6	BC02-1	0.0 - 0.8	28	30	12	5430	29000	44.0	361
7	BC02-2	0.8 - 1.8	28	40	18	6880	30000	50.0	393
8	BC02-3	1.8 - 2.2	36	35	14	7670	56000	38.0	300
9	BC02-4	2.2 - 2.9	18	30	56	10600	62000	29.0	1980
10	BC02-5	2.9 - 3.7	12	20	4	6260	10000	16.3	342
11	BC02-6	3.7 - 4.6	24	15	12	5780	2100	14.3	266
12	BC03-1	0.0 - 1.0	42	65	40	7960	28000	55.0	976
13	BC03-2	1.0 - 2.0	44	65	44	9300	25000	55.0	990
14	BC03-3	2.0 - 3.0	46	60	76	8740	28000	52.0	1110
15	BC03-4	3.0 - 4.0	36	55	48	8750	20000	46.0	820
16	BC04-1	0.0 - 1.0	40	55	78	5910	27000	52.0	442
17	BC04-2	1.0 - 2.0	38	60	54	6110	20000	54.0	509
18	BC04-3	2.0 - 3.0	40	65	28	6300	24000	54.0	395
19	BC04-4	3.0 - 4.0	38	55	18	6660	18000	56.0	349
20	BC04-5	4.0 - 5.2	40	65	14	7170	24000	53.0	538
21	BC05-1	0.0 - 1.0	34	50	16	4230	25000	46.0	344
22	BC05-2	1.0 - 2.0	30	45	8	4090	22000	45.0	305
23	BC05-3	2.0 - 3.0	14	20	12	3480	18000	29.0	562
24	BC05-4	3.0 - 4.0	14	45	12	6220	17000	48.0	1130
25	BC05-5	4.0 - 5.0	24	45	8	7910	18000	41.0	647
26	BC06-1	0.0 - 0.6	60	80	8	5170	63000	50.0	657
27	BC06-2	0.6 - 1.6	58	80	10	5970	47000	54.0	635
28	BC06-3	1.6 - 2.6	52	80	8	5960	43000	54.0	521
29	BC06-4	2.6 - 3.6	52	75	<4	6780	41000	65.0	559
30	BC06-5	3.6 - 4.6	42	60	16	9200	53000	50.0	644
31	BC07-1	0.0 - 1.0	40	45	10	6100	17000	57.0	343
32	BC07-2	1.0 - 2.0	48	70	14	6680	23000	65.0	565
33	BC07-3	2.0 - 3.0	48	75	22	6800	18000	57.0	727
34	BC07-4	3.0 - 4.0	44	85	12	7320	55000	46.0	783
35	BC08-0	0.0 - 0.1	38	60	60	5390	22000	61.0	523
36	BC08-1	0.1 - 1.0	38	65	32	6450	17000	65.0	793
37	BC08-2	1.0 - 2.0	36	60	28	6890	23000	65.0	882
38	BC08-3	2.0 - 3.0	34	65	30	7190	24000	67.0	1260
39	BC08-4	3.0 - 4.0	50	60	30	6440	16000	66.0	1370
40	BC08-5	4.0 - 5.0	46	75	44	7420	20000	56.0	2190
41	BC09-1	0.0 - 0.6	26	35	10	5950	21000	65.0	522
42	BC09-2	0.6 - 1.6	26	40	16	6420	21000	72.0	611
43	BC09-3	1.6 - 2.6	22	40	4	5780	17000	66.0	464
44	BC09-4	2.6 - 3.6	24	35	10	5640	16000	65.0	554
45	BC09-5	3.6 - 4.6	24	40	12	6310	14000	66.0	1110
46	BC09-6	4.6 - 5.6	20	35	26	8060	13000	64.0	1580
47	BC09-7	5.6 - 6.6	20	15	<4	11400	11000	58.0	1290
48	BC10-1	0.0 - 1.0	42	55	14	8520	13000	49.0	536
49	BC11-1	0.0 - 1.3	22	30	4	7890	11000	40.0	524

Area A-1

No.	Pit No. - Sample No.	depth	Pd (ppb)	Pt (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
50	PA01-1	0.0 - 0.3	<2	5	2	5100	12000	24.0	480
51	PA01-2	0.3 - 0.9	16	35	38	6100	5900	29.0	460
52	PA01-3	0.9 - 1.4	<2	5	<2	6700	5000	30.0	470
53	PA01-4	1.4 - 1.9	34	55	20	7600	3500	24.0	460
54	PA01-5	1.9 - 2.4	34	25	54	7100	3800	15.4	270
55	PC01-1	0.0 - 0.1	34	30	16	2490	27000	19.6	158
56	PC01-2	0.1 - 0.5	68	70	12	3230	11000	36.0	474
57	PC01-3	0.5 - 1.0	62	80	44	3410	12000	35.0	428
58	PC01-4	1.0 - 1.5	62	75	20	3250	9400	34.0	284
59	PC01-5	1.5 - 2.0	60	55	16	2730	4800	30.0	179
60	PC01-6	2.0 - 2.5	46	60	14	2680	5300	17.3	224
61	PC02-1	0.0 - 0.1	12	30	2	4950	18000	44.0	424
62	PC02-2	0.1 - 0.5	18	30	34	5700	15000	52.0	421

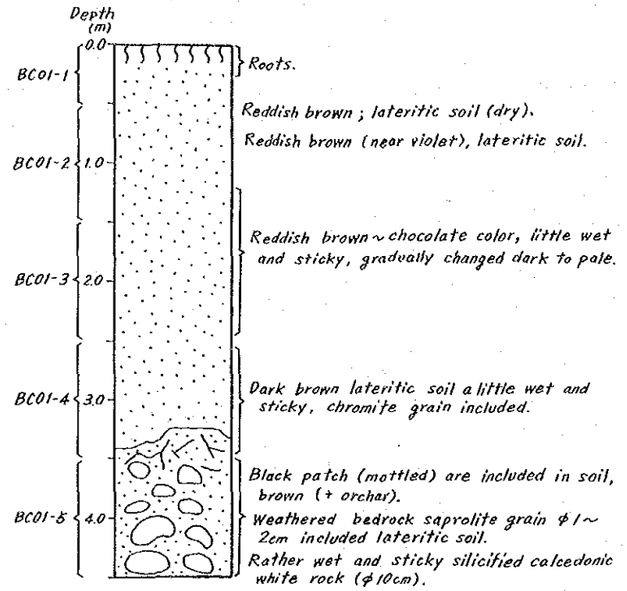
Appendix 4 Chemical analyses of test pit samples in area A-1

63	PC02-3	0.5 - 1.0	28	30	14	5950	13000	55.0	462
64	PC02-4	1.0 - 1.5	24	45	18	6310	12000	58.0	586
65	PC02-5	1.5 - 2.0	18	30	12	6880	19000	55.0	676
66	PC02-6	2.0 - 2.5	34	40	28	6560	15000	52.0	542
67	PC03-1	0.0 - 0.4	16	50	26	8060	38000	53.0	807
68	PC03-2	0.4 - 0.9	8	15	24	10300	11000	36.0	471
69	PC03-3	0.9 - 1.4	20	40	20	8540	5200	23.0	552
70	PC03-4	1.4 - 1.8	<6	25	10	10000	3600	22.0	751
71	PC04-1	0.0 - 0.2	34	50	16	6020	21000	64.0	629
72	PC04-2	0.2 - 0.7	40	50	16	5830	17000	68.0	595
73	PC04-3	0.7 - 1.2	8	20	6	8500	6500	37.0	425
74	PC04-4	1.2 - 1.7	4	10	10	8630	4100	16.8	350
75	PC04-5	1.7 - 2.2	4	10	<4	7270	3800	34.0	345
76	PC05-1	0.0 - 0.2	20	50	16	5750	36000	50.0	637
77	PC05-2	0.2 - 0.7	20	30	<4	6290	20000	51.0	609
78	PC05-3	0.7 - 1.2	20	30	16	6000	15000	42.0	534
79	PC06-1	0.0 - 0.2	42	90	10	5360	51000	50.0	784
80	PC06-2	0.2 - 0.7	38	40	10	6680	41000	51.0	716
81	PC06-3	0.7 - 1.2	20	25	8	7830	12000	36.0	393
82	PC06-4	1.2 - 1.7	12	20	8	7890	10000	18.8	385
83	PC07-1	0.0 - 0.4	10	20	10	6150	59000	44.0	655
84	PC07-2	0.4 - 0.9	10	30	<2	6720	36000	47.0	786
85	PC07-3	0.9 - 1.4	6	30	14	8620	11000	31.0	1170
86	PC07-4	1.4 - 1.9	2	10	8	7850	8300	17.3	422
87	PC07-5	1.9 - 2.4	<2	10	<2	6910	7300	14.7	481
88	PC08-1	0.0 - 0.4	58	65	14	4660	50000	56.0	586
89	PC08-2	0.4 - 0.9	84	80	30	4840	35000	58.0	447
90	PC09-1	0.0 - 0.1	20	35	4	4650	63000	41.0	726
91	PC09-2	0.1 - 0.6	24	35	4	5350	44000	41.0	656
92	PD01-1	0.0 - 0.1	2	15	<2	6600	63000	23.0	560
93	PD01-2	0.1 - 0.5	2	15	4	9300	38000	23.0	530
94	PD01-3	0.5 - 1.0	2	10	<2	10900	15000	24.0	460
95	PD01-4	1.0 - 1.5	<2	5	<2	9400	10000	17.7	390
96	PD01-5	0.0 - 0.6	<2	5	<2	12800	26000	35.0	510
97	PD02-1	0.0 - 0.1	8	20	2	9500	43000	35.0	750
98	PD02-2	0.1 - 0.5	4	10	2	11400	28000	34.0	590
99	PD02-3	0.5 - 1.0	14	5	<2	8300	24000	17.0	390
100	PD02-4	1.0 - 1.5	14	<5	<2	7300	15000	17.3	390
101	PD02-5	1.5 - 2.0	46	20	6	6200	3200	13.7	400
102	PD03-1	0.0 - 0.1	50	45	<2	8700	20000	43.0	520
103	PD03-2	0.1 - 0.5	100	65	22	10500	15000	47.0	600
104	PD03-3	0.5 - 1.0	84	65	14	11000	14000	46.0	640
105	PD03-4	1.0 - 1.5	82	60	22	11200	10000	35.0	580
106	PD03-5	1.5 - 2.1	4	10	4	12400	10000	31.0	600
107	PD04-1	0.0 - 0.9	12	30	<4	8300	68000	24.0	740
108	PD04-2	0.0 - 0.5	4	10	14	12300	22000	19.7	340
109	PD04-3	0.5 - 1.0	8	10	<4	10600	4300	14.1	280
110	PD04-4	1.0 - 1.6	20	<10	<4	9400	19000	15.3	260
111	PD04-5	0.0 - 1.1	6	15	<2	11500	4000	17.8	440
112	PD05-1	0.0 - 0.2	56	<10	20	5000	23000	17.8	570
113	PD05-2	0.2 - 0.5	100	140	30	3800	4500	13.4	350
114	PD05-3	0.5 - 1.0	30	30	22	7500	3200	15.0	290
115	PD05-4	1.0 - 1.5	28	20	20	6200	4300	12.9	170
116	PD05-5	0.0 - 1.1	8	20	2	4700	4500	14.6	430
117	PD06-1	0.0 - 0.5	8	20	<2	4100	12000	14.6	450
118	PD06-2	0.5 - 0.9	6	20	2	5200	2300	12.2	200
119	PD06-3	0.0 - 0.5	2	10	4	4900	5800	14.4	410
120	PD06-4	0.5 - 1.0	<2	<5	<2	5300	3500	13.8	390
121	PD06-5	1.0 - 1.5	4	10	2	6200	1600	16.1	230
122	PE01-1	0.0 - 0.2	30	15	<6	4200	17000	34.0	570
123	PE01-2	0.2 - 0.7	20	10	4	4200	14000	34.0	370
124	PE01-3	0.7 - 1.2	<2	10	6	4100	19000	32.0	450
125	PE01-4	1.2 - 1.7	<2	5	<2	4300	19000	30.0	740
126	PE01-5	1.7 - 2.2	<2	5	<2	5700	27000	40.0	890
127	PE02-1	0.0 - 0.2	4	5	6	4400	23000	40.0	260
128	PE02-2	0.2 - 0.7	44	90	10	5200	15000	43.0	920
129	PE02-3	0.7 - 1.2	84	110	4	5800	14000	46.0	1480
130	PE02-4	1.2 - 1.7	22	20	4	7600	5000	42.0	1020
131	PE02-5	1.7 - 2.2	20	20	<4	8400	11000	46.0	930
132	PE03-1	0.0 - 0.2	32	50	4	3300	12000	26.0	200
133	PE03-2	0.2 - 0.7	20	50	8	4600	14000	33.0	350
134	PE03-3	0.7 - 1.2	12	15	<2	7100	5000	31.0	440
135	PE03-4	1.2 - 1.7	22	35	2	8200	3200	23.0	420

Appendix 4 Chemical analyses of test pit samples in area A-1

136	PE03-5	1.7 - 2.2	16	25	2	9000	1000	16.7	280
137	PE04-1	0.0 - 0.2	20	20	4	4000	17000	27.0	170
138	PE04-2	0.2 - 0.7	8	15	6	4200	10000	29.0	270
139	PE04-3	0.7 - 1.2	8	10	<4	3800	12000	27.0	360
140	PE04-4	1.2 - 1.7	2	5	<2	3800	16000	26.0	580
141	PE04-5	1.7 - 2.2	18	<10	<4	4400	12000	25.0	350
142	PE05-1	0.0 - 0.2	8	15	<4	4200	40000	33.0	160
143	PE05-2	0.2 - 0.7	4	20	<4	4200	30000	34.0	250
144	PE05-3	0.7 - 1.2	8	10	<2	4600	25000	37.0	310
145	PE05-4	1.2 - 1.7	12	15	<4	4200	30000	35.0	200
146	PE05-5	1.7 - 2.2	10	10	<10	3800	34000	36.0	170
147	PE06-1	0.0 - 0.2	10	15	<2	5700	18000	38.0	830
148	PE06-2	0.2 - 0.7	24	20	6	4400	14000	33.0	590
149	PE06-3	0.7 - 1.2	24	20	4	6200	23000	40.0	980
150	PE06-4	1.2 - 1.7	18	20	<4	7400	19000	44.0	1270
151	PE06-5	1.7 - 2.2	22	30	<4	7900	12000	43.0	960
152	PF01-0	0.0 - 0.5	42	40	<4	5200	13000	56.0	353
153	PF01-1	0.5 - 1.0	44	45	<4	4570	13000	45.0	393
154	PF01-2	1.0 - 2.0	46	40	<4	6270	10000	48.0	415
155	PF01-3	2.0 - 3.0	40	40	<4	5320	9300	48.0	489
156	PF01-4	3.0 - 4.0	18	25	<4	6300	6400	47.0	466
157	PF01-5	4.0 - 5.0	22	25	<4	6240	9500	51.0	553
158	PF02-0	0.0 - 0.3	26	30	<4	5890	14000	39.0	370
159	PF02-1	0.3 - 1.0	34	35	<4	6070	11000	44.0	393
160	PF02-2	1.0 - 2.0	32	35	<4	6240	10000	48.0	393
161	PF02-3	2.0 - 3.0	48	40	<12	6340	10000	44.0	426
162	PF02-4	3.0 - 4.0	32	30	<4	6460	8000	37.0	520
163	PF03-0	0.0 - 0.5	30	45	<4	5210	14000	44.0	393
164	PF03-1	0.5 - 1.0	36	50	<4	6140	46000	56.0	514
165	PF03-2	1.0 - 2.0	64	75	<4	6300	11000	31.0	600
166	PF03-3	2.0 - 3.0	36	45	<4	7200	10000	32.0	570
167	PF03-4	3.0 - 4.0	34	<10	<4	3500	900	9.9	140
168	PF04-0	0.0 - 0.3	32	35	<4	7700	18000	37.0	680
169	PF04-1	0.3 - 1.0	34	45	16	9200	16000	38.0	590
170	PF04-2	1.0 - 2.0	36	50	12	11300	15000	41.0	660
171	PF04-3	2.0 - 3.0	32	50	12	13000	12000	29.0	560
172	PF05-0	0.0 - 0.3	14	35	<4	6100	22000	35.0	480
173	PF05-1	0.3 - 1.0	20	45	<4	7800	18000	35.0	590
174	PF05-2	1.0 - 2.0	8	35	<4	9300	25000	33.0	550
175	PF05-3	2.0 - 3.0	12	30	<4	7600	23000	31.0	460
176	PF05-4	3.0 - 4.0	10	25	4	7600	18000	31.0	470
177	PF06-0	0.0 - 0.3	22	40	<4	7500	19000	42.0	680
178	PF06-1	0.3 - 1.0	22	45	<4	8000	19000	50.0	750
179	PF06-2	1.0 - 2.0	12	20	<4	7400	18000	53.0	610
180	PF06-3	2.0 - 3.0	28	50	4	9600	16000	48.0	3670
181	PF06-4	3.0 - 4.0	12	30	<12	18900	13000	35.0	800
182	PF06-5	4.0 - 5.0	8	15	<2	27000	10000	39.0	840
183	PF07-0	0.0 - 0.2	20	40	4	7300	20000	36.0	560
184	PF07-1	0.2 - 1.0	24	45	<4	10000	15000	38.0	500
185	PF07-2	1.0 - 2.0	22	50	<2	11200	14000	39.0	610
186	PF08-0	0.9 - 0.5	18	40	<2	4000	49000	27.0	360
187	PF08-1	0.5 - 1.0	16	45	<2	3900	52000	26.0	320
188	PF09-0	0.0 - 0.2	12	35	<4	4300	43000	26.0	390
189	PF09-1	0.2 - 1.0	18	30	<2	5100	37000	32.0	400
190	PF09-2	1.0 - 2.0	20	40	6	6100	13000	33.0	530
191	PF09-3	2.0 - 3.0	30	55	<2	6400	15000	32.0	490
192	PF10-0	0.0 - 0.2	96	75	20	3300	15000	34.0	200
193	PF10-1	0.2 - 1.0	80	70	6	3900	17000	37.0	340
194	PF10-2	1.0 - 2.0	40	40	<2	4600	17000	29.0	310
195	PF10-3	2.0 - 3.0	56	30	<2	5000	21000	37.0	460
196	PF10-4	3.0 - 4.0	84	60	2	5400	27000	41.0	250
197	PF10-5	4.0 - 5.0	180	120	20	4400	19000	46.0	100

BC 01



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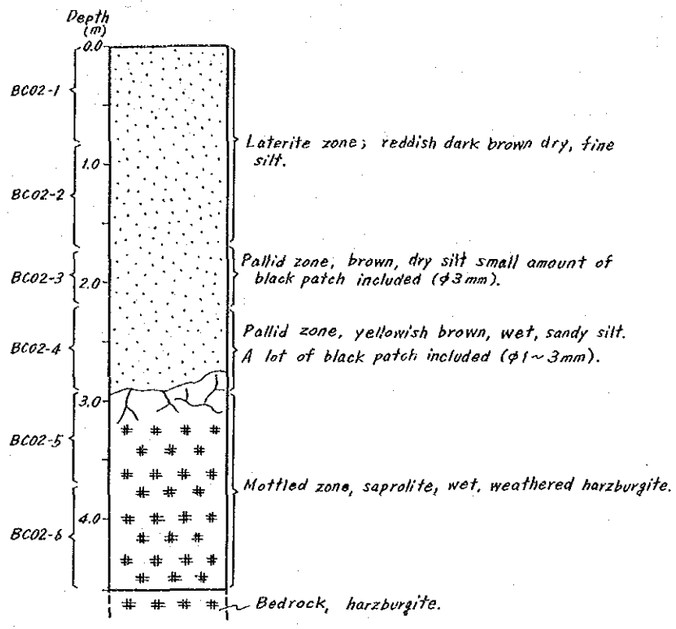
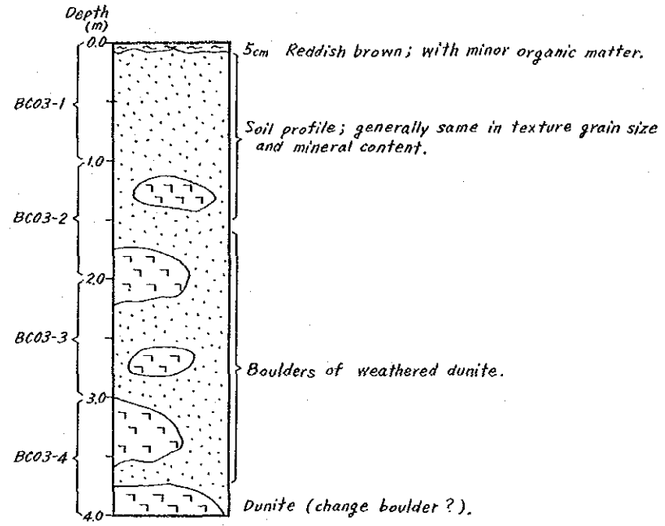


BC 03



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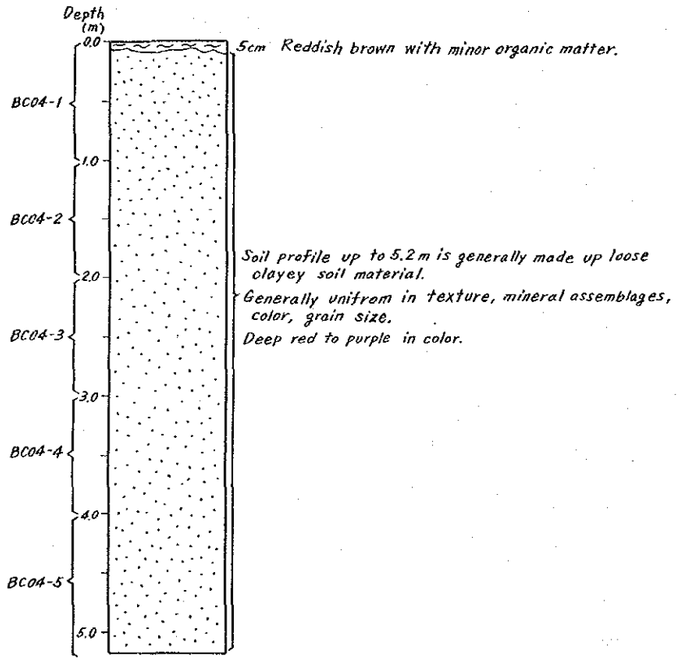

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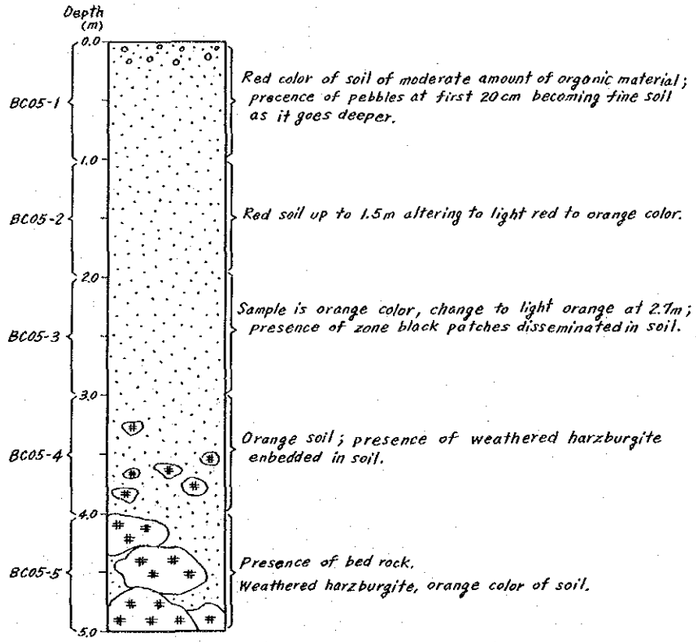

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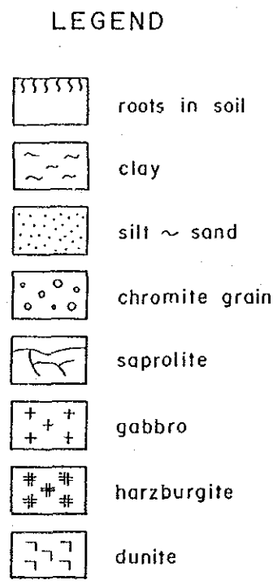
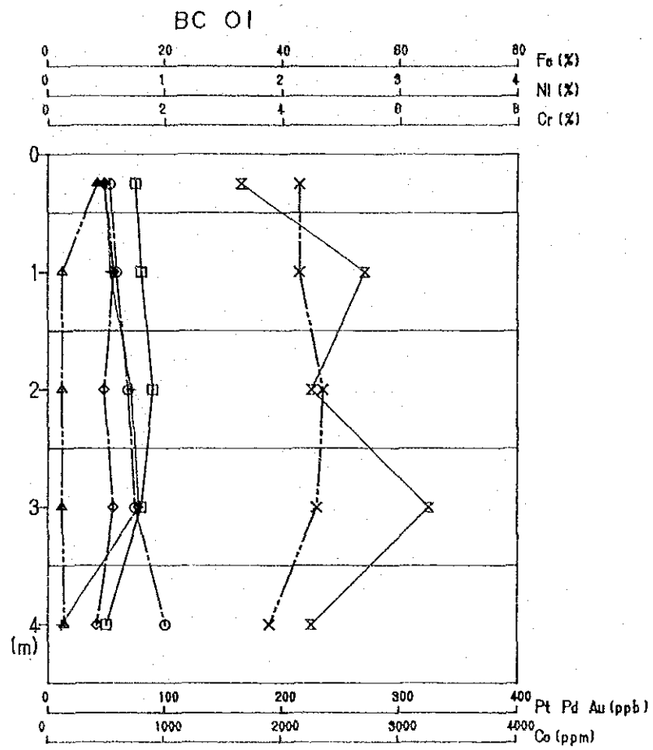
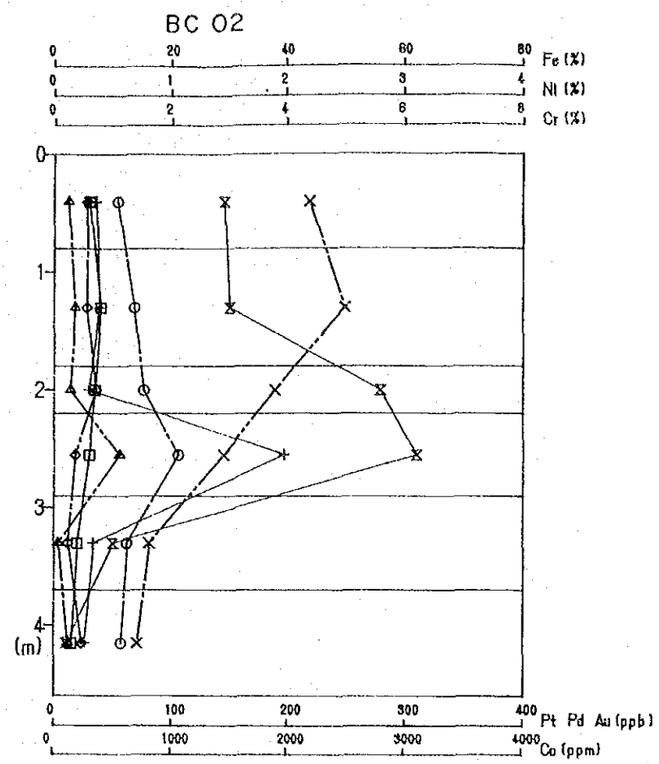
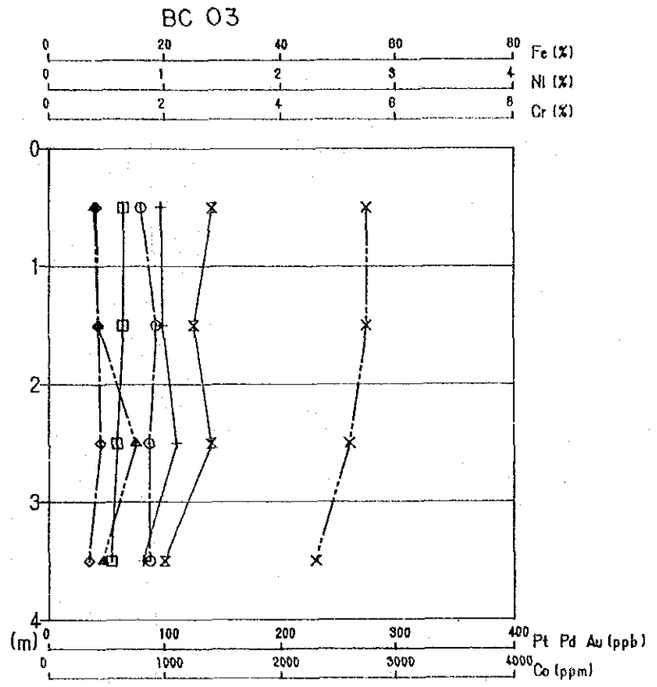
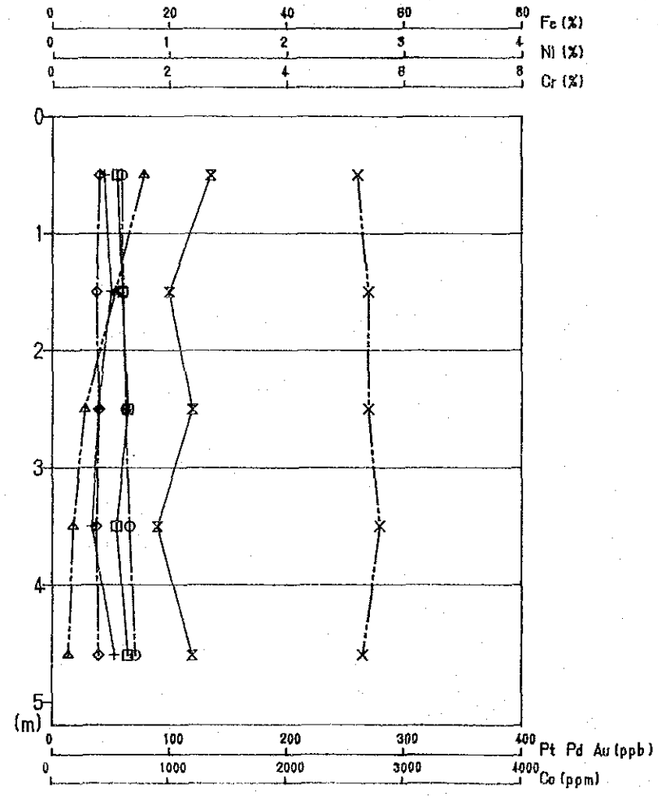


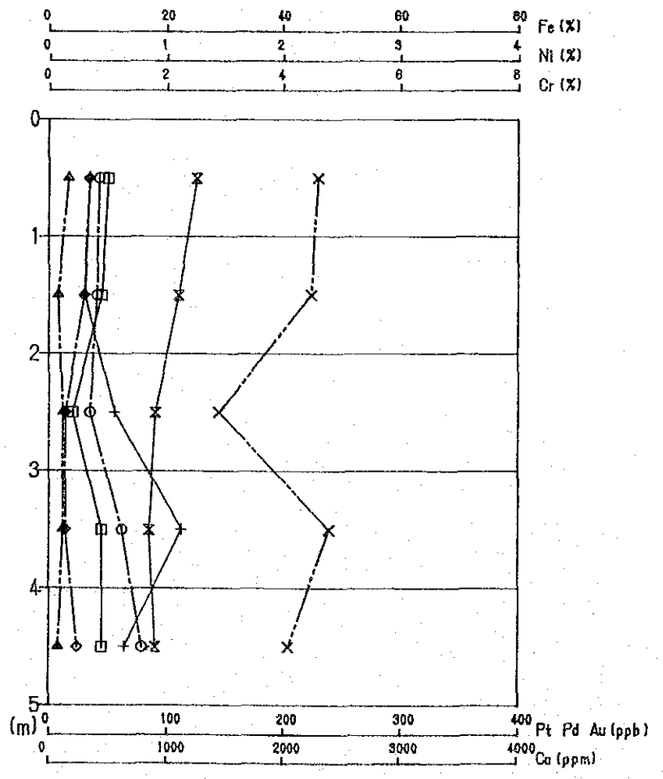
Appendix 5 Profile of test pits in area A-1

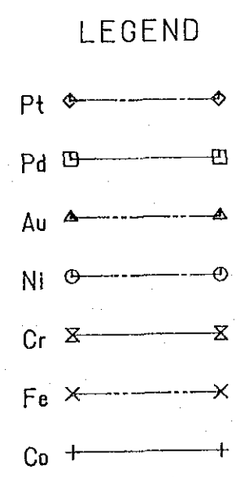






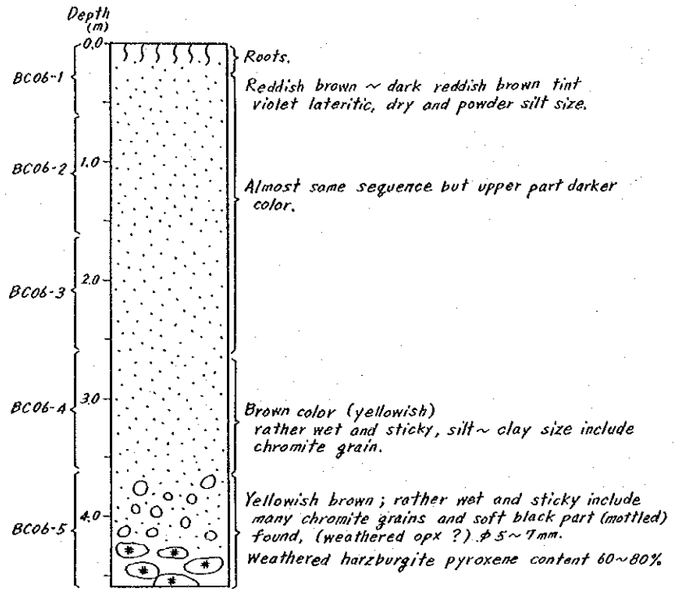




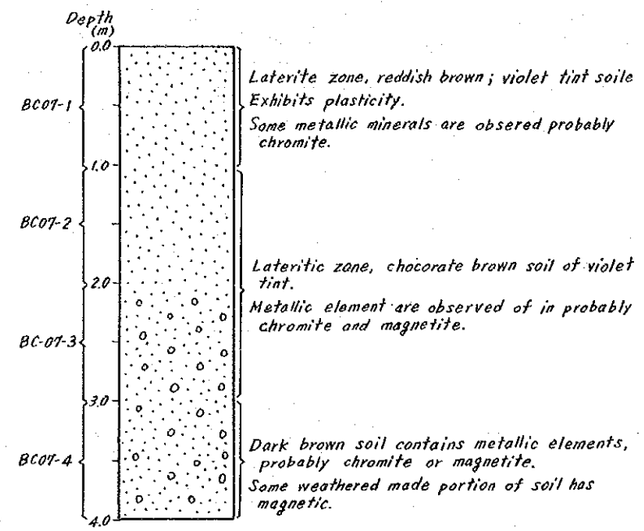


Appendix 5 Profile of test pits in area A-1

BC 06



BC 07



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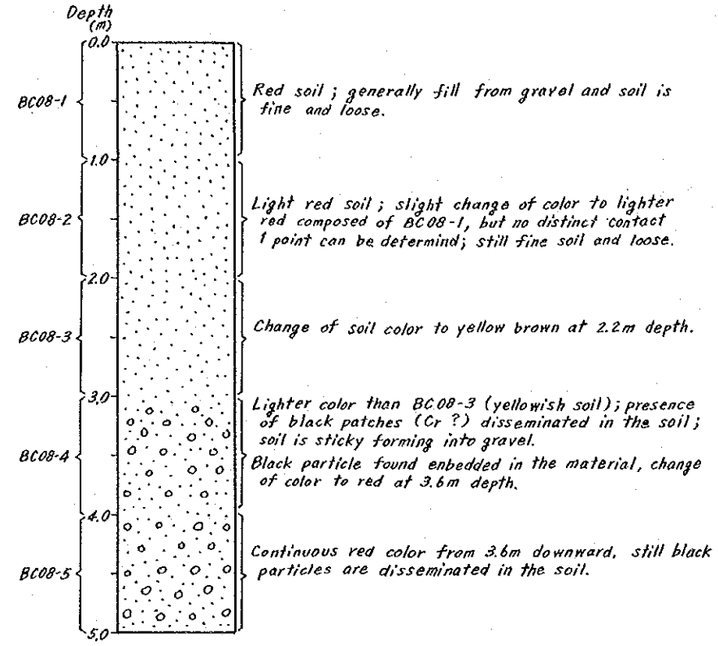

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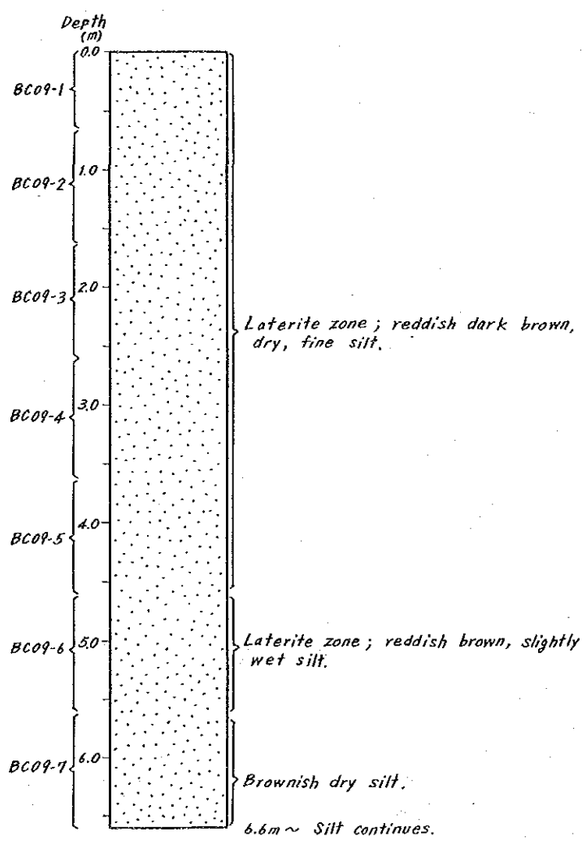
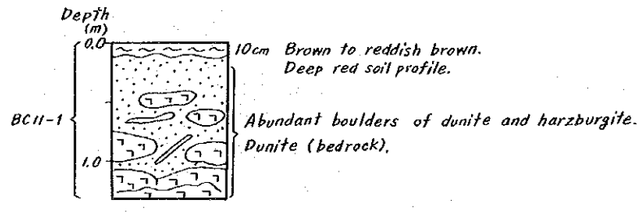


BC 10

BC 11



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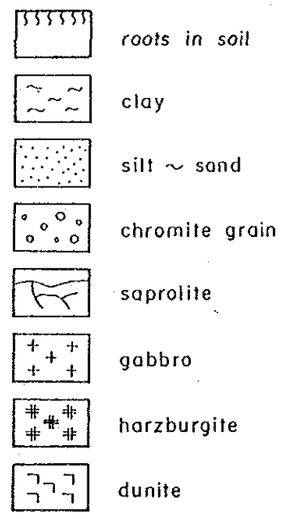
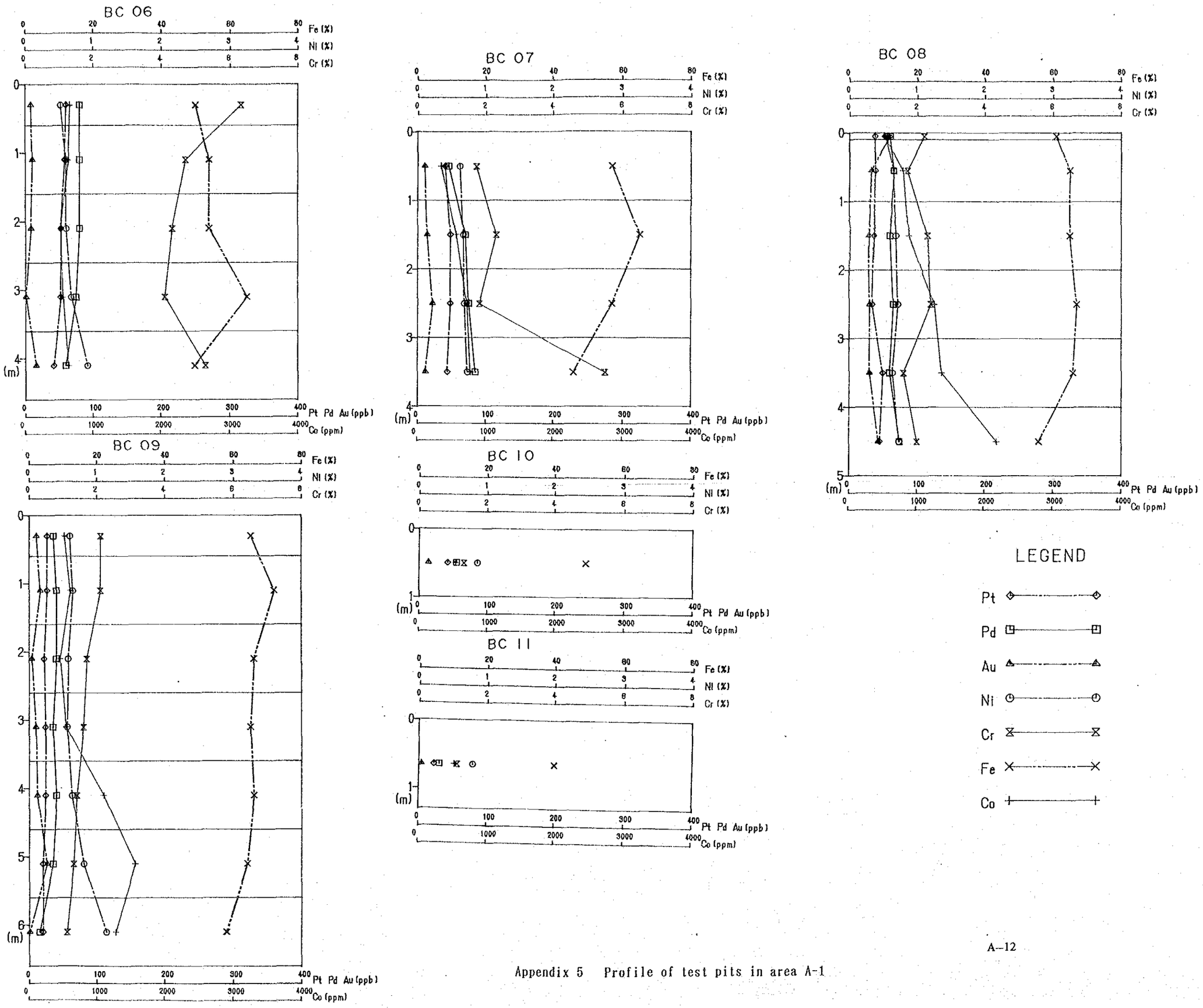
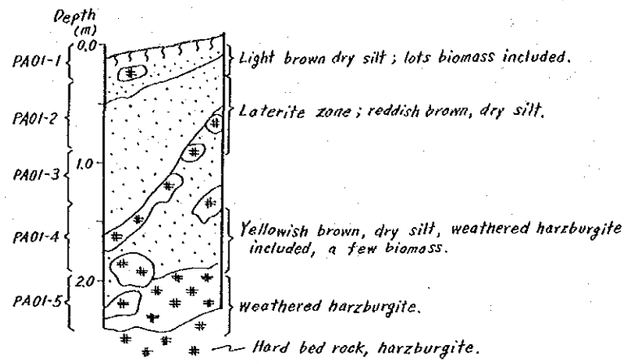


Appendix 5 Profile of test pits in area A-1

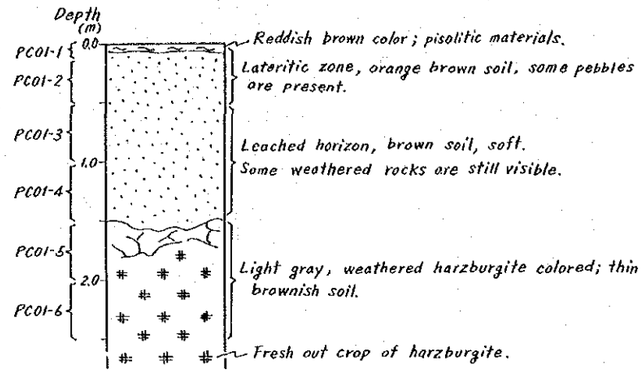


Appendix 5 Profile of test pits in area A-1

PA 01



PC 01



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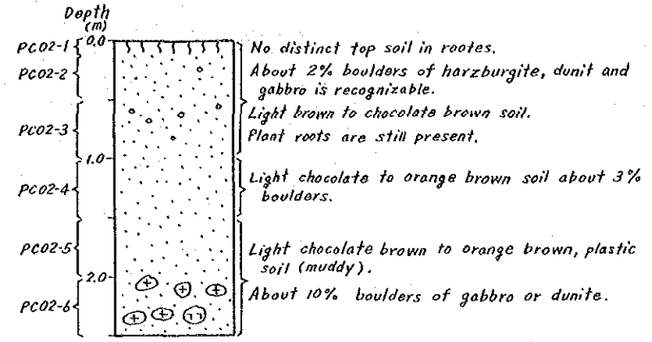

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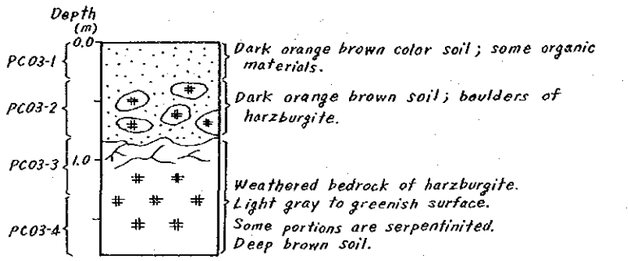
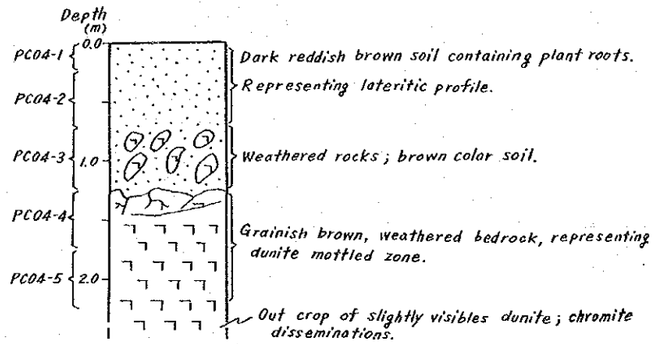


PC 04



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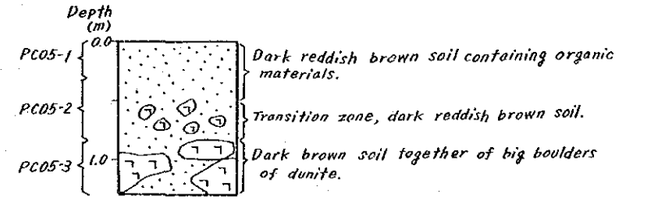
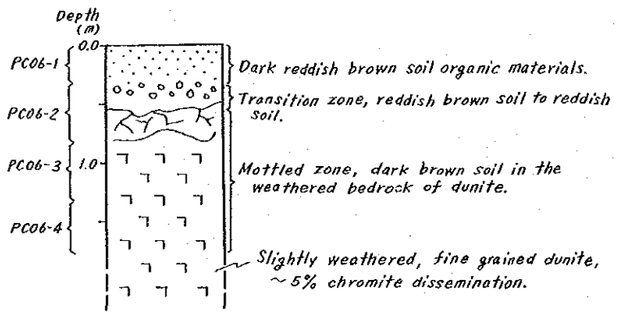
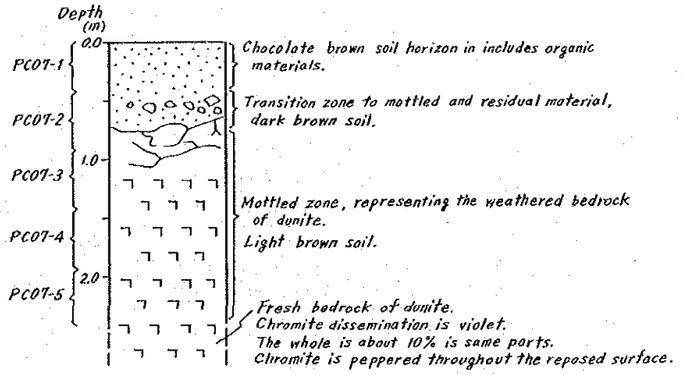


PC 06



PC 07



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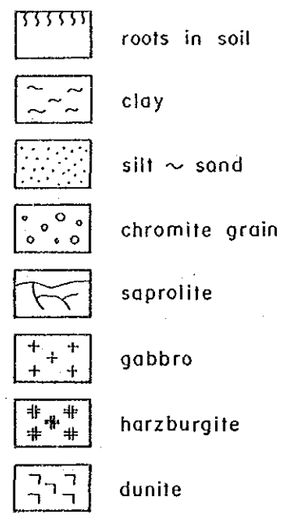
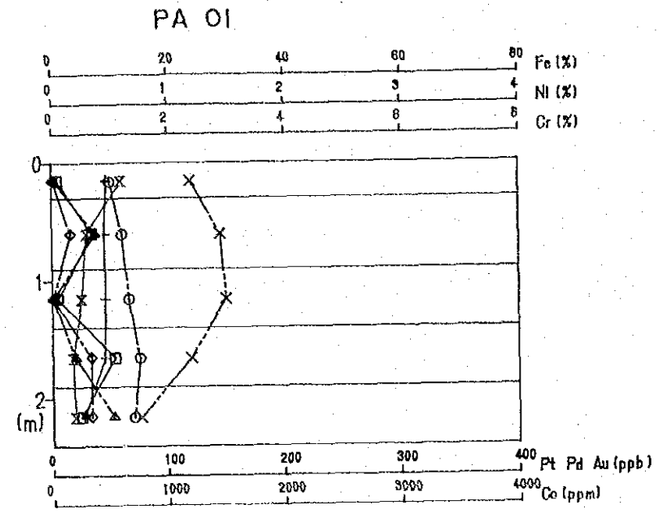
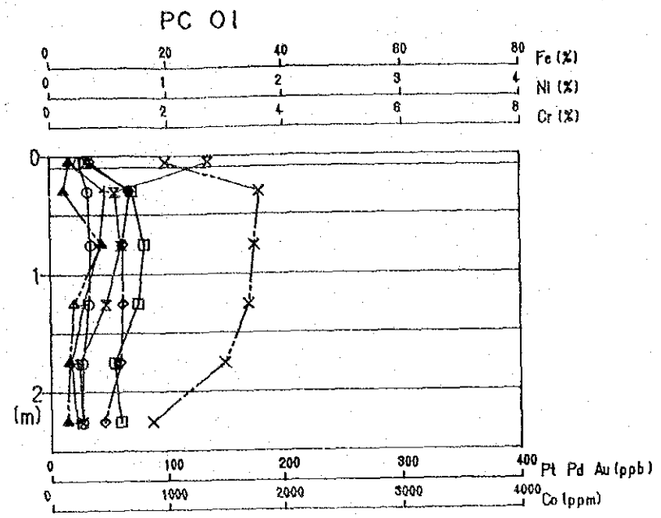
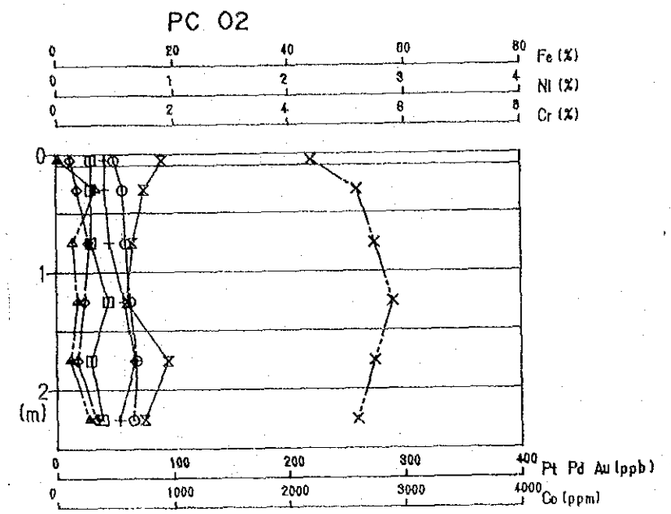
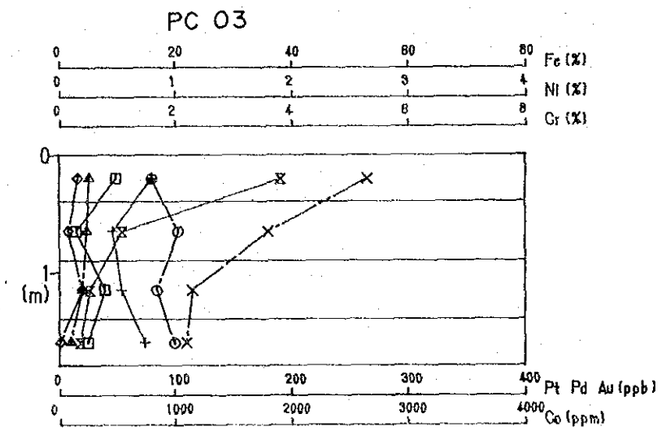


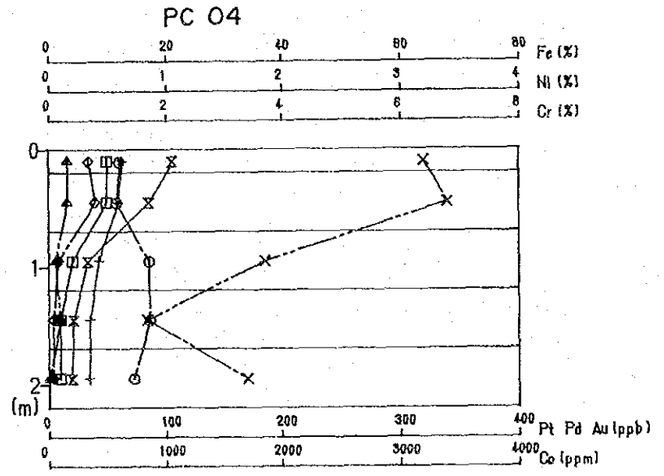
Appendix 5 Profile of test pits in area A-1

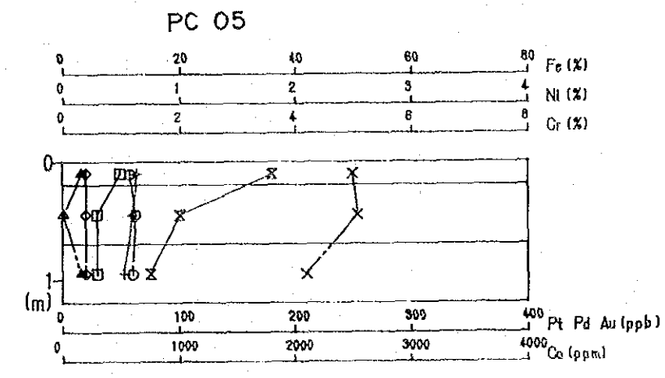


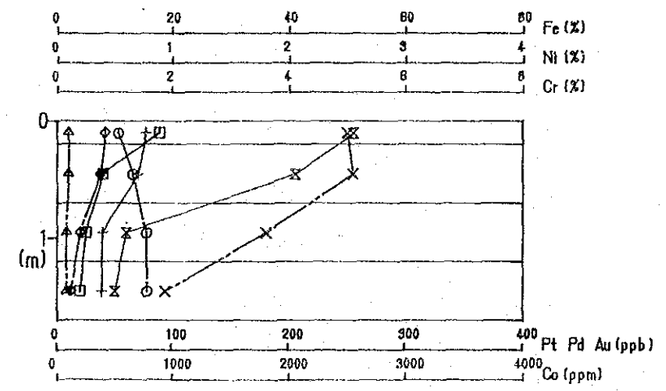


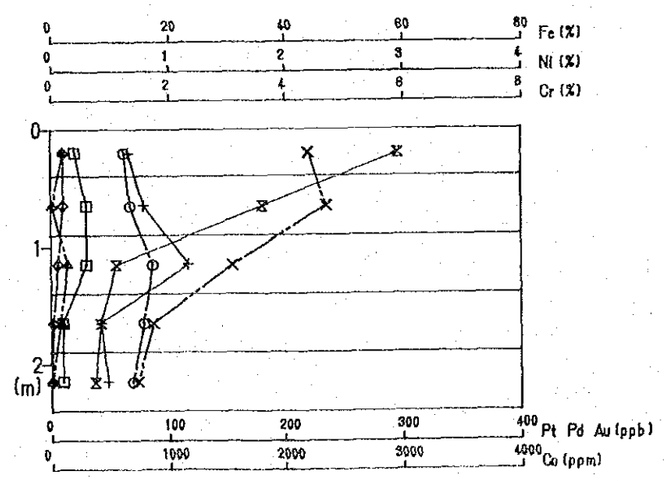


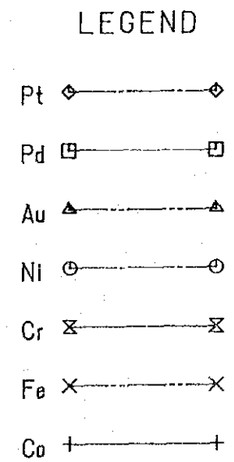






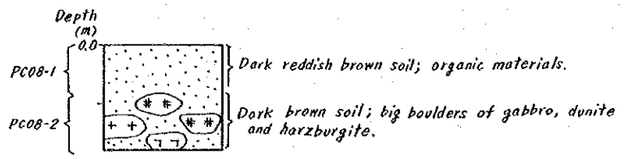




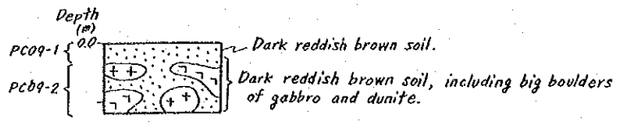


Appendix 5 Profile of test pits in area A-1

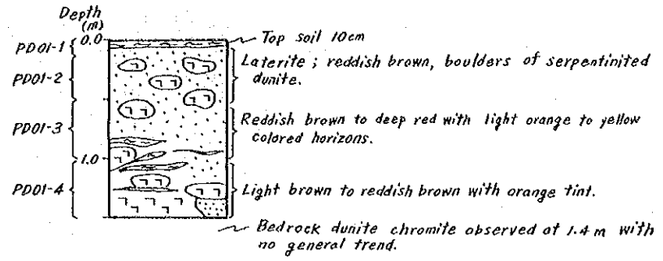
PC 08



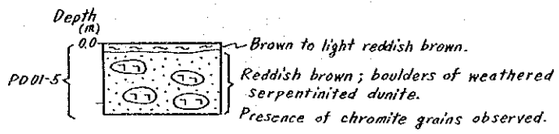
PC 09



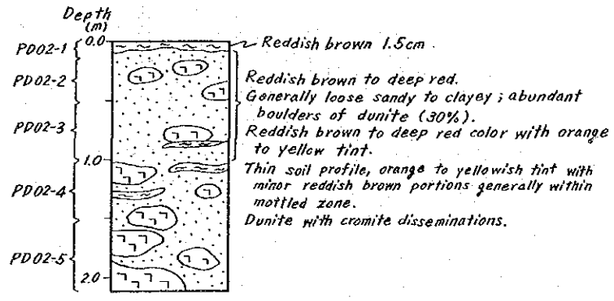
PD 01



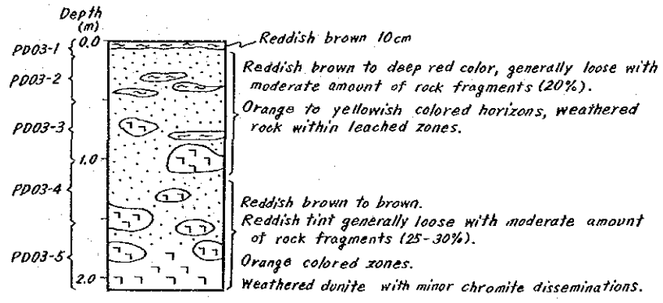
PD 01-A



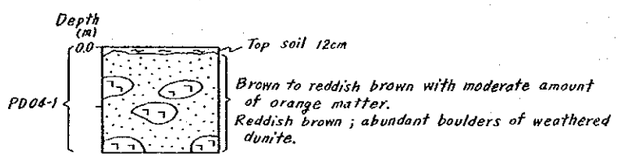
PD 02



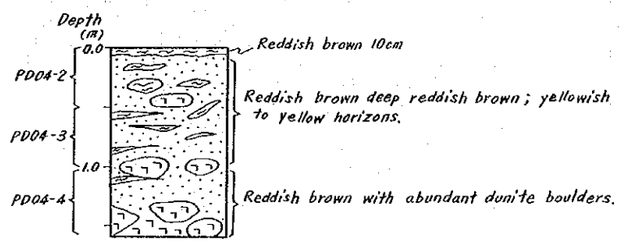
PD 03



PD 04-A



PD 04-B



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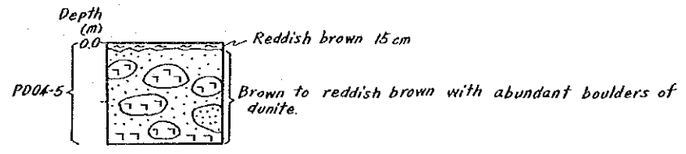
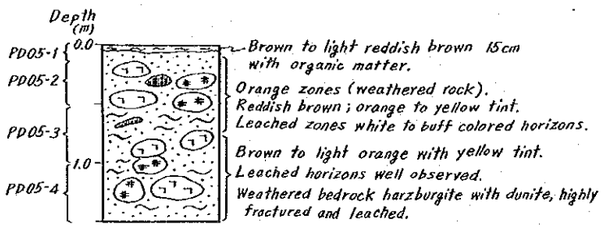
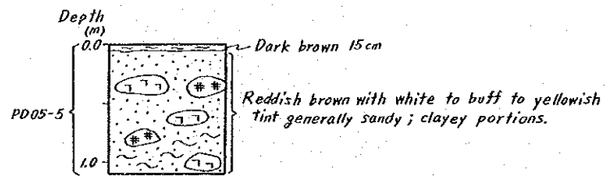


PD 05



PD 05-A



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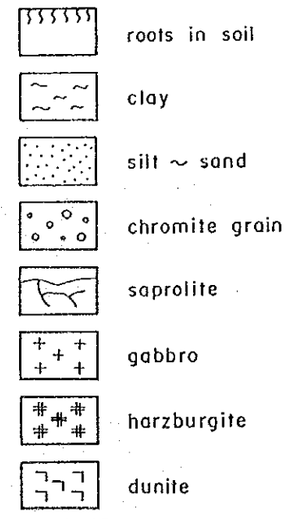
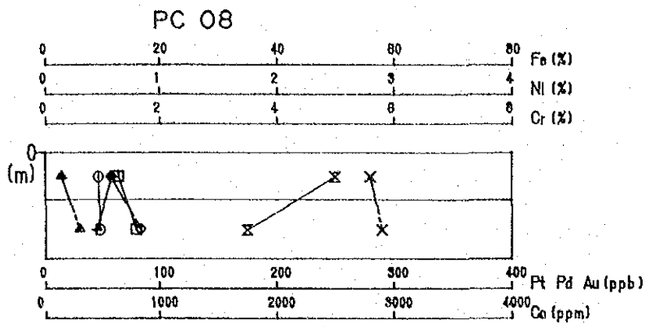
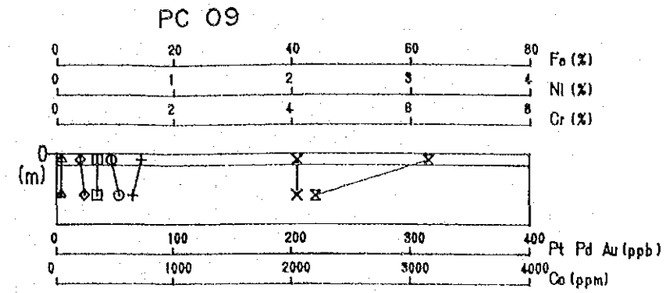
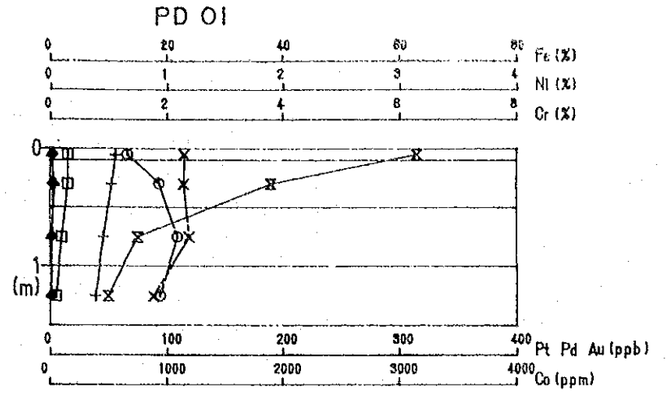
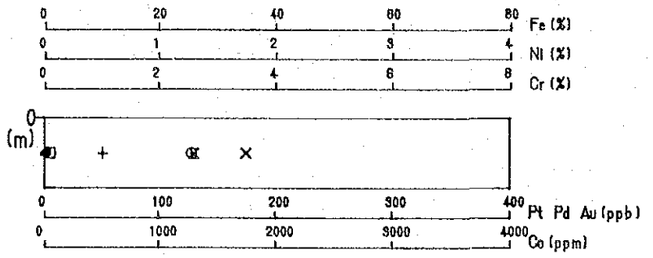


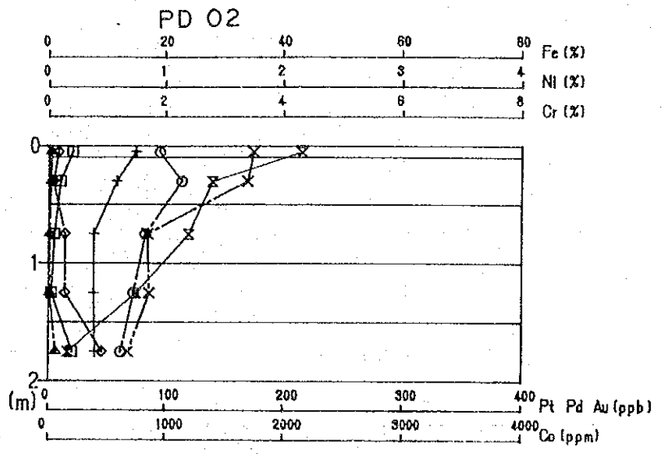
Appendix 5 Profile of test pits in area A-1

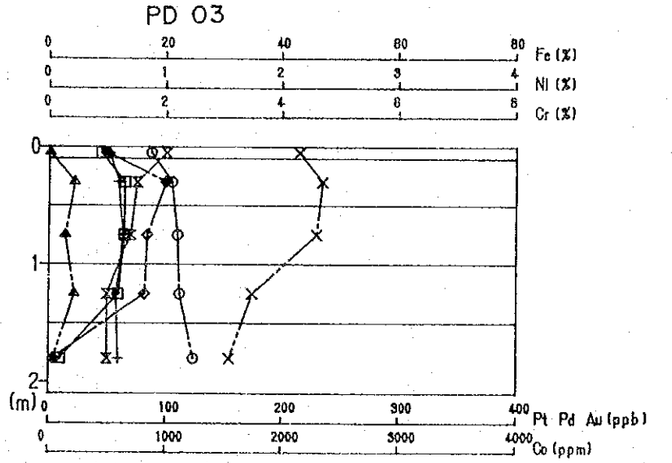


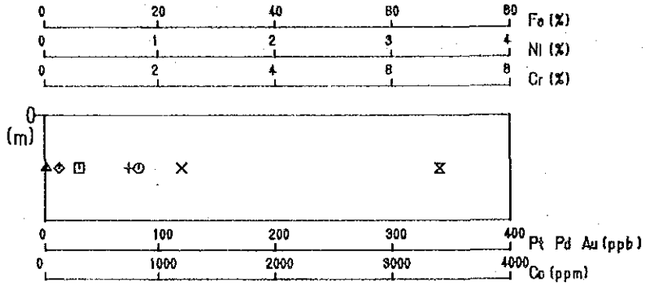


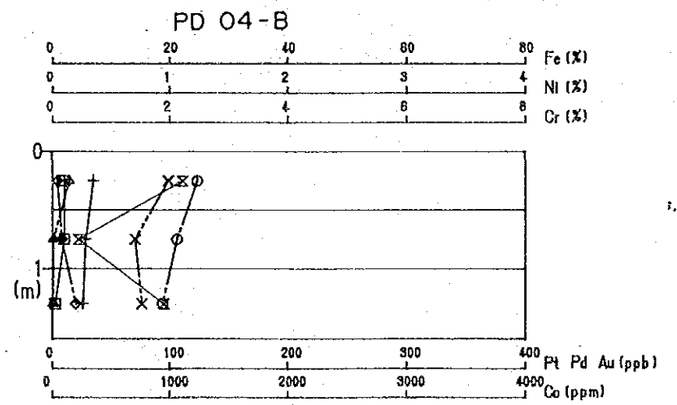


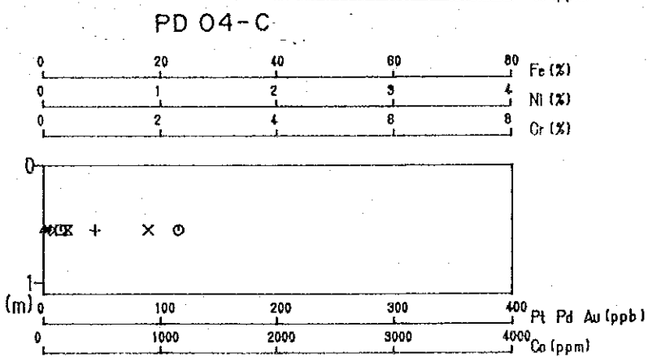


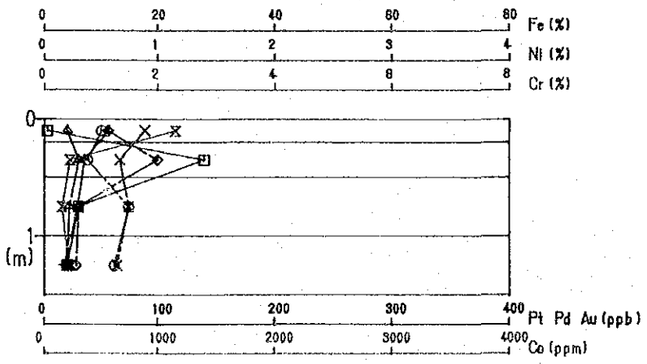


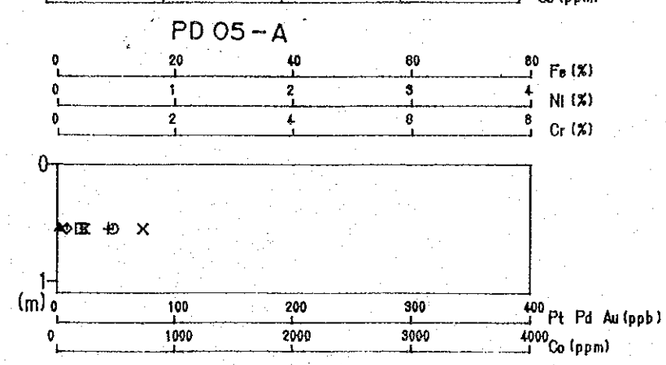


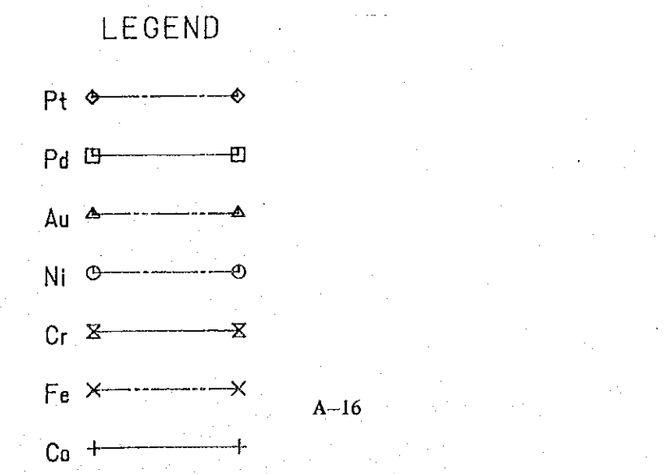






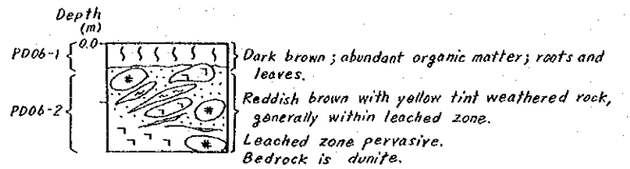




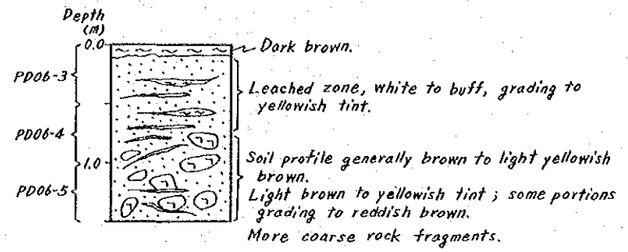


Appendix 5 Profile of test pits in area A-1

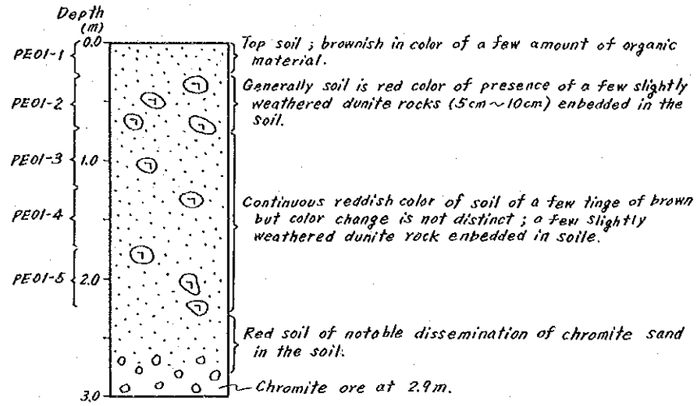
PD 06



PD 06-A



PE 01



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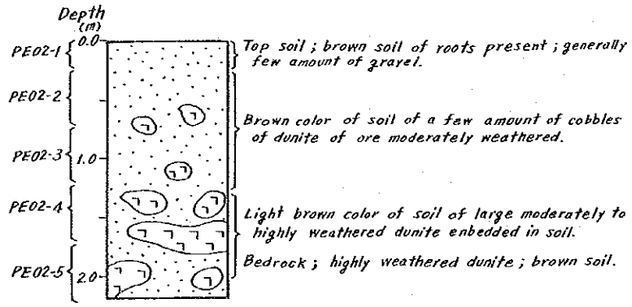

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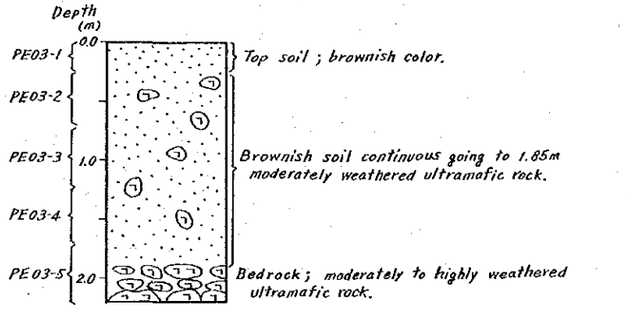
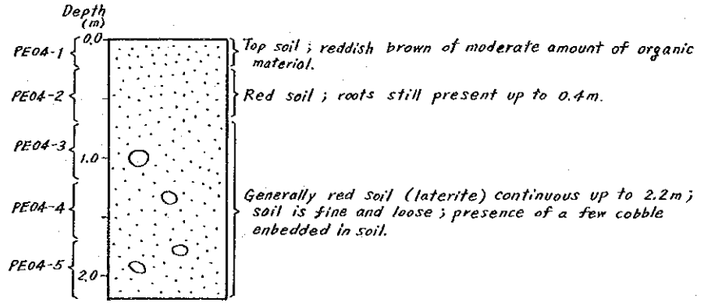


PE 04



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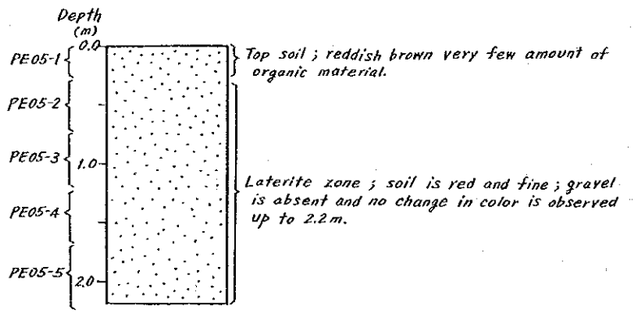

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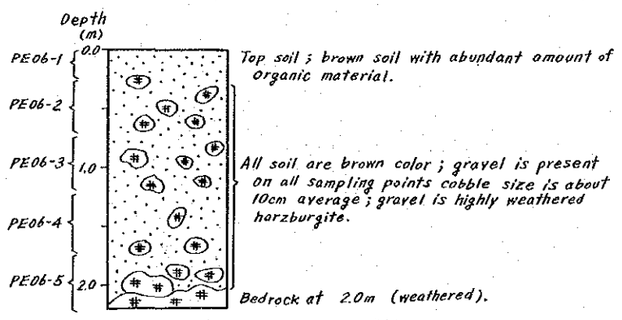

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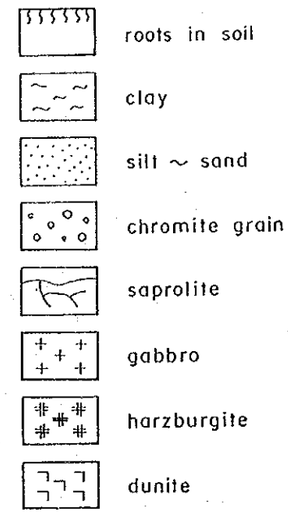
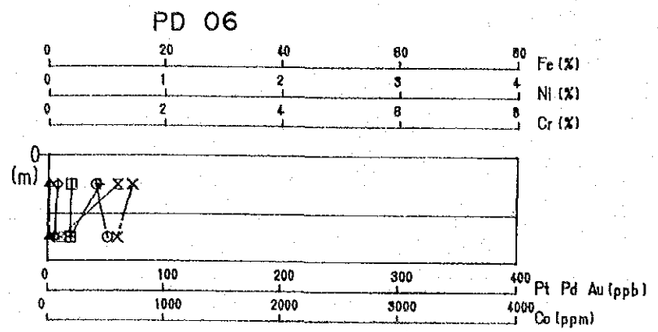
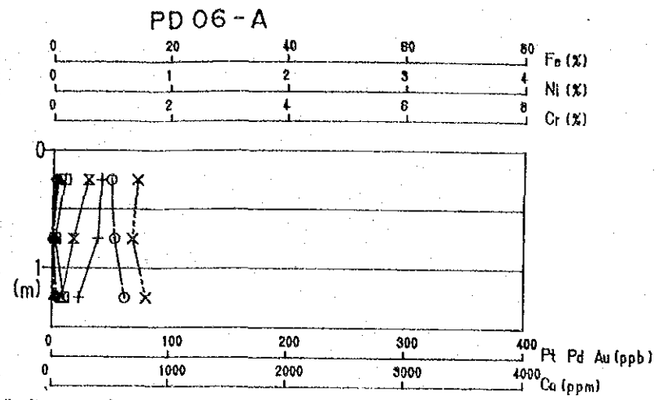
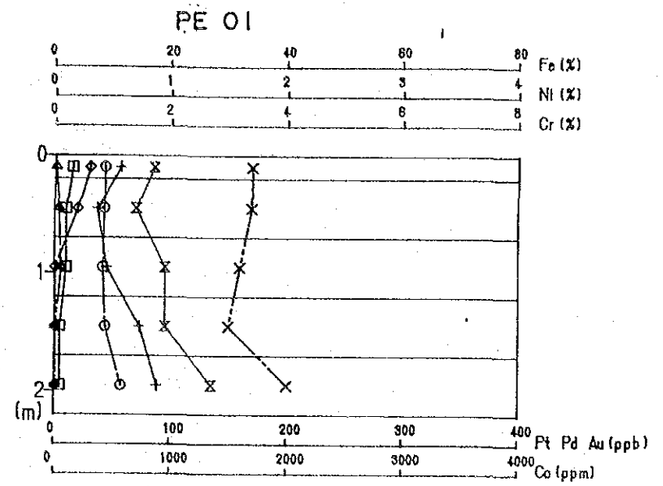
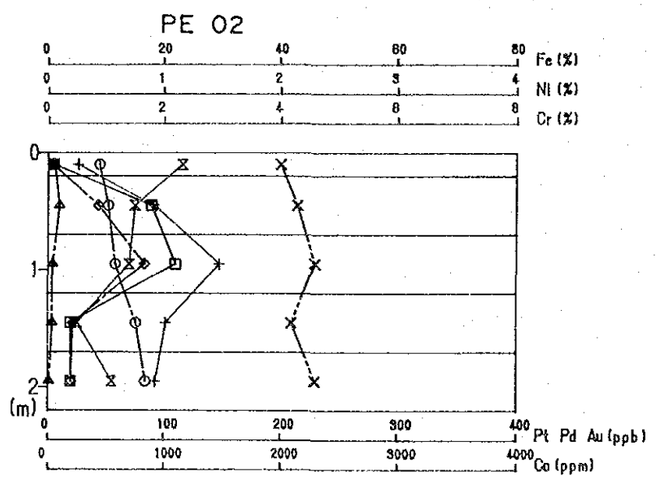


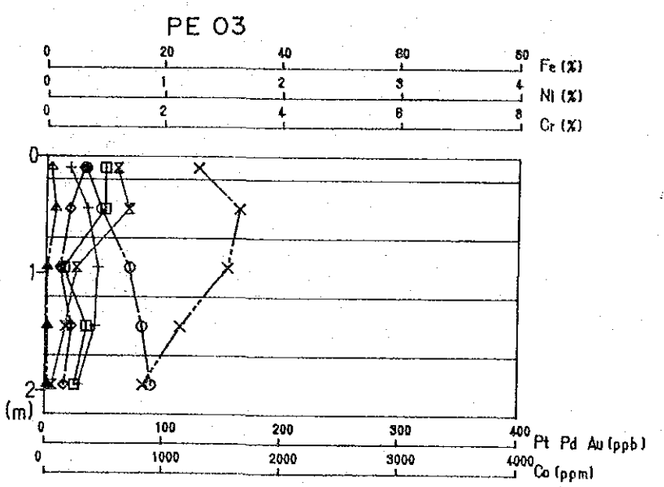
Appendix 5 Profile of test pits in area A-1

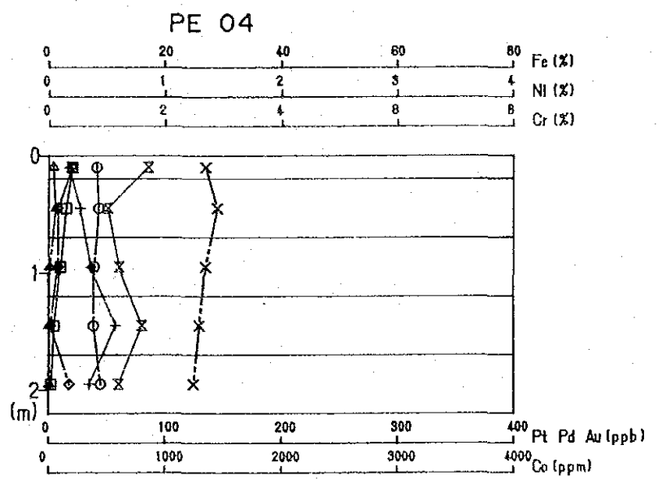


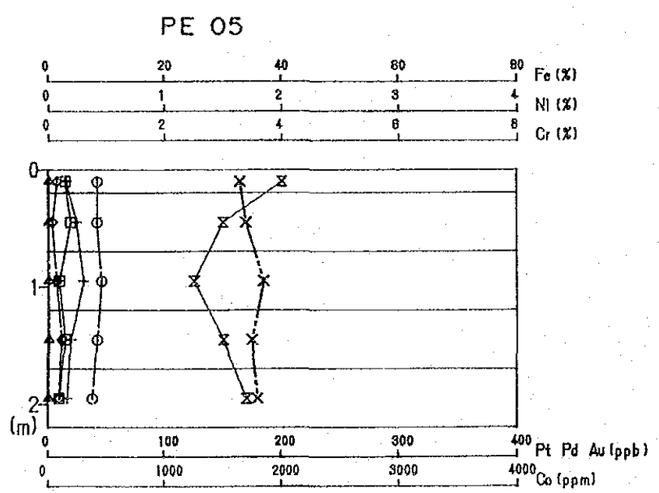


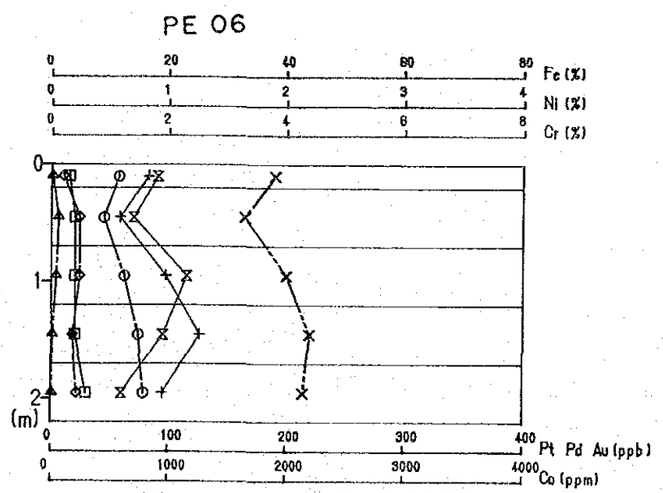


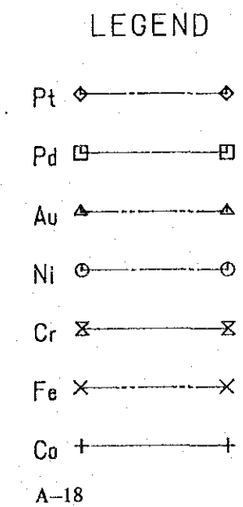






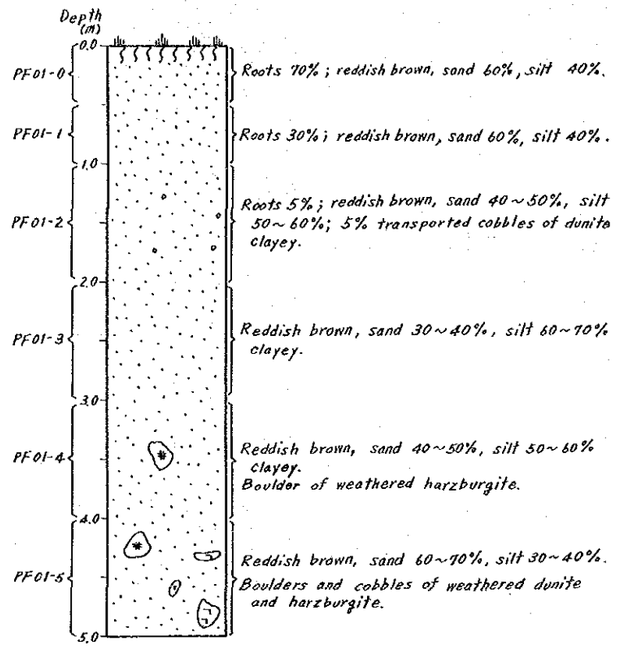




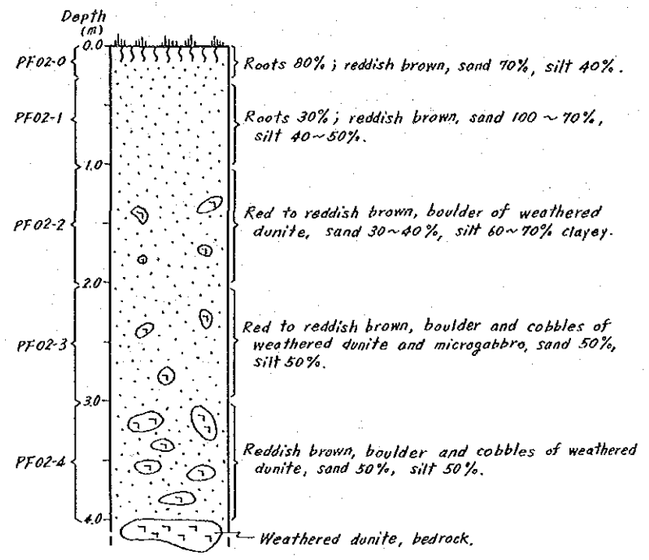


Appendix 5 Profile of test pits in area A-1

PF 01



PF 02



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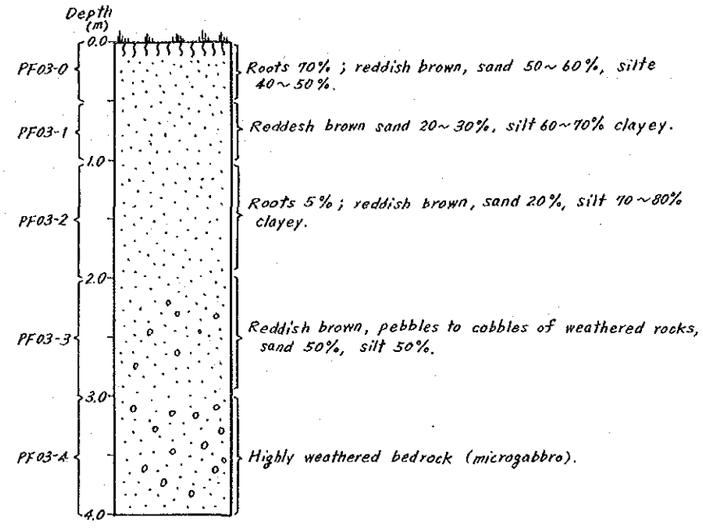

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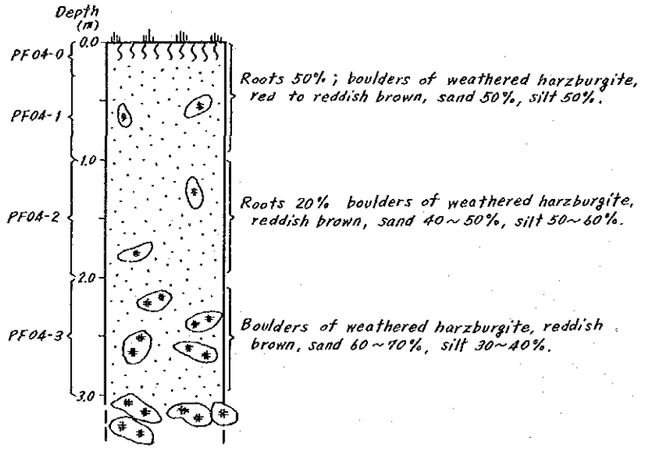

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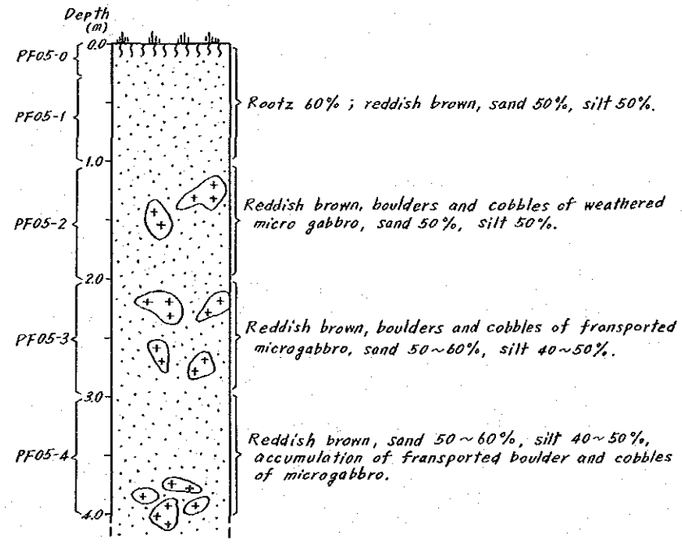

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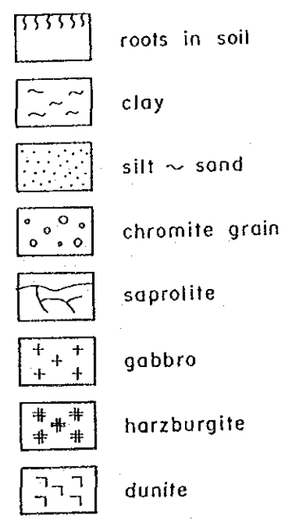
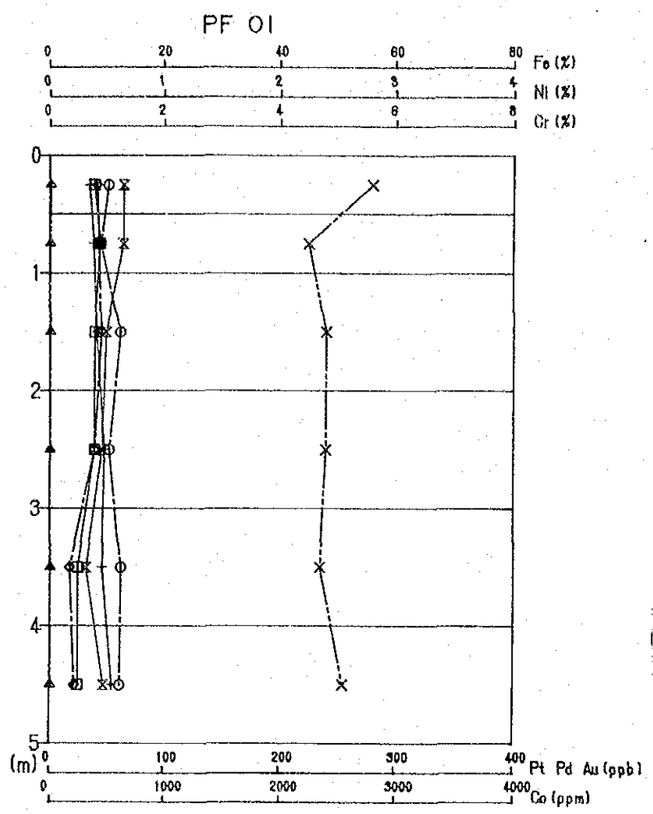
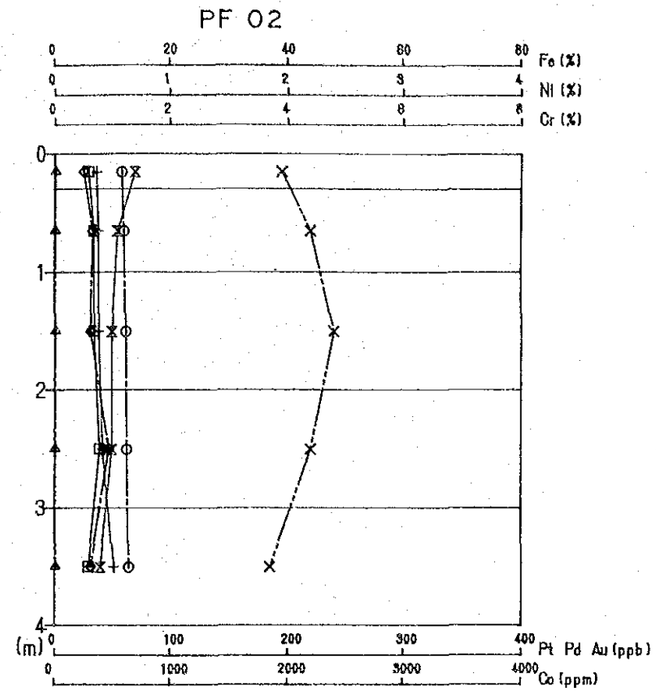
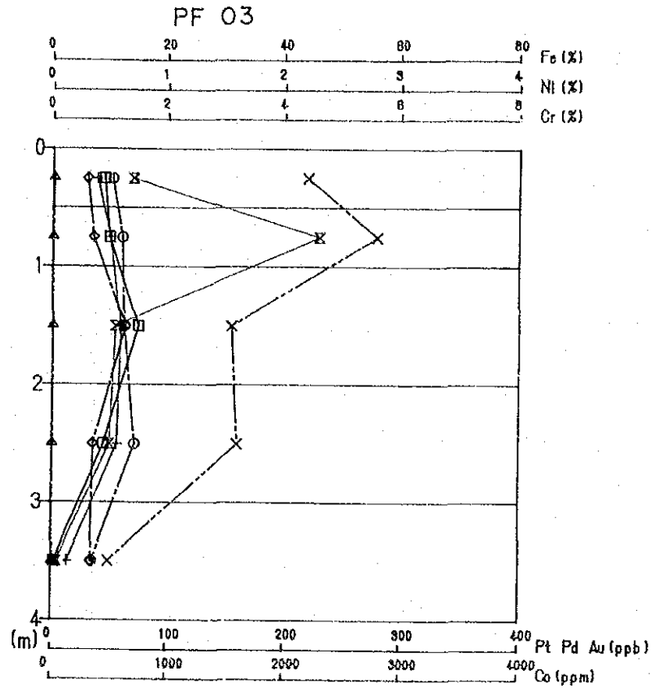
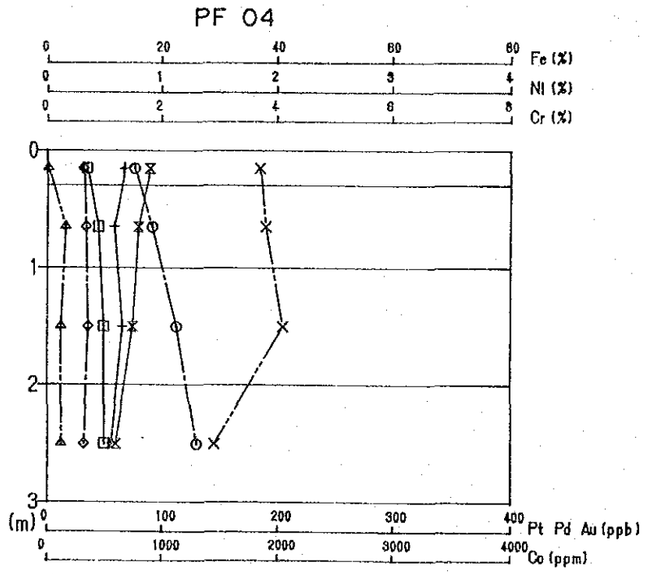


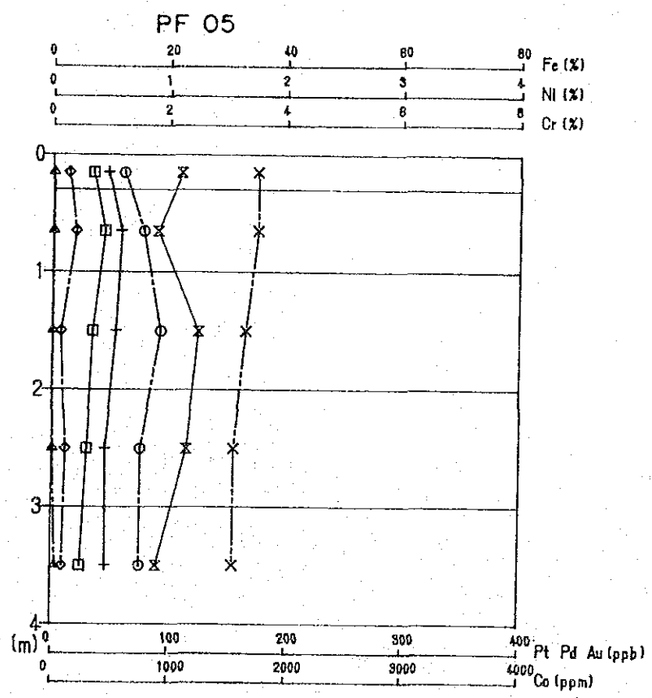
Appendix 5 Profile of test pits in area A-1

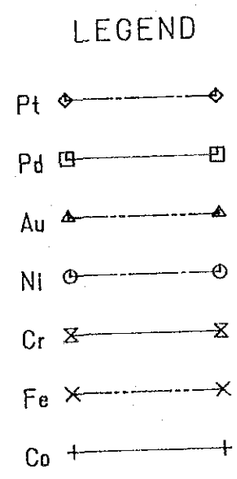






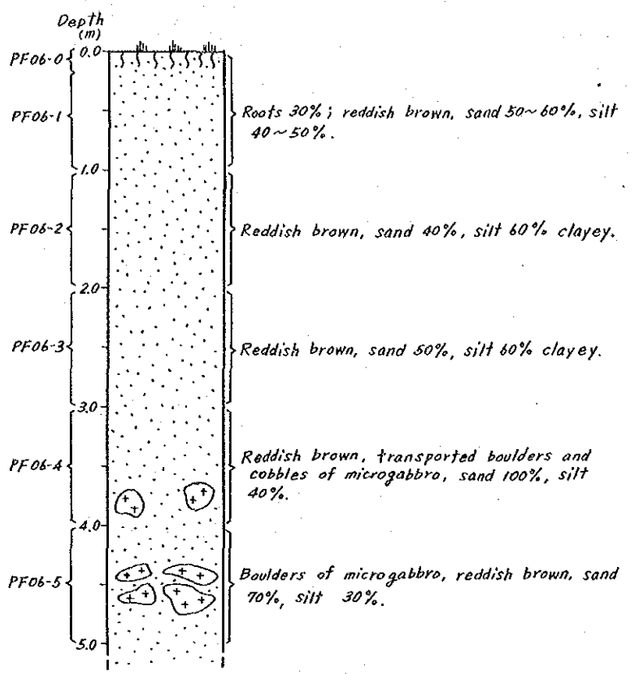




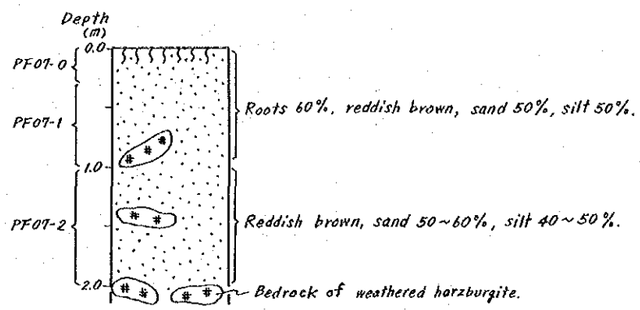


Appendix 5 Profile of test pits in area A-1

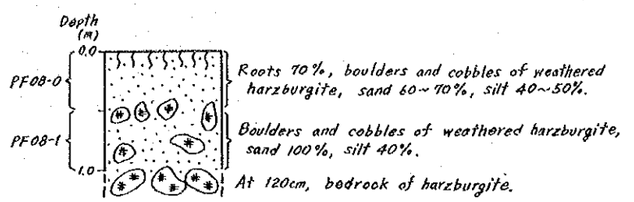
PF 06



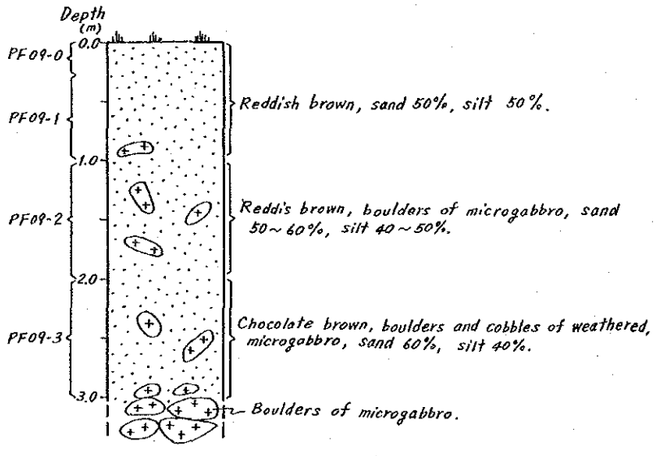
PF 07



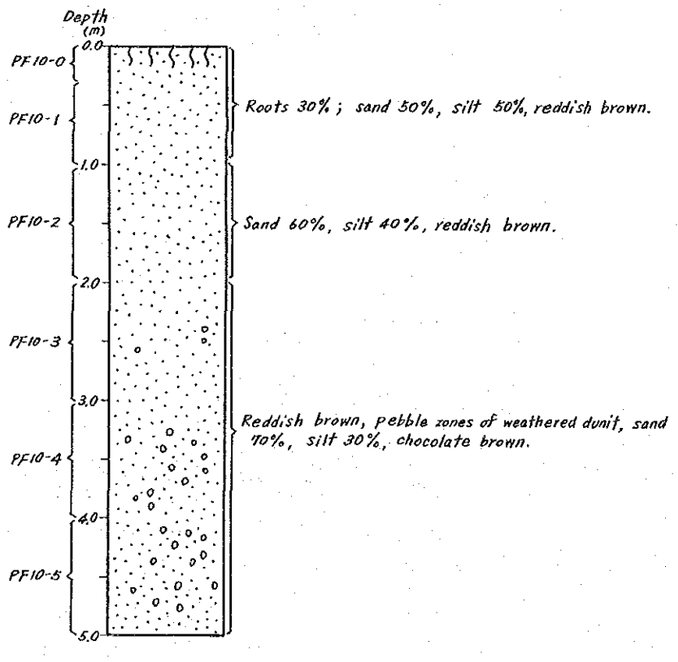
PF 08



PF 09



PF 10



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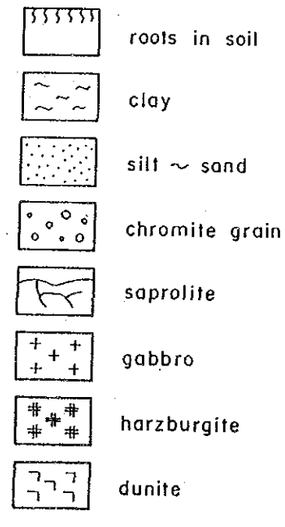
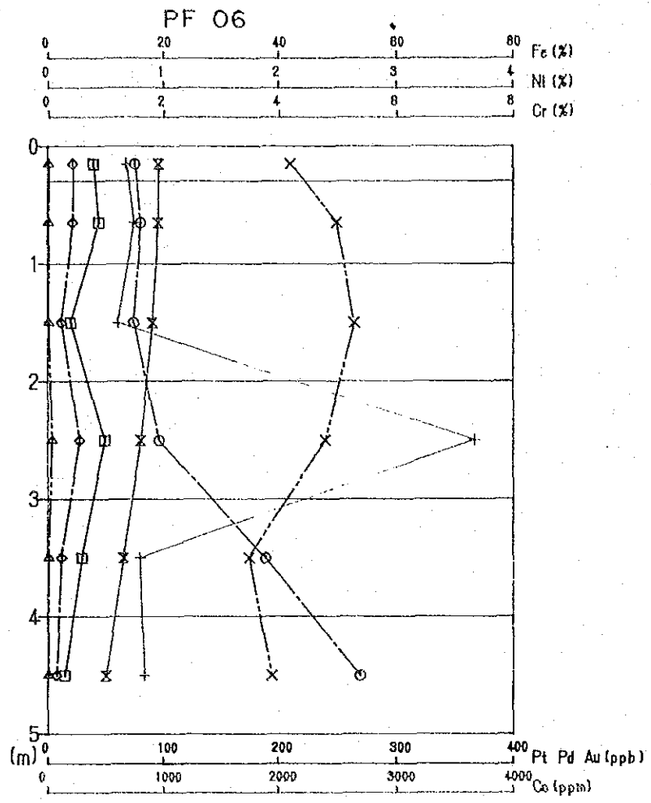
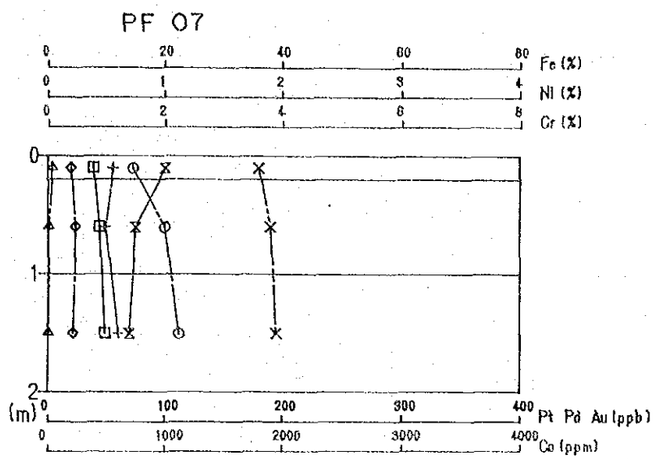
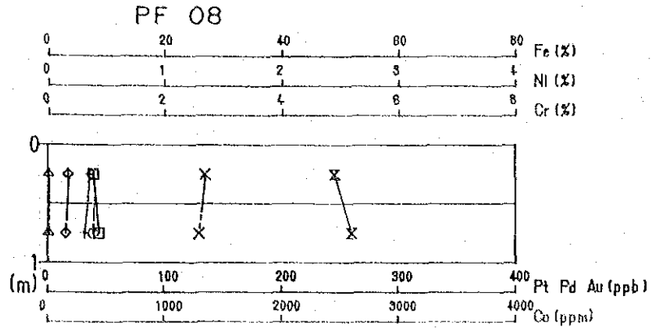
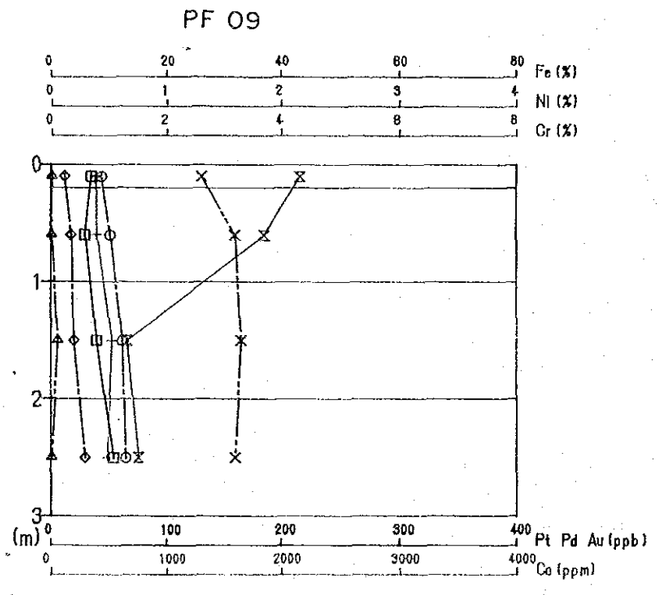


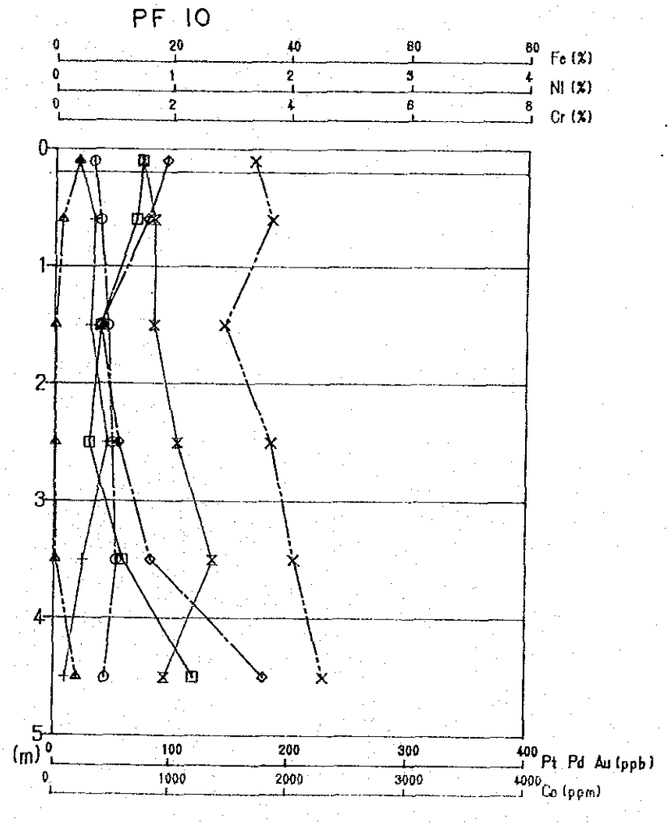
Appendix 5 Profile of test pits in area A-1

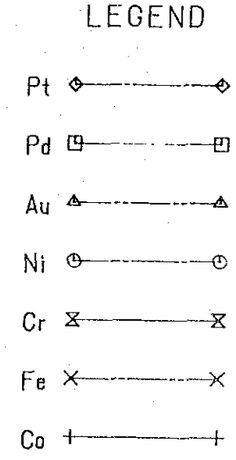












Appendix 5 Profile of test pits in area A-1

Appendix 6 Weight of heavy mineral in soil in area A

No.	Sample No.	weight g/kg(soil)	No.	Sample No.	weight g/kg(soil)	No.	Sample No.	weight g/kg(soil)	No.	Sample No.	weight g/kg(soil)
1	AB-001R	5.6	71	AB-036L	4.6	141	AC-027L	20.6	211	AC-062L	20.0
2	AB-001L	13.0	72	AB-037R	0.2	142	AC-028R	7.2	212	AD-001R	4.2
3	AB-002R	28.8	73	AB-037L	0.8	143	AC-028L	7.6	213	AD-001L	36.0
4	AB-002L	65.2	74	AB-038R	21.6	144	AC-029R	12.0	214	AD-002R	32.0
5	AB-003R	46.6	75	AB-038L	20.4	145	AC-029L	12.0	215	AD-002L	20.0
6	AB-003L	20.2	76	AB-039R	6.8	146	AC-030R	13.6	216	AD-003R	21.0
7	AB-004R	7.2	77	AB-039L	7.2	147	AC-030L	8.8	217	AD-003L	6.0
8	AB-004L	48.2	78	AB-040R	14.2	148	AC-031R	6.2	218	AD-004R	7.4
9	AB-005R	20.2	79	AB-040L	12.4	149	AC-031L	11.0	219	AD-004L	10.0
10	AB-005L	13.2	80	AB-041R	40.6	150	AC-032R	3.8	220	AD-005R	6.6
11	AB-006R	26.2	81	AB-041L	5.0	151	AC-032L	9.8	221	AD-005L	28.0
12	AB-006L	36.8	82	AB-042R	3.8	152	AC-033R	7.6	222	AD-006R	20.6
13	AB-007R	12.6	83	AB-042L	22.0	153	AC-033L	5.6	223	AD-006L	24.6
14	AB-007L	5.8	84	AB-043R	42.0	154	AC-034R	12.2	224	AD-007R	12.0
15	AB-008R	7.8	85	AB-043L	5.8	155	AC-034L	16.0	225	AD-007L	29.0
16	AB-008L	3.2	86	AB-044R	10.0	156	AC-035R	16.0	226	AD-008R	46.0
17	AB-009R	21.0	87	AB-044L	10.0	157	AC-035L	5.8	227	AD-008L	38.0
18	AB-009L	7.0	88	AC-001R	20.2	158	AC-036R	2.4	228	AD-009R	5.9
19	AB-010R	9.2	89	AC-001L	17.8	159	AC-036L	1.6	229	AD-009L	34.0
20	AB-010L	10.0	90	AC-002R	41.0	160	AC-037R	11.0	230	AD-010R	20.0
21	AB-011R	6.1	91	AC-002L	66.4	161	AC-037L	1.0	231	AD-010L	45.6
22	AB-011L	4.8	92	AC-003R	96.0	162	AC-038R	2.0	232	AD-011R	11.0
23	AB-012R	0.6	93	AC-003L	46.4	163	AC-038L	1.6	233	AD-011L	26.6
24	AB-012L	5.3	94	AC-004R	16.0	164	AC-039R	1.0	234	AD-012R	47.8
25	AB-013R	2.0	95	AC-004L	56.0	165	AC-039L	8.8	235	AD-012L	14.0
26	AB-013L	0.4	96	AC-005R	13.8	166	AC-040R	1.8	236	AD-013R	5.6
27	AB-014R	13.8	97	AC-005L	16.0	167	AC-040L	1.6	237	AD-013L	8.7
28	AB-014L	4.2	98	AC-006R	14.2	168	AC-041R	32.0	238	AD-014R	4.2
29	AB-015R	11.8	99	AC-006L	50.0	169	AC-041L	52.4	239	AD-014L	19.0
30	AB-015L	34.0	100	AC-007R	30.2	170	AC-042R	12.0	240	AD-015R	2.6
31	AB-016R	5.0	101	AC-007L	29.8	171	AC-042L	32.0	241	AD-015L	3.2
32	AB-016L	6.6	102	AC-008R	11.8	172	AC-043R	2.6	242	AD-016R	1.8
33	AB-017R	8.8	103	AC-008L	18.0	173	AC-043L	3.2	243	AD-016L	4.8
34	AB-017L	9.6	104	AC-009R	31.8	174	AC-044R	8.8	244	AD-017R	4.0
35	AB-018R	12.6	105	AC-009L	16.0	175	AC-044L	8.8	245	AD-017L	4.9
36	AB-018L	7.2	106	AC-010R	42.0	176	AC-045R	2.0	246	AD-018R	3.2
37	AB-019R	4.2	107	AC-010L	25.0	177	AC-045L	4.8	247	AD-018L	2.4
38	AB-019L	3.8	108	AC-011R	13.8	178	AC-046R	0.6	248	AD-019R	1.6
39	AB-020R	3.8	109	AC-011L	16.2	179	AC-046L	1.2	249	AD-019L	5.9
40	AB-020L	11.0	110	AC-012R	92.4	180	AC-047R	1.0	250	AD-020R	36.0
41	AB-021R	1.4	111	AC-012L	1.2	181	AC-047L	1.2	251	AD-020L	1.4
42	AB-021L	3.2	112	AC-013R	20.0	182	AC-048R	1.2	252	AD-021R	20.0
43	AB-022R	0.2	113	AC-013L	3.5	183	AC-048L	0.4	253	AD-021L	102.0
44	AB-022L	0.8	114	AC-014R	7.4	184	AC-049R	0.6	254	AD-022R	36.0
45	AB-023R	12.6	115	AC-014L	14.0	185	AC-049L	1.0	255	AD-022L	40.0
46	AB-023L	1.9	116	AC-015R	10.0	186	AC-050R	2.2	256	AD-023R	23.8
47	AB-024R	2.4	117	AC-015L	7.8	187	AC-050L	0.6	257	AD-023L	56.0
48	AB-024L	28.4	118	AC-016R	13.0	188	AC-051R	1.8	258	AD-024R	27.8
49	AB-025R	1.2	119	AC-016L	3.8	189	AC-051L	9.0	259	AD-024L	18.0
50	AB-025L	20.4	120	AC-017R	5.8	190	AC-052R	2.0	260	AD-025R	30.0
51	AB-026R	14.0	121	AC-017L	3.8	191	AC-052L	1.8	261	AD-025L	26.4
52	AB-026L	14.0	122	AC-018R	12.2	192	AC-053R	1.4	262	AD-026R	20.0
53	AB-027R	6.2	123	AC-018L	36.0	193	AC-053L	1.4	263	AD-026L	10.4
54	AB-027L	10.2	124	AC-019R	20.0	194	AC-054R	2.4	264	AD-027R	14.4
55	AB-028R	12.2	125	AC-019L	13.0	195	AC-054L	2.4	265	AD-027L	5.2
56	AB-028L	7.8	126	AC-020R	9.0	196	AC-055R	3.8	266	AD-028R	16.2
57	AB-029R	2.4	127	AC-020L	8.2	197	AC-055L	10.0	267	AD-028L	13.8
58	AB-029L	6.6	128	AC-021R	12.2	198	AC-056R	4.6	268	AD-029R	2.8
59	AB-030R	26.2	129	AC-021L	13.8	199	AC-056L	4.8	269	AD-029L	20.0
60	AB-030L	1.4	130	AC-022R	13.4	200	AC-057R	2.2	270	AD-030R	3.7
61	AB-031R	6.6	131	AC-022L	16.0	201	AC-057L	4.8	271	AD-030L	9.5
62	AB-031L	6.0	132	AC-023R	7.8	202	AC-058R	5.6	272	AD-031R	32.0
63	AB-032R	0.6	133	AC-023L	4.8	203	AC-058L	6.2	273	AD-031L	23.8
64	AB-032L	20.2	134	AC-024R	4.4	204	AC-059R	24.0	274	AD-032R	5.4
65	AB-033R	6.6	135	AC-024L	5.8	205	AC-059L	14.0	275	AD-032L	7.8
66	AB-033L	7.2	136	AC-025R	72.6	206	AC-060R	38.4	276	AD-033R	9.6
67	AB-034R	0.8	137	AC-025L	28.6	207	AC-060L	16.0	277	AD-033L	26.6
68	AB-035R	3.8	138	AC-026R	20.6	208	AC-061R	20.0	278	AD-034R	13.0
69	AB-035L	3.0	139	AC-026L	20.0	209	AC-061L	7.8	279	AD-034L	13.0
70	AB-036R	0.4	140	AC-027R	20.4	210	AC-062R	12.4	280	AD-035R	11.0

Appendix 6 Weight of heavy mineral in soil in area A

No.	Sample No.	weight g/kg(soil)
281	AD-035L	13.0
282	AD-036R	8.0
283	AD-036L	5.6
284	AD-037R	7.2
285	AD-037L	24.0
286	AD-038R	10.8
287	AD-038L	4.9
288	AD-039R	2.0
289	AD-039L	0.4
290	AD-040R	0.6
291	AD-040L	0.6
292	AD-041R	1.0
293	AD-041L	0.4
294	AD-042R	1.6
295	AD-042L	0.8
296	AD-043R	1.0
297	AD-043L	0.6
298	AD-044R	0.8
299	AD-044L	21.0
300	AD-045R	0.2
301	AD-045L	0.6
302	AE-001R	56.0
303	AE-001L	36.0
304	AE-002R	20.0
305	AE-002L	28.0
306	AE-003R	18.0
307	AE-003L	21.2
308	AE-004R	20.0
309	AE-004L	43.0
310	AE-005R	5.4
311	AE-005L	10.0
312	AE-006R	20.0
313	AE-006L	7.2
314	AE-007R	16.0
315	AE-007L	3.3
316	AE-008R	38.0
317	AE-008L	20.0
318	AE-009R	8.2
319	AE-009L	29.8
320	AE-010R	29.8
321	AE-010L	20.0
322	AE-011R	8.8
323	AE-011L	4.3
324	AE-012R	12.2
325	AE-012L	34.0
326	AE-013R	12.0
327	AE-013L	10.2
328	AE-014R	18.0
329	AE-014L	7.7
330	AE-015R	36.0
331	AE-015L	20.0
332	AE-016R	7.2
333	AE-016L	69.2
334	AE-017R	28.8
335	AE-017L	80.0
336	AE-018R	20.0
337	AE-018L	85.8
338	AE-019R	15.0
339	AE-019L	20.0
340	AE-020R	20.0
341	AE-020L	20.0
342	AE-021R	4.2
343	AE-021L	9.1
344	AE-022R	20.0
345	AE-022L	18.0
346	AE-023R	13.0
347	AE-023L	18.0
348	AE-024R	22.8
349	AE-024L	16.0
350	AE-025R	14.2
351	AE-025L	16.0
352	AE-026R	10.0
353	AE-026L	20.0
354	AE-027R	36.0
355	AE-027L	34.0
356	AE-028R	34.0
357	AE-028L	27.2
358	AE-029R	97.0
359	AE-029L	24.0
360	AE-030R	18.0
361	AE-030L	30.0
362	AE-031R	21.8
363	AE-031L	22.8
364	AE-032L	18.0
365	AE-033R	43.0
366	AE-033L	14.0
367	AE-034R	14.2
368	AE-034L	20.0
369	AE-035R	6.6
370	AE-035L	4.4
371	AE-036R	8.6
372	AE-036L	4.4
373	AE-037R	6.5
374	AE-037L	5.9
375	AE-038R	8.1
376	AE-038L	30.0
377	AE-039R	13.0
378	AE-039L	8.4
379	AE-040R	8.0
380	AE-040L	5.1
381	AE-041R	14.0
382	AE-041L	14.4
383	AE-042R	6.1
384	AE-042L	3.5
385	AE-043R	14.0
386	AE-043L	3.9
387	AE-044R	5.0
388	AE-044L	3.2
389	AE-045R	5.9
390	AE-045L	6.8
391	AE-046R	8.4
392	AE-046L	7.2
393	AE-047R	7.6
394	AE-047L	6.0
395	AE-048R	5.6
396	AE-048L	7.4
397	AF-001R	33.8
398	AF-001L	11.8
399	AF-002R	24.0
400	AF-002L	20.0
401	AF-003R	10.0
402	AF-003L	10.0
403	AF-004R	8.8
404	AF-004L	16.0
405	AF-005R	12.4
406	AF-005L	16.0
407	AF-006R	15.8
408	AF-006L	9.6
409	AF-007R	2.2
410	AF-007L	2.4
411	AF-008R	13.6
412	AF-008L	9.0
413	AF-009R	18.0
414	AF-009L	9.4
415	AF-010R	11.0
416	AF-010L	14.0
417	AF-011R	36.0
418	AF-011L	20.0
419	AF-012R	1.6
420	AF-012L	1.8
421	AF-013R	5.6
422	AF-013L	7.2
423	AF-014R	22.0
424	AF-014L	16.0
425	AF-015R	27.0
426	AF-016R	20.0
427	AF-016L	14.0
428	AF-017R	4.2
429	AF-017L	3.3
430	AF-018R	18.0
431	AF-018L	12.8
432	AF-019R	22.4
433	AF-019L	36.0
434	AF-020R	2.4
435	AF-020L	8.2
436	AF-021R	36.0
437	AF-021L	24.2
438	AF-022R	15.0
439	AF-022L	12.2
440	AF-023R	9.0
441	AF-023L	6.2
442	AF-024R	2.6
443	AF-024L	11.2
444	AF-025R	14.0
445	AF-025L	4.2
446	AF-026R	20.0
447	AF-026L	18.0
448	AF-027R	26.0
449	AF-027L	18.0
450	AF-028R	28.0
451	AF-028L	18.0
452	AF-029R	24.2
453	AF-029L	30.4
454	AF-030R	6.8
455	AF-030L	25.0
456	AF-031R	20.0
457	AF-031L	16.8
458	AF-032R	13.0
459	AF-032L	13.6
460	AF-033R	16.6
461	AF-033L	28.8
462	AF-034R	6.1
463	AF-034L	2.6
464	AF-035R	6.4
465	AF-035L	9.4
466	AF-036R	5.2
467	AF-036L	24.0
468	AF-037R	28.8
469	AF-037L	50.0
470	AF-038R	1.0
471	AF-038L	4.8
472	AF-039R	9.3
473	AF-039L	11.4
474	AF-040R	9.2
475	AF-040L	11.6
476	AF-041R	5.1
477	AF-041L	11.0
478	AF-042R	34.0
479	AF-042L	5.3
480	AF-043R	34.0
481	AF-043L	64.8
482	AF-044R	36.0
483	AF-044L	20.0
484	AF-045R	55.2
485	AF-045L	73.6
486	AF-046R	38.0
487	AF-046L	40.0
488	AF-047R	22.4
489	AF-047L	43.2
490	AF-048R	33.0
491	AF-048L	16.0
492	AF-049R	23.0
493	AF-049L	40.0
494	AF-050R	16.0
495	AF-050L	10.0
496	AF-051R	26.2
497	AF-051L	20.0
498	AF-052R	13.6
499	AF-052L	21.6
500	AF-053R	25.2
501	AF-053L	17.0
502	AF-054R	1.6
503	AF-054L	5.4
504	AF-055R	4.0
505	AF-055L	4.8
506	AF-056R	39.0
507	AF-056L	6.0
508	AF-057R	2.2
509	AF-057L	5.2

Appendix 7 Chemical analyses of geochemical soil samples in area A (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	AB001	118°43.54'	9°52.30'	D	B	15	BR	5	18	<2	4300	15000	45.6	610
2	AB003	118°43.39'	9°52.60'	D	B	15	BR	10	8	<2	3400	51000	26.4	640
3	AB005	118°42.71'	9°52.89'	H	B	15	BR	<5	12	<2	1560	31000	15.1	247
4	AB006	118°43.75'	9°51.84'	D	B	15	BR	<5	6	<2	1960	37000	16.1	231
5	AB007	118°43.86'	9°51.93'	H	B	15	BR	<5	12	6	1910	20000	13.6	249
6	AB009	118°44.07'	9°51.74'	H	B	15	BR	<5	10	<2	1760	38000	13.5	209
7	AB010	118°44.10'	9°51.23'	H	B	15	BR	<5	<2	<2	1490	16000	7.5	158
8	AB012	118°43.63'	9°51.37'	H	B	15	BR	<5	6	<2	1690	12000	7.5	162
9	AB013	118°44.49'	9°52.34'	H	B	15	BR	<5	<2	<2	360	4300	7.0	79
10	AB015	118°44.06'	9°52.50'	H	B	15	BR	60	28	<2	3210	53000	27.5	510
11	AB016	118°44.45'	9°52.15'	H	B	15	BR	5	8	<2	4300	18000	16.7	510
12	AB018	118°44.12'	9°52.22'	H	B	15	BR	10	8	<2	3300	20000	14.9	332
13	AB020	118°39.73'	9°53.08'	H	B	15	BR	5	6	<2	3200	18000	11.0	219
14	AB022	118°39.62'	9°52.80'	H	B	15	BR	<5	<2	<2	200	1400	6.4	45
15	AB023	118°41.69'	9°55.61'	G	B	15	BR	30	14	<2	1520	18000	9.1	125
16	AB027	118°41.29'	9°56.44'	H	B	15	BR	5	12	<2	3900	40000	17.8	590
17	AB028	118°38.70'	9°50.30'	H	B	15	BR	<5	8	<2	1620	17000	11.5	159
18	AB029	118°38.82'	9°50.47'	S	B	15	BR	<5	8	<2	1510	10000	8.4	164
19	AB030	118°38.93'	9°50.24'	H	B	15	BR	<5	<2	<2	1510	43000	8.8	140
20	AB031	118°39.11'	9°50.24'	H	B	15	BR	<5	2	6	2530	41000	11.3	211
21	AB032	118°39.52'	9°49.99'	B	B	15	BR	<5	<2	<2	1050	15000	9.9	87
22	AB035	118°39.17'	9°51.24'	H	B	15	BR	<5	<2	2	720	9600	7.7	111
23	AB036	118°39.04'	9°51.36'	H	B	15	BR	<5	6	<2	1240	10000	8.8	131
24	AB037	118°38.90'	9°51.47'	H	B	15	BR	<5	<2	<2	770	5700	7.4	87
25	AB038	118°42.37'	9°56.71'	H	B	15	BR	20	40	<4	4500	61000	27.6	420
26	AB040	118°42.37'	9°57.17'	H	B	15	BR	10	10	<2	3600	38000	30.3	320
27	AB041	118°42.61'	9°56.66'	H	B	15	BR	20	20	2	4100	69000	25.5	390
28	AB042	118°42.55'	9°56.41'	H	B	15	BR	30	18	<6	8600	32000	26.7	660
29	AB044	118°42.56'	9°56.12'	D	B	15	BR	20	40	<4	4300	44000	30.9	390
30	AC001	118°43.62'	9°51.91'	D	B	20	BR	50	30	<2	4000	47000	27.6	530
31	AC002	118°43.51'	9°51.88'	D	B	20	BR	40	32	4	3700	27000	37.8	550
32	AC003	118°43.24'	9°51.94'	D	B	25	BR	30	24	<2	3300	102000	22.8	590
33	AC004	118°42.97'	9°52.07'	D	B	20	BR	<10	40	<4	2970	75000	17.4	390
34	AC005	118°42.93'	9°51.90'	D	B	20	BR	50	34	6	1810	22000	15.7	260
35	AC006	118°42.76'	9°52.10'	D	B	20	BR	60	60	10	2290	32000	22.5	330
36	AC007	118°42.57'	9°52.16'	D	B	15	BR	90	50	8	2260	39000	18.2	360
37	AC008	118°43.75'	9°52.04'	H	B	20	RD	30	90	<6	3800	18000	52.8	400
38	AC009	118°43.65'	9°52.23'	H	B	20	BR	100	84	6	3020	27000	33.0	460
39	AC010	118°38.16'	9°55.72'	H	B	20	BR	10	12	<2	3500	32000	19.3	480
40	AC011	118°38.22'	9°55.59'	H	B	20	BR	10	10	2	3400	51000	16.4	510
41	AC012	118°38.25'	9°55.45'	H	B	20	RD	<5	4	<2	4300	54000	20.7	830
42	AC013	118°38.25'	9°55.35'	H	B	15	RD	<5	6	<2	3110	24000	14.1	360
43	AC014	118°38.21'	9°55.17'	H	B	20	BR	<5	6	<2	2590	21000	12.7	320
44	AC015	118°38.26'	9°55.00'	H	B	20	RD	<5	6	<2	3400	24000	16.0	490
45	AC016	118°38.40'	9°55.30'	H	B	20	BR	<5	6	<2	3200	20000	16.0	380
46	AC017	118°38.56'	9°55.17'	H	B	20	BR	<5	6	<2	2600	20000	13.9	330
47	AC018	118°39.20'	9°56.22'	H	B	20	BR	<5	6	<2	3200	53000	17.4	290
48	AC019	118°39.14'	9°56.35'	H	B	20	BR	<5	2	<2	5400	37000	23.4	610
49	AC021	118°39.43'	9°56.15'	H	B	20	BR	10	16	<2	3900	37000	17.1	380
50	AC022	118°39.65'	9°56.13'	H	B	20	BR	80	80	10	3120	35000	16.6	330
51	AC024	118°41.75'	9°55.98'	H	B	20	BR	15	24	<2	2700	26000	16.6	300
52	AC025	118°41.57'	9°56.20'	H	B	20	BR	20	16	<2	4600	59000	18.9	520
53	AC026	118°41.41'	9°56.43'	H	B	20	BR	5	8	<2	3100	59000	18.6	450
54	AC028	118°38.61'	9°50.33'	H	B	15	BR	<5	<2	<2	2330	24000	11.9	230
55	AC029	118°38.52'	9°50.34'	H	B	20	BR	5	16	<2	3300	324000	19.7	560
56	AC030	118°38.26'	9°50.42'	H	B	15	BR	<5	14	<2	2960	36000	15.2	290
57	AC031	118°38.10'	9°50.52'	H	B	20	BR	<5	<2	<2	2900	33000	14.4	290
58	AC032	118°37.99'	9°50.57'	H	B	20	BR	<5	<2	<2	3190	27000	16.5	320
59	AC033	118°37.72'	9°50.52'	H	B	15	BR	<5	6	<2	2380	25000	11.7	260
60	AC034	118°38.07'	9°50.66'	H	B	20	BR	<5	4	<2	3700	30000	20.7	410
61	AC035	118°38.05'	9°50.83'	H	B	20	BR	<5	<2	<2	3300	28000	15.5	340
62	AC036	118°38.83'	9°50.61'	S	B	20	BR	<5	<2	<2	590	4900	7.8	103
63	AC037	118°39.32'	9°50.18'	H	B	20	BR	<5	<2	<2	1560	15000	9.8	137
64	AC038	118°39.59'	9°49.91'	H	B	20	BR	<5	<2	<2	510	2400	4.5	34
65	AC039	118°39.02'	9°50.11'	H	B	15	BR	<5	<2	<2	1120	10000	6.9	98
66	AC040	118°38.92'	9°50.04'	H	B	15	BR	<5	<2	<2	270	1300	6.3	43
67	AC041	118°39.68'	9°56.33'	H	B	15	BR	60	40	6	2520	36000	20.1	340
68	AC043	118°39.67'	9°56.73'	H	B	20	BR	100	120	24	1370	10000	22.5	310
69	AC044	118°39.68'	9°56.88'	H	B	15	BR	90	64	10	2290	20000	23.4	420
70	AC045	118°39.65'	9°56.99'	H	B	20	BR	60	68	18	1400	12000	18.0	280

Appendix 7 Chemical analyses of geochemical soil samples in area A (2)

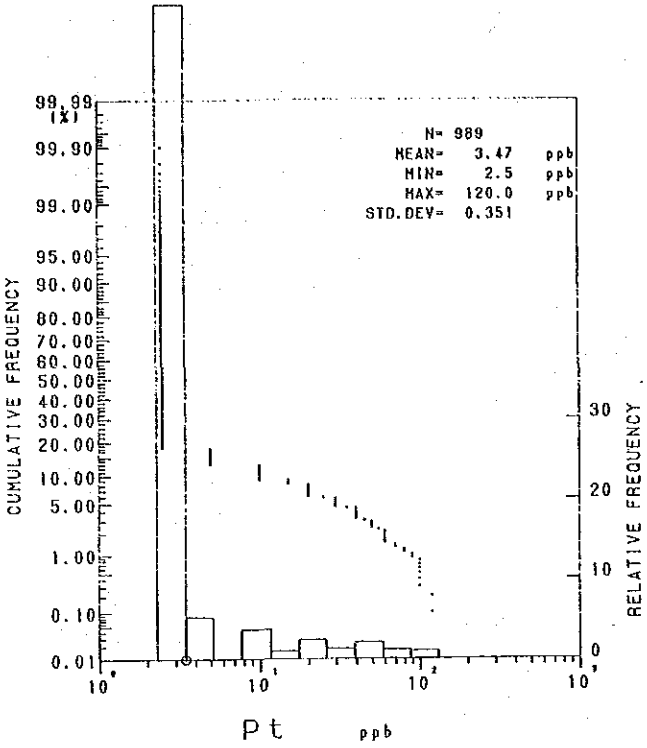
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
71	AC050	118°37.98'	9°47.26'	H	B	20	BR	<5	4	<2	2810	9000	12.3	310
72	AC051	118°37.78'	9°47.25'	H	B	15	BR	<5	4	<2	3900	10000	14.8	380
73	AC053	118°38.02'	9°47.16'	H	B	15	BR	<5	6	<2	3400	9700	15.0	370
74	AC056	118°38.07'	9°47.52'	H	B	15	BR	<5	<2	<2	1890	13000	10.9	350
75	AC058	118°38.36'	9°46.93'	H	B	15	BR	<5	<2	<2	260	650	5.2	29
76	AC060	118°38.55'	9°47.13'	H	B	10	BR	<5	4	<2	1190	11000	7.8	100
77	AC061	118°38.73'	9°47.07'	H	B	10	BR	<5	<2	<2	1200	6300	8.3	111
78	AC062	118°38.23'	9°47.20'	H	B	10	BR	<5	4	<2	1490	11000	8.4	116
79	AD001	118°45.72'	9°56.85'	H	B	20	BR	5	6	<2	4000	18000	15.7	380
80	AD002	118°45.86'	9°56.97'	H	B	20	BR	<5	6	<2	2610	33000	15.7	210
81	AD003	118°45.96'	9°57.16'	H	B	20	BR	<5	<2	<2	2560	42000	15.7	230
82	AD004	118°45.61'	9°56.80'	H	B	20	BR	<5	<2	<2	3700	25000	14.2	280
83	AD005	118°45.45'	9°56.87'	H	B	20	BR	<5	12	<2	3500	41000	12.5	300
84	AD006	118°45.34'	9°57.04'	H	B	20	BR	<5	8	<2	5100	36000	17.9	390
85	AD007	118°45.73'	9°56.73'	H	B	20	BR	<10	<4	<4	4300	27000	15.0	410
86	AD008	118°46.51'	9°56.65'	H	B	10	BR	<5	<2	<2	3600	49000	15.4	380
87	AD009	118°44.94'	9°56.70'	H	B	10	BR	20	28	2	1480	19000	13.5	260
88	AD010	118°46.42'	9°56.79'	H	B	20	BR	<5	<2	<2	3800	38000	14.5	510
89	AD011	118°46.41'	9°56.95'	H	B	20	BR	<10	6	<4	3200	27000	14.8	240
90	AD012	118°46.33'	9°57.21'	H	B	10	BR	<10	<4	<4	2370	37000	11.2	250
91	AD013	118°40.48'	9°53.15'	B	B	20	BR	<5	14	<2	1600	8900	9.0	116
92	AD014	118°40.62'	9°53.30'	H	B	10	BL	<5	4	<2	1390	13000	10.3	154
93	AD015	118°40.74'	9°53.41'	H	B	20	BR	<5	2	<2	920	4400	6.8	97
94	AD016	118°40.78'	9°53.61'	H	B	20	BR	<5	4	<2	1350	5200	7.8	116
95	AD017	118°40.97'	9°53.71'	H	B	20	BR	<5	<2	<2	760	7600	6.6	74
96	AD018	118°41.19'	9°53.38'	H	B	20	BR	<5	<2	<2	390	4700	6.6	52
97	AD019	118°41.21'	9°53.64'	H	B	10	BR	<5	4	2	420	3800	7.7	73
98	AD020	118°44.54'	9°52.93'	H	B	20	BL	5	6	<2	1580	12000	11.5	172
99	AD021	118°44.30'	9°53.03'	H	B	10	BL	<5	10	<2	1900	34000	15.4	240
100	AD022	118°44.01'	9°53.05'	H	B	10	BL	20	12	<2	2770	47000	18.6	390
101	AD023	118°43.80'	9°53.20'	H	B	10	BR	40	30	<2	2030	75000	18.8	410
102	AD024	118°44.47'	9°52.63'	H	B	10	BR	<10	<2	<4	3600	23000	11.9	410
103	AD025	118°44.20'	9°52.75'	H	B	20	BR	5	4	<2	3070	33000	15.0	380
104	AD026	118°38.47'	9°53.21'	H	B	20	BL	<5	2	<2	3200	16000	14.1	250
105	AD027	118°38.49'	9°53.00'	H	B	20	BL	<5	12	<2	5100	21000	28.5	530
106	AD029	118°38.33'	9°52.67'	H	B	20	RD	5	10	<2	5600	14000	26.7	490
107	AD030	118°38.36'	9°52.48'	H	B	10	RD	5	14	<2	5700	12000	19.8	490
108	AD031	118°38.34'	9°50.22'	H	B	15	RD	<5	12	<2	4100	20000	32.4	530
109	AD032	118°38.30'	9°50.04'	H	B	20	RD	<5	4	<2	6000	12000	27.6	460
110	AD033	118°38.23'	9°49.90'	H	B	20	BR	<5	10	<2	2280	27000	16.4	330
111	AD034	118°38.05'	9°49.83'	H	B	20	BR	5	10	<2	3100	14900	21.9	370
112	AD035	118°38.17'	9°49.64'	H	B	20	BR	<5	8	<2	3900	23000	24.4	490
113	AD036	118°38.11'	9°49.56'	H	B	20	BR	<5	4	<2	3050	11000	13.4	310
114	AD037	118°38.24'	9°49.76'	H	B	20	BR	<5	<2	<2	3400	10000	12.0	360
115	AD038	118°38.38'	9°49.83'	H	B	20	BR	<5	<2	<2	3400	8400	14.7	310
116	AE001	118°38.58'	9°55.86'	H	B	15	BR	5	6	<2	6100	32000	27.9	790
117	AE003	118°38.72'	9°55.49'	H	B	15	GR	<5	<2	<2	3900	16000	17.5	430
118	AE005	118°35.24'	9°50.08'	H	B	15	BR	50	28	<2	710	9700	11.9	138
119	AE006	118°35.61'	9°49.96'	H	B	15	BR	10	20	<2	500	17000	12.2	107
120	AE007	118°35.78'	9°49.82'	H	B	15	BR	<5	8	<2	3090	13000	26.7	310
121	AE008	118°36.02'	9°49.64'	H	B	15	BR	10	24	4	2140	19000	16.9	320
122	AE009	118°36.21'	9°49.56'	H	B	15	BR	60	68	12	1970	14000	13.4	300
123	AE010	118°36.32'	9°49.55'	H	B	15	BR	40	40	4	1180	19000	12.9	230
124	AE011	118°36.45'	9°49.53'	H	B	15	BR	<5	14	<2	1300	6700	10.4	190
125	AE012	118°36.57'	9°49.47'	H	B	15	BR	<5	26	<2	1980	10000	13.9	200
126	AE013	118°36.68'	9°49.40'	H	B	15	BR	10	24	4	950	13000	11.3	200
127	AE014	118°36.83'	9°49.37'	H	B	15	BR	<5	16	<2	840	5600	8.0	136
128	AE016	118°35.25'	9°50.79'	D	B	15	BR	20	20	<2	1660	24000	11.3	240
129	AE017	118°35.39'	9°50.70'	D	B	15	BR	20	30	<2	1350	37000	11.5	240
130	AE018	118°35.60'	9°50.59'	H	B	15	BR	45	32	6	1390	28000	11.2	280
131	AE019	118°35.75'	9°50.49'	H	B	15	BR	40	36	<2	2020	19000	14.7	360
132	AE020	118°35.89'	9°50.40'	D	B	15	BR	10	18	<2	2290	28000	15.1	280
133	AE021	118°36.07'	9°50.35'	D	B	15	BR	<5	12	<2	1850	19000	10.6	230
134	AE022	118°36.55'	9°52.06'	H	B	15	BR	10	8	<2	3800	62000	19.2	350
135	AE024	118°36.80'	9°51.61'	H	B	15	BR	<5	<2	<2	3500	26000	17.9	270
136	AE025	118°36.97'	9°51.50'	H	B	5	BR	<5	<2	<2	4700	23000	17.6	370
137	AE026	118°37.09'	9°51.37'	H	B	5	BR	<5	4	<2	7600	20000	31.2	580
138	AE027	118°36.97'	9°53.32'	H	B	15	BR	<5	8	<2	2950	37000	16.0	340
139	AE029	118°37.12'	9°53.64'	H	B	15	BR	<5	6	<2	3500	60000	17.7	460
140	AE030	118°37.41'	9°53.65'	H	B	15	BR	<5	4	<2	3300	48000	17.4	440

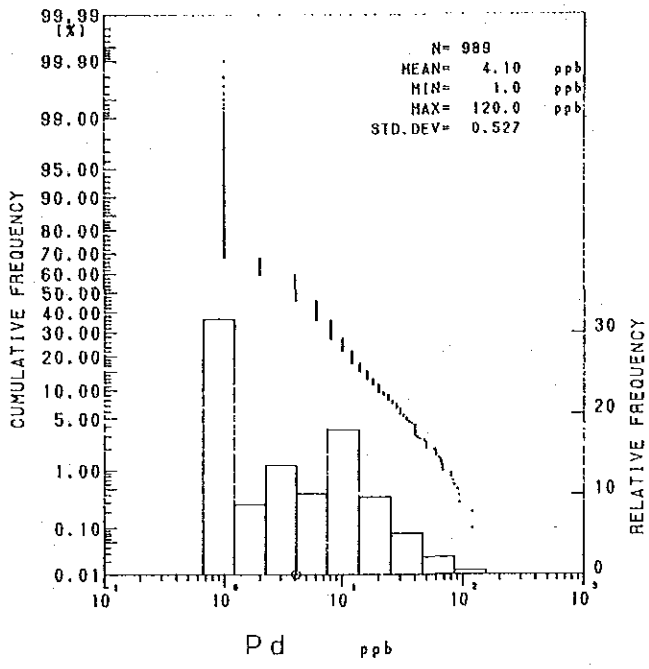
Appendix 7 Chemical analyses of geochemical soil samples in area A (3)

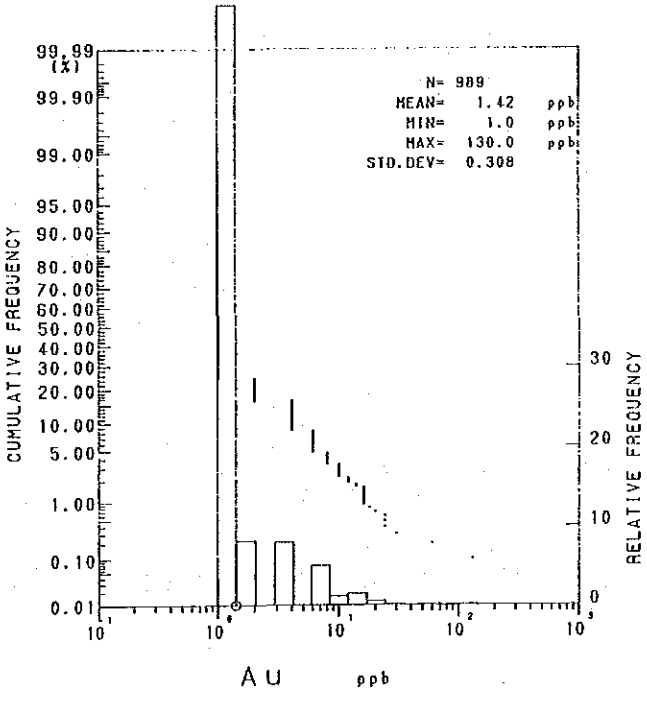
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
141	AE031	118°37.07'	9°53.87'	H	B	15	BR	<5	4	<2	3800	30000	17.0	370
142	AE033	118°37.46'	9°55.03'	H	B	15	BR	<5	4	<2	3500	36000	12.5	370
143	AE035	118°37.50'	9°54.70'	H	B	15	BR	<5	<2	<2	3400	23000	16.7	380
144	AE036	118°37.36'	9°47.90'	H	B	15	BR	<5	6	<2	2370	9000	9.4	250
145	AE038	118°37.24'	9°47.96'	H	B	15	BR	10	14	<2	1480	13000	10.9	200
146	AE040	118°37.13'	9°48.04'	H	B	15	BR	<5	4	<2	2430	17000	14.1	340
147	AE041	118°36.96'	9°48.11'	H	B	15	BR	<5	6	<2	1660	17000	8.0	340
148	AE042	118°37.93'	9°47.52'	H	B	15	BR	<5	20	<2	4700	10000	24.3	400
149	AE044	118°37.62'	9°47.90'	H	B	15	BR	<5	10	<2	3230	11000	13.2	320
150	AE045	118°37.54'	9°48.11'	H	B	15	BR	<5	16	<2	3500	13000	14.9	420
151	AE046	118°37.54'	9°47.81'	H	B	15	BR	<5	4	<2	2670	12000	9.8	230
152	AE047	118°37.34'	9°47.76'	H	B	15	BR	<5	6	<2	2140	9300	7.6	240
153	AF002	118°43.48'	9°57.05'	H	B	25	OR	<15	<6	<6	4400	39000	30.9	280
154	AF004	118°43.97'	9°56.90'	H	B	30	RD	<5	6	<2	3700	38000	18.6	360
155	AF005	118°44.18'	9°56.79'	H	B	40	OR	<10	16	<4	3030	42000	15.1	260
156	AF006	118°44.49'	9°56.75'	H	B	35	RD	5	10	<2	2900	38000	16.8	126
157	AF007	118°44.74'	9°56.75'	H	B	40	RD	<10	12	<4	2150	20000	12.1	144
158	AF008	118°38.85'	9°56.83'	H	B	35	BR	100	80	4	5000	16000	34.5	530
159	AF010	118°39.22'	9°56.99'	H	B	35	BR	70	40	4	3600	26000	25.5	480
160	AF011	118°36.80'	9°49.19'	D	B	25	BR	35	68	8	2190	13000	25.8	300
161	AF012	118°36.72'	9°49.13'	D	B	20	BR	10	42	8	1400	6900	14.0	210
162	AF013	118°36.96'	9°49.28'	H	B	30	BR	25	44	6	3700	12000	24.6	380
163	AF014	118°37.08'	9°49.22'	H	B	25	BR	15	16	<2	3800	10000	20.8	370
164	AF015	118°36.96'	9°49.21'	D	B	20	BR	100	82	6	3160	17000	26.1	450
165	AF016	118°36.96'	9°49.15'	D	B	20	RD	100	92	6	3160	17000	26.7	370
166	AF017	118°36.96'	9°49.35'	D	B	25	RD	55	34	<2	3500	10000	23.7	350
167	AF018	118°37.08'	9°49.39'	H	B	25	RD	<5	8	<2	2600	12000	16.0	310
168	AF020	118°35.88'	9°51.60'	H	B	30	BR	40	40	6	1130	5100	12.7	240
169	AF021	118°35.77'	9°51.40'	H	B	30	BR	20	12	<2	3800	17000	17.7	430
170	AF022	118°36.13'	9°51.22'	H	B	35	RD	<5	14	<2	1760	10000	13.9	340
171	AF023	118°36.07'	9°51.17'	D	B	30	BR	<5	24	<2	2850	10000	13.6	290
172	AF024	118°36.28'	9°51.11'	H	B	35	BR	40	34	4	4800	16000	45.0	540
173	AF026	118°36.42'	9°51.03'	D	B	25	BR	<5	8	<2	3700	19000	17.3	410
174	AF027	118°36.80'	9°52.06'	H	B	25	BR	<5	<2	<2	4500	19000	24.0	530
175	AF028	118°37.03'	9°52.04'	H	B	25	RD	10	16	<2	8200	17000	31.5	530
176	AF030	118°37.29'	9°51.85'	H	B	35	BR	20	10	<2	5800	16000	26.7	620
177	AF031	118°37.49'	9°51.82'	D	B	25	RD	<5	16	<2	6400	12000	38.7	570
178	AF032	118°36.88'	9°52.50'	H	B	30	BR	10	26	4	2910	16000	16.2	390
179	AF033	118°36.86'	9°52.35'	H	B	30	BR	<5	10	<2	2180	15000	14.8	310
180	AF034	118°37.19'	9°52.41'	D	B	25	BR	15	24	10	2300	7300	14.3	240
181	AF035	118°37.21'	9°52.30'	H	B	25	BR	<5	12	<2	1980	9000	14.5	260
182	AF036	118°37.39'	9°52.28'	D	B	30	BR	<5	14	<2	2680	15000	14.7	330
183	AF038	118°37.78'	9°55.17'	H	B	28	BR	<5	<2	<2	830	3500	9.6	124
184	AF040	118°37.77'	9°54.84'	H	B	25	BR	<5	6	<2	5900	15000	18.1	460
185	AF041	118°37.79'	9°54.92'	H	B	25	RD	<5	10	<2	6200	19000	26.7	500
186	AF043	118°42.23'	9°56.55'	H	B	30	RD	<10	<4	<4	4900	48000	44.7	580
187	AF044	118°42.02'	9°56.71'	H	B	30	RD	30	40	<4	5100	56000	33.3	530
188	AF045	118°41.76'	9°56.67'	H	B	35	RD	40	40	<4	4800	48000	40.8	540
189	AF046	118°41.57'	9°56.77'	H	B	30	RD	20	20	4	4700	52000	35.7	590
190	AF047	118°41.83'	9°56.88'	H	B	35	RD	20	18	<4	4700	35000	39.3	430
191	AF049	118°41.65'	9°57.13'	H	B	30	RD	<30	24	<12	5700	31000	41.1	590
192	AF050	118°41.58'	9°57.10'	H	B	30	RD	40	38	16	6000	19000	43.8	540
193	AF052	118°41.22'	9°57.02'	H	B	35	RD	40	60	<4	5500	18000	47.7	550
194	AF053	118°41.17'	9°57.17'	H	B	30	BR	40	50	<4	6500	17000	49.2	540
195	AF054	118°38.36'	9°45.76'	H	B	25	BR	<5	6	<2	1780	7800	9.2	163
196	AF055	118°38.27'	9°45.86'	H	B	25	BR	<5	<2	2	1850	8100	9.2	220
197	AF056	118°38.35'	9°45.88'	H	B	30	BR	<5	4	<2	1200	7400	8.1	210
198	AF057	118°38.35'	9°46.00'	H	B	25	BR	<5	4	<2	1600	6500	10.7	230

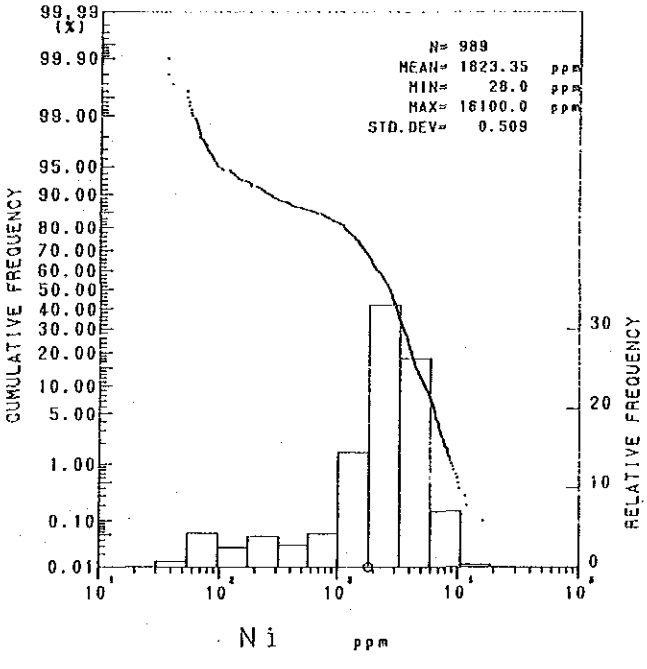
Geology : D;dunite, H;harzburgite, S;serpentinite, G;gabbro, B;basalt

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

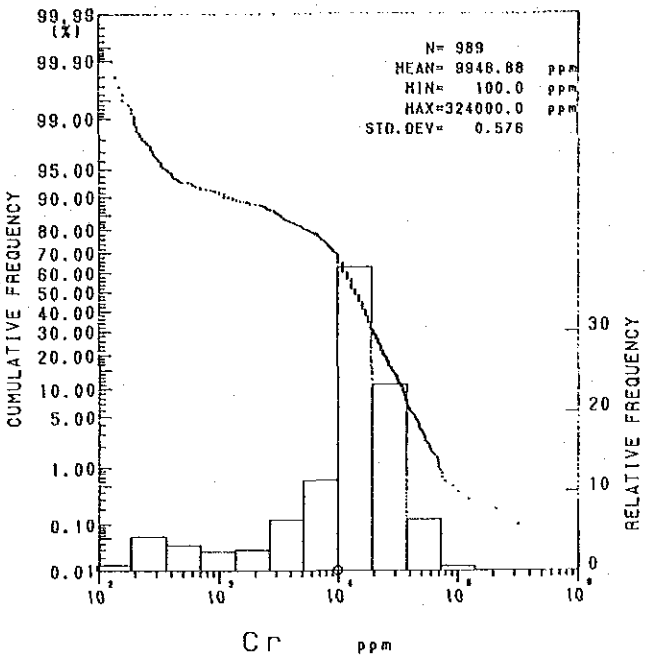


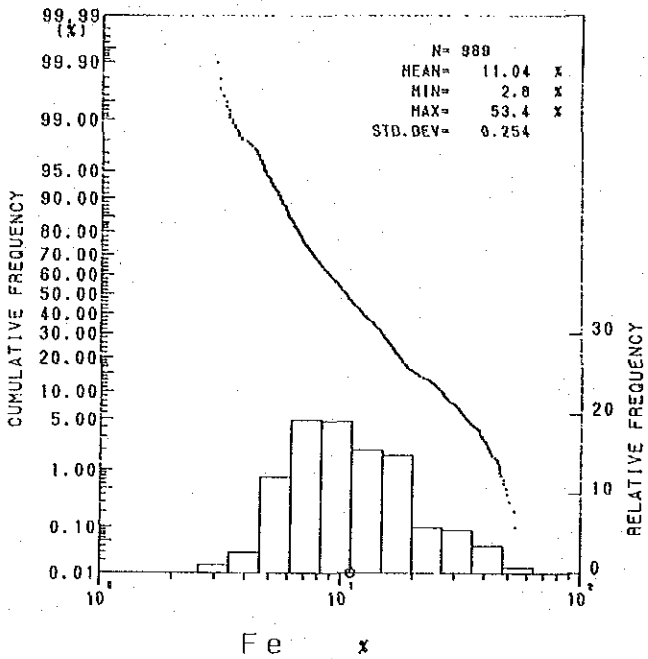


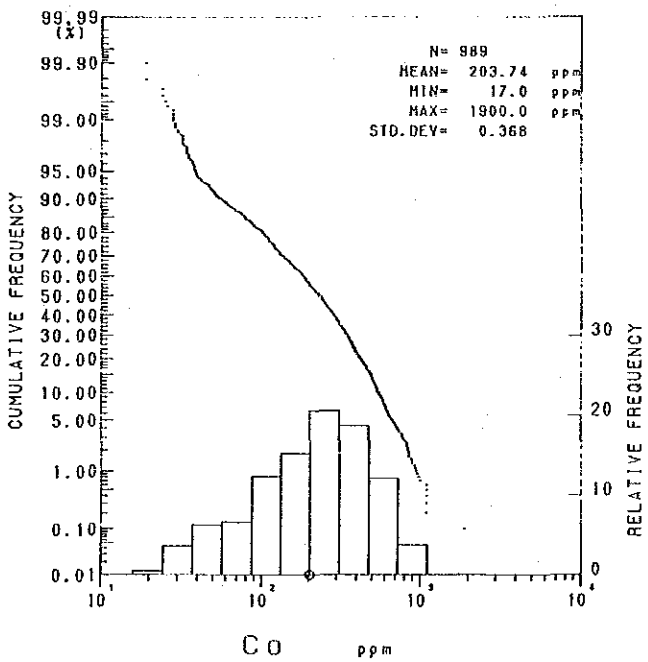


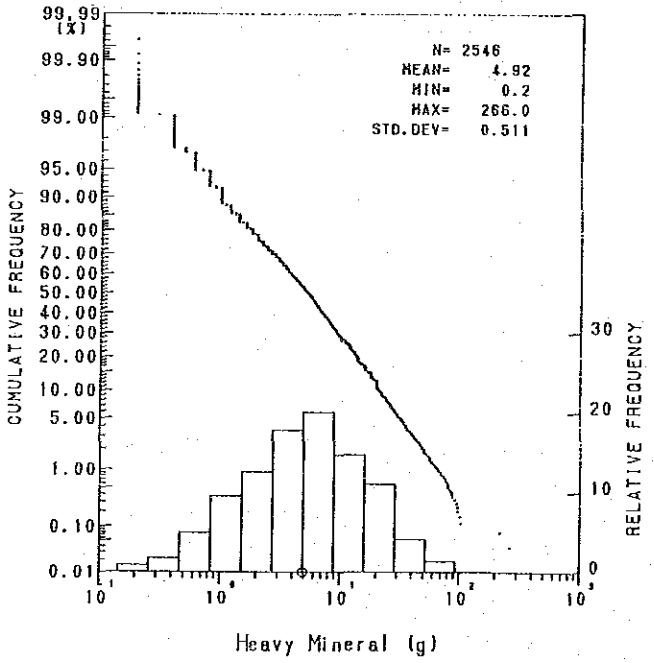


Appendix 8 Cumulative probability plots and histograms of soil samples in area A and B

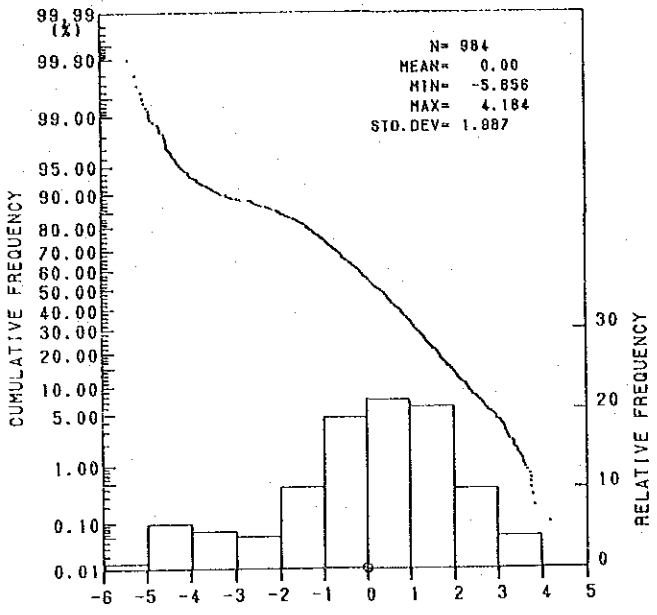




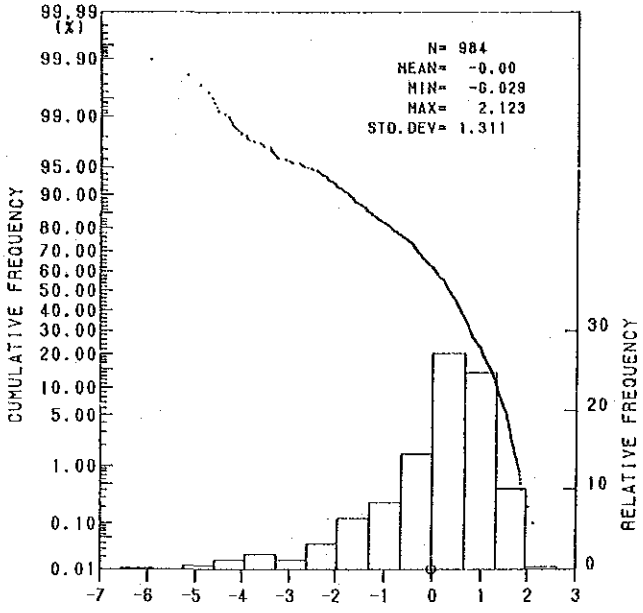




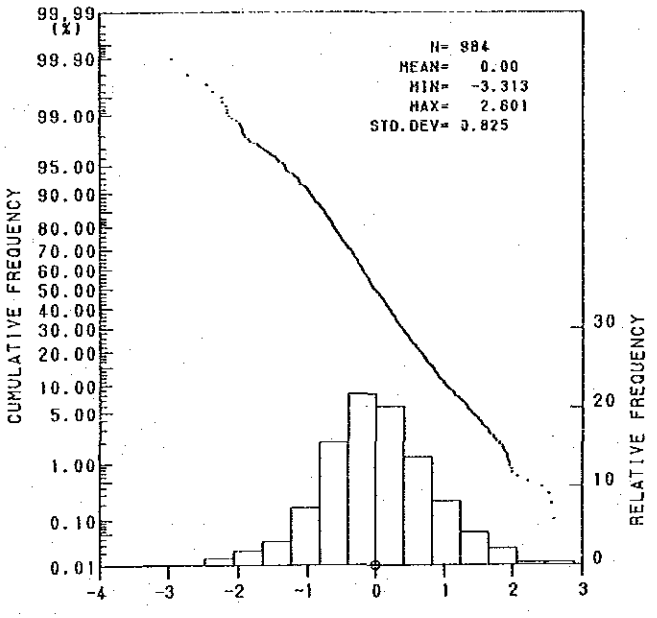
Appendix 8 Cumulative probability plots and histograms of soil samples in area A and B



Z1



Z2



Z3

Appendix 9 Cumulative probability plots and histograms of scores for principal components analysis of soil samples in area A and B

Appendix 10 Chemical analyses of geochemical soil samples in area A-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	A001L	118°36.42'	9°49.53'	H	B	40	BR	20	24	4	590	2300	10.4	86
2	A001R	118°36.42'	9°49.54'	H	B	15	BR	<10	10	<4	2470	18000	12.4	190
3	A002L	118°36.45'	9°49.59'	H	B	10	BR	<30	<12	<12	3800	8600	19.3	570
4	A002R	118°36.44'	9°49.60'	H	B	10	BR	15	10	<2	2350	15000	10.4	176
5	A003L	118°36.46'	9°49.65'	H	B	35	RD	0	0	0	2360	3200	18.2	242
6	A003R	118°36.45'	9°49.65'	H	B	15	RD	<10	<4	<4	3840	8600	14.4	278
7	A004L	118°36.47'	9°49.70'	H	B	35	RD	20	8	<4	4100	5900	16.3	295
8	A004R	118°36.46'	9°49.70'	H	B	35	BR	<5	<2	<2	380	1400	4.6	72
9	A005L	118°36.48'	9°49.74'	H	B	20	RD	<30	<12	<12	2150	6200	11.3	215
10	A005R	118°36.47'	9°49.74'	H	B	20	BR	<5	<2	<2	720	2100	4.9	81
11	A006L	118°36.38'	9°49.54'	H	B	10	BR	20	18	2	450	3700	6.9	100
12	A006R	118°36.38'	9°49.55'	H	B	10	BR	10	10	<2	1430	17000	8.2	192
13	A007L	118°36.32'	9°49.53'	H	B	10	BR	35	26	6	370	3600	8.5	115
14	A007R	118°36.32'	9°49.54'	H	B	10	BR	20	12	<2	1570	10000	9.5	167
15	A008L	118°36.26'	9°49.52'	H	B	10	BR	10	16	<2	370	3700	6.8	83
16	A008R	118°36.26'	9°49.53'	H	B	10	BR	20	16	<2	1440	35000	8.9	173
17	A009L	118°36.29'	9°49.47'	H	B	10	BR	40	34	12	470	2600	7.0	103
18	A009R	118°36.29'	9°49.48'	H	B	10	OR	60	62	12	500	2300	13.9	121
19	A010L	118°36.30'	9°49.42'	H	B	10	BR	35	32	4	430	2900	7.9	104
20	A010R	118°36.31'	9°49.42'	H	B	10	BR	20	36	6	480	2400	8.8	108
21	A011L	118°36.31'	9°49.38'	FG	B	20	BR	30	34	4	480	3000	13.0	123
22	A011R	118°36.32'	9°49.38'	FG	B	20	BR	45	38	4	630	2000	8.3	114
23	A012L	118°36.32'	9°49.33'	H	B	20	BR	20	28	4	290	2100	9.9	112
24	A012R	118°36.32'	9°49.33'	H	B	25	RD	10	18	10	180	1300	8.5	90
25	A013L	118°36.32'	9°49.27'	H	B	15	RD	25	24	4	290	2200	9.4	124
26	A013R	118°36.33'	9°49.28'	H	B	25	RD	30	42	4	390	1600	10.8	109
27	A014L	118°36.21'	9°49.51'	H	B	30	BR	40	60	8	1500	3700	14.0	156
28	A014R	118°36.22'	9°49.52'	H	B	15	BR	20	16	<2	1410	35000	9.4	186
29	A015L	118°36.21'	9°49.46'	H	B	25	RD	30	54	<12	1630	8200	23.0	258
30	A015R	118°36.22'	9°49.47'	H	B	25	YE	<5	6	<2	560	430	4.5	28
31	A016L	118°36.18'	9°49.55'	H	B	25	RD	10	4	<2	1680	15000	8.7	277
32	A016R	118°36.19'	9°49.55'	H	B	20	RD	<10	22	6	1170	29000	9.2	192
33	A017L	118°36.17'	9°49.60'	H	B	15	BR	15	16	2	1050	23000	7.6	145
34	A017R	118°36.18'	9°49.61'	H	B	20	RD	10	10	<4	2900	5700	11.9	216
35	A018L	118°36.13'	9°49.62'	H	B	20	BR	30	16	<2	950	29000	9.1	153
36	A018R	118°36.13'	9°49.63'	H	B	15	BR	10	2	<2	1750	13000	8.9	166
37	A019L	118°36.08'	9°49.60'	H	B	15	BR	20	16	<2	980	20000	5.5	112
38	A019R	118°36.08'	9°49.61'	H	B	15	BR	20	14	<2	850	30000	7.4	148
39	A020L	118°36.03'	9°49.59'	H	B	15	BR	40	24	<2	1610	13000	14.1	260
40	A020R	118°36.04'	9°49.60'	H	B	15	BR	20	16	2	1330	22000	9.0	174
41	A021L	118°36.05'	9°49.54'	H	B	25	RD	30	26	4	1160	15000	12.2	211
42	A021R	118°36.06'	9°49.54'	H	B	15	RD	20	10	<4	3300	25000	19.8	620
43	A022L	118°36.06'	9°49.50'	H	B	10	BR	40	32	2	2130	17000	20.2	318
44	A022R	118°36.07'	9°49.50'	H	B	10	BR	<30	30	<12	3860	20000	22.0	393
45	A023L	118°35.99'	9°49.64'	H	B	20	BL	50	24	<2	1190	35000	8.6	134
46	A023R	118°36.00'	9°49.64'	H	B	20	RD	<5	12	12	3140	27000	19.1	490
47	A024L	118°36.04'	9°49.66'	H	B	15	RD	10	8	<4	3060	19000	18.6	407
48	A024R	118°36.03'	9°49.67'	H	B	15	RD	<30	<12	<12	2500	27000	18.3	420
49	A025L	118°36.07'	9°49.69'	H	B	15	BR	5	4	<2	1920	16000	11.6	242
50	A025R	118°36.06'	9°49.70'	H	B	15	BR	15	4	<2	3100	16000	12.9	328
51	A026L	118°35.96'	9°49.68'	H	B	15	BR	20	16	2	1540	38000	9.4	154
52	A026R	118°35.97'	9°49.69'	H	B	15	BR	15	8	<2	1670	27000	10.2	168
53	A027L	118°35.94'	9°49.72'	H	B	15	BR	30	20	<2	930	30000	7.4	127
54	A027R	118°35.95'	9°49.73'	FG	B	35	BR	10	4	8	2000	6900	11.0	246
55	A028L	118°35.89'	9°49.73'	H	B	20	BR	40	20	8	840	24000	9.2	160
56	A028R	118°35.89'	9°49.74'	H	B	20	BR	5	4	<2	1520	16000	10.4	246
57	A029L	118°35.95'	9°49.77'	H	B	20	BR	10	2	<2	1290	18000	9.6	283
58	A029R	118°35.94'	9°49.77'	H	B	20	BR	<5	2	<2	960	3500	6.8	131
59	A030	118°35.97'	9°49.78'	H	B	20	BR	<10	4	<4	1930	26000	11.7	400
60	A031	118°35.99'	9°49.80'	H	B	15	BR	<30	<12	<12	3000	13000	13.8	510
61	A032	118°36.01'	9°49.82'	H	B	15	RD	10	4	2	1390	10000	10.0	227
62	A033	118°36.03'	9°49.85'	H	B	10	BR	10	2	2	1590	25000	9.8	262
63	A034	118°36.05'	9°49.88'	H	B	10	BR	10	8	8	4000	23000	23.0	730
64	A035L	118°35.85'	9°49.73'	H	B	20	BR	50	20	8	2040	26000	12.0	342
65	A035R	118°35.85'	9°49.74'	H	B	25	BR	15	8	2	870	21000	8.0	178
66	A036L	118°35.80'	9°49.76'	H	B	20	BR	25	18	<2	940	29000	8.4	140
67	A036R	118°35.80'	9°49.77'	H	B	25	YE	15	10	<4	1560	25000	14.5	332
68	A037L	118°35.75'	9°49.81'	H	B	20	RD	25	14	<2	630	8300	10.9	149
69	A037R	118°35.76'	9°49.82'	H	B	20	BR	35	16	4	1240	30000	11.3	219
70	A038L	118°35.72'	9°49.85'	H	B	20	BR	25	14	4	1120	25000	8.2	164

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
71	A038R	118°35.73'	9°49.86'	H	B	20	BR	30	12	<6	2600	29000	14.3	349
72	A039L	118°35.70'	9°49.89'	H	B	20	RD	<30	12	<12	5400	19000	23.0	338
73	A039R	118°35.71'	9°49.89'	H	B	15	BR	30	12	4	1200	32000	7.8	144
74	A040L	118°35.68'	9°49.93'	H	B	20	BR	30	18	4	990	21000	7.8	143
75	A040R	118°35.69'	9°49.94'	H	B	20	RD	<5	<2	<2	1510	27000	9.3	211
76	A041L	118°35.64'	9°49.96'	H	B	15	BR	25	18	<2	1070	25000	8.4	177
77	A041R	118°35.64'	9°49.97'	H	B	15	BR	25	14	<2	2460	18000	12.2	311
78	A042L	118°35.61'	9°49.94'	H	B	15	BR	15	16	<2	1140	47000	7.3	133
79	A042R	118°35.61'	9°49.95'	H	B	15	BR	<10	12	8	1610	42000	9.2	205
80	A043L	118°35.58'	9°49.97'	H	B	15	BR	20	16	<2	1140	56000	7.6	139
81	A043R	118°35.58'	9°49.97'	H	B	20	BR	30	20	<2	1400	26000	9.0	191
82	A044L	118°35.54'	9°49.99'	H	B	15	BR	25	20	<2	1100	27000	7.4	143
83	A044R	118°35.55'	9°50.00'	H	B	15	BR	25	16	2	1070	34000	7.4	146
84	A045L	118°35.73'	9°49.94'	H	B	15	YE	15	8	<2	1420	20000	8.9	292
85	A045R	118°35.72'	9°49.94'	H	B	15	YE	<10	4	<4	1480	30000	8.6	303
86	A046L	118°35.78'	9°49.95'	H	B	15	BR	5	8	<2	2130	12000	12.3	308
87	A046R	118°35.77'	9°49.96'	H	B	15	BR	30	12	<12	3000	18000	15.6	510
88	A047L	118°35.82'	9°49.96'	H	B	15	RD	5	8	<2	1980	14000	12.9	355
89	A047R	118°35.82'	9°49.97'	H	B	15	BR	10	8	<2	2730	14000	12.5	304
90	A048	118°35.86'	9°49.98'	H	B	15	BR	10	8	<2	1800	13000	12.9	288
91	A049	118°35.89'	9°49.98'	FG	B	15	BR	<5	2	4	890	4100	8.0	182
92	A050	118°35.93'	9°49.98'	H	B	15	RD	10	10	<2	1980	5400	13.0	214
93	A051	118°35.97'	9°49.99'	H	B	15	BR	10	8	<2	2500	11000	14.1	217
94	A052L	118°35.72'	9°49.96'	H	B	15	RD	25	8	<2	3790	21000	18.3	630
95	A052R	118°35.72'	9°49.97'	H	B	15	RD	20	16	<4	5300	10000	23.0	361
96	A053	118°35.75'	9°49.99'	H	B	15	BR	15	6	<2	1290	24000	12.9	248
97	A054	118°35.80'	9°50.02'	H	B	15	RD	20	14	<2	1790	16000	16.2	328
98	A055	118°35.83'	9°50.03'	H	B	15	BR	15	8	<2	4100	31000	17.9	660
99	A056	118°35.55'	9°49.89'	H	B	15	RD	80	100	12	2710	13000	44.0	610
100	A057L	118°35.49'	9°50.00'	H	B	15	YE	25	12	<2	1170	24000	8.0	158
101	A057R	118°35.50'	9°50.00'	H	B	20	YE	35	14	<2	1130	19000	8.1	149
102	A058L	118°35.44'	9°50.00'	H	B	20	BR	20	10	<2	850	13000	6.8	137
103	A058R	118°35.44'	9°50.01'	H	B	15	BR	20	14	2	850	20000	10.2	215
104	A059L	118°35.39'	9°50.02'	H	B	15	BR	20	14	<2	1080	33000	6.5	129
105	A059R	118°35.39'	9°50.02'	H	B	15	BL	25	16	<2	750	14000	8.7	246
106	A060L	118°35.33'	9°50.03'	H	B	15	BR	35	34	2	820	27000	11.1	135
107	A060R	118°35.34'	9°50.04'	H	B	15	BR	15	16	6	950	46000	5.7	128
108	A061L	118°35.29'	9°50.06'	H	B	15	BR	25	20	<2	1040	23000	8.7	166
109	A061R	118°35.29'	9°50.07'	H	B	15	BR	25	14	<2	550	19000	4.7	143
110	A062L	118°35.24'	9°50.07'	H	B	15	BR	40	18	<2	1030	46000	6.8	125
111	A062R	118°35.24'	9°50.08'	H	B	15	RD	50	40	4	660	39000	14.0	70
112	A063L	118°35.19'	9°50.06'	H	B	15	OR	<30	24	<12	880	12000	20.6	151
113	A063R	118°35.19'	9°50.07'	H	B	15	YE	25	20	<2	1070	42000	8.0	144
114	A064L	118°35.30'	9°50.10'	H	B	15	BR	20	20	<2	480	5200	6.8	124
115	A064R	118°35.30'	9°50.11'	H	B	15	BR	60	34	6	780	16000	7.3	215
116	A065L	118°35.33'	9°50.14'	H	B	15	BL	25	26	<2	960	11000	11.3	203
117	A065R	118°35.32'	9°50.14'	H	B	15	BR	30	20	2	480	7600	9.5	304
118	A066L	118°35.35'	9°50.17'	H	B	15	BL	35	20	<2	1590	14000	12.3	360
119	A066R	118°35.34'	9°50.17'	H	B	15	BR	40	30	4	1170	29000	8.8	287
120	A067	118°35.37'	9°50.20'	H	B	15	GR	10	4	<2	570	1400	5.0	79
121	A068	118°35.38'	9°50.23'	H	B	15	BR	40	20	12	320	3700	4.1	107
122	A069	118°35.41'	9°50.27'	H	B	15	BR	70	56	4	720	24000	7.6	189
123	A070L	118°35.16'	9°50.10'	H	B	15	BR	130	44	4	1170	24000	8.3	143
124	A070R	118°35.17'	9°50.11'	H	B	15	BR	25	16	4	1020	19000	7.0	155
125	A071L	118°35.14'	9°50.14'	H	B	15	RD	45	56	10	980	20000	15.3	190
126	A071R	118°35.14'	9°50.14'	H	B	15	BR	20	18	2	1150	41000	8.2	142
127	A072L	118°35.10'	9°50.16'	H	B	15	RD	40	58	10	940	8900	18.1	178
128	A072R	118°35.10'	9°50.16'	H	B	15	BR	15	18	4	1290	49000	9.0	161
129	A073L	118°35.05'	9°50.17'	H	B	15	BR	30	20	8	820	26000	9.4	134
130	A073R	118°35.05'	9°50.18'	H	B	15	BR	40	18	4	950	17000	7.6	141
131	A074L	118°35.01'	9°50.21'	H	B	10	BR	25	16	2	780	23000	5.9	117
132	A074R	118°35.01'	9°50.22'	H	B	25	BR	10	6	4	680	17000	8.9	293
133	A075L	118°34.97'	9°50.22'	H	B	15	BR	30	14	4	1190	22000	6.3	113
134	A075R	118°34.97'	9°50.22'	H	B	15	BR	35	26	6	690	18000	8.4	161
135	A076L	118°34.93'	9°50.23'	H	B	15	RD	40	14	4	940	45000	7.2	117
136	A076R	118°34.93'	9°50.23'	H	B	15	BR	35	14	2	750	23000	6.6	121
137	A077L	118°34.89'	9°50.26'	H	B	10	RD	45	42	12	810	11000	14.6	200
138	A077R	118°34.90'	9°50.27'	H	B	10	BR	40	18	4	1110	27000	7.8	143
139	A078L	118°34.87'	9°50.29'	H	B	10	BR	25	18	2	970	22000	7.4	132
140	A078R	118°34.88'	9°50.29'	H	B	10	BR	20	16	2	1180	38000	8.6	146

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
141	A079L	118°34.82'	9°50.30'	H	B	20	BR	25	16	4	1070	21000	7.9	142
142	A079R	118°34.83'	9°50.30'	H	B	15	BR	20	16	26	980	26000	7.1	133
143	A080L	118°34.77'	9°50.29'	H	B	15	BR	25	18	<2	1040	20000	7.5	134
144	A080R	118°34.77'	9°50.30'	H	B	15	BR	5	14	<2	1130	58000	8.0	162
145	A086L	118°35.06'	9°50.22'	H	B	15	BR	30	14	<2	1170	25000	7.4	129
146	A086R	118°35.06'	9°50.23'	H	B	15	BR	25	14	2	830	13000	7.5	118
147	A087L	118°35.11'	9°50.23'	H	B	15	BR	15	14	<2	1160	25000	7.1	124
148	A087R	118°35.10'	9°50.24'	H	B	15	BR	15	6	<2	1430	16000	13.6	288
149	A088L	118°35.14'	9°50.25'	H	B	15	YE	<5	<2	<2	230	1700	6.1	86
150	A088R	118°35.13'	9°50.26'	H	B	15	BR	10	<2	<2	750	2800	6.1	94
151	A089	118°35.17'	9°50.26'	H	B	20	RD	30	16	<4	1830	20000	18.4	394
152	A090	118°35.20'	9°50.28'	H	B	20	BR	55	46	6	1100	19000	8.8	219
153	A091	118°35.23'	9°50.31'	H	B	10	YE	10	40	4	650	10000	7.9	190
154	A092	118°35.24'	9°50.33'	H	B	10	RD	20	22	4	1540	10000	14.1	306
155	A093	118°34.88'	9°50.22'	H	B	10	BR	15	34	4	180	11000	10.8	72
156	A094	118°34.89'	9°50.18'	H	B	10	RD	<5	4	<2	18	900	8.0	32
157	A095	118°34.95'	9°50.12'	H	B	10	BR	<5	6	<2	15	420	5.8	6
158	A096	118°34.97'	9°50.07'	G	B	10	RD	<5	4	<2	2	300	8.4	5
159	A097	118°35.00'	9°50.02'	G	B	10	BR	5	4	<2	3	260	6.5	7
160	A098	118°35.03'	9°49.98'	G	B	10	RD	<5	4	<2	24	260	10.7	4
161	A099	118°34.82'	9°50.13'	G	B	10	RD	<5	4	<2	39	330	9.9	56
162	A100	118°34.84'	9°50.08'	G	B	10	RD	<5	18	<2	13	350	11.6	20
163	A101	118°34.86'	9°50.03'	G	B	10	RD	<5	2	6	12	220	10.7	4
164	A102	118°34.89'	9°49.97'	G	B	10	RD	<5	6	<2	14	270	12.6	7
165	A103	118°34.92'	9°49.94'	G	B	10	RD	<5	4	<2	3	220	10.7	6
166	A104	118°34.96'	9°49.91'	G	B	10	RD	<5	6	10	15	250	13.0	13
167	A105	118°35.01'	9°49.87'	G	B	10	RD	<5	6	2	13	260	12.7	9
168	A106	118°35.05'	9°49.84'	G	B	10	RD	<5	4	<2	17	210	12.1	11
169	A107	118°35.10'	9°49.82'	G	B	10	RD	<10	<4	<4	27	190	13.7	13
170	A108	118°35.15'	9°49.82'	G	B	10	RD	10	12	2	37	250	16.0	41
171	A109	118°35.19'	9°49.79'	G	B	15	RD	<5	<2	<2	12	140	14.4	13
172	A110	118°35.23'	9°49.76'	G	B	15	RD	<5	4	<2	21	150	13.6	30
173	A111	118°35.26'	9°49.74'	G	B	15	RD	<5	<2	<2	10	150	10.8	21
174	A112L	118°36.75'	9°51.86'	H	B	15	BL	20	6	2	5300	30000	15.3	600
175	A112R	118°36.76'	9°51.87'	H	B	15	BL	10	6	2	6000	23000	16.1	520
176	A113L	118°36.69'	9°51.81'	H	B	15	RD	30	14	2	8300	25000	28.0	940
177	A113R	118°36.70'	9°51.81'	H	B	15	RD	30	28	4	7800	18000	43.5	950
178	A114L	118°36.67'	9°51.77'	H	B	15	BR	15	8	<2	9500	28000	22.0	1010
179	A114R	118°36.68'	9°51.77'	H	B	15	RD	25	10	2	4030	22000	25.0	890
180	A115L	118°36.65'	9°51.72'	H	B	15	RD	30	12	<2	7900	36000	31.0	1110
181	A115R	118°36.66'	9°51.72'	H	B	15	RD	20	14	2	9100	21000	32.0	1560
182	A116L	118°36.62'	9°51.66'	H	B	15	BR	20	8	<2	5800	14000	17.7	490
183	A116R	118°36.63'	9°51.66'	H	B	15	RD	10	8	4	4070	10000	16.5	460
184	A117L	118°36.59'	9°51.61'	H	B	15	BR	30	10	<2	8200	25000	27.0	950
185	A117R	118°36.60'	9°51.61'	FG	B	15	BR	20	8	4	9000	28000	30.0	1230
186	A118L	118°36.55'	9°51.59'	H	B	15	BL	25	10	4	7000	24000	22.0	770
187	A118R	118°36.56'	9°51.59'	H	B	15	BR	40	12	4	8800	20000	27.5	890
188	A119	118°36.53'	9°51.53'	H	B	15	BR	20	10	<2	7000	21000	21.5	790
189	A120	118°36.51'	9°51.50'	H	B	15	RD	20	14	4	6400	18000	20.0	690
190	A121	118°36.50'	9°51.46'	H	B	15	RD	50	26	2	6500	23000	33.0	960
191	A122L	118°36.73'	9°51.89'	H	B	15	BR	30	8	<2	5700	29000	17.6	620
192	A122R	118°36.74'	9°51.90'	H	B	15	BR	15	6	8	5100	26000	15.8	400
193	A123L	118°36.70'	9°51.94'	H	B	15	RD	30	14	<2	7100	21000	29.5	650
194	A123R	118°36.71'	9°51.94'	H	B	15	BR	10	6	4	4700	23000	14.2	420
195	A124L	118°36.67'	9°51.98'	H	B	15	RD	25	12	<2	6100	28000	22.5	510
196	A124R	118°36.68'	9°51.98'	H	B	15	BL	<5	4	<2	4800	25000	13.2	340
197	A125L	118°36.64'	9°52.01'	H	B	15	BR	15	20	8	5500	33000	20.3	610
198	A125R	118°36.64'	9°52.02'	H	B	15	BR	20	14	2	5900	36000	17.5	430
199	A126L	118°36.60'	9°52.07'	H	B	15	BR	15	8	<2	4600	40000	14.1	430
200	A126R	118°36.61'	9°52.08'	H	B	15	RD	20	20	<2	5700	23000	24.0	530
201	A127L	118°36.75'	9°51.58'	H	B	15	BR	15	6	<2	4900	29000	17.5	660
202	A127R	118°36.77'	9°51.58'	H	B	15	BR	20	10	<2	6600	34000	20.6	590
203	A128L	118°36.77'	9°51.54'	H	B	15	BR	20	8	2	6700	29000	22.4	850
204	A128R	118°36.78'	9°51.54'	H	B	15	BR	30	18	<2	8900	23000	32.0	760
205	A129L	118°36.76'	9°51.49'	H	B	15	BR	10	6	2	3250	11000	15.3	340
206	A129R	118°36.77'	9°51.49'	H	B	15	RD	10	16	<2	5400	20000	24.0	700
207	A130L	118°36.75'	9°51.44'	H	B	15	BR	20	20	2	4900	2300	12.2	350
208	A130R	118°36.76'	9°51.44'	H	B	15	RD	10	8	<2	2990	7800	21.0	410
209	A131L	118°36.74'	9°51.39'	H	B	15	RD	25	10	<2	9700	21000	28.0	1050
210	A131R	118°36.75'	9°51.39'	H	B	15	RD	30	20	<2	7300	20000	35.5	820

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
211	A132L	118°36.74'	9°51.34'	H	B	15	RD	20	10	4	8200	18000	29.0	760
212	A132R	118°36.75'	9°51.34'	H	B	15	RD	20	14	4	9900	11000	23.0	560
213	A133L	118°36.75'	9°51.29'	H	B	15	RD	25	16	2	6700	18000	31.0	740
214	A133R	118°36.76'	9°51.29'	H	B	15	BR	10	8	<2	6000	10000	16.5	360
215	A134L	118°36.75'	9°51.25'	H	B	15	RD	20	6	4	4700	16000	15.7	430
216	A134R	118°36.76'	9°51.25'	H	B	15	RD	30	20	<2	8100	18000	38.0	650
217	A135L	118°36.77'	9°51.21'	H	B	15	BR	25	16	<2	3800	14000	19.8	460
218	A135R	118°36.78'	9°51.21'	H	B	15	BR	30	16	<2	3400	13000	18.6	420
219	A136	118°36.78'	9°51.17'	H	B	15	BR	40	30	4	6600	14000	25.0	580
220	A137L	118°36.56'	9°52.11'	H	B	15	BR	20	6	2	4100	46000	14.9	380
221	A137R	118°36.57'	9°52.12'	H	B	15	RD	20	12	2	3800	25000	25.0	350
222	A138L	118°36.51'	9°52.14'	H	B	15	RD	10	6	8	4100	26000	11.4	430
223	A138R	118°36.52'	9°52.15'	H	B	15	RD	20	16	4	5100	30000	20.0	330
224	A139L	118°36.47'	9°52.17'	H	B	15	BR	10	8	4	5500	37000	14.4	390
225	A139R	118°36.47'	9°52.17'	H	B	15	RD	30	22	6	4600	31000	18.2	350
226	A140L	118°36.44'	9°52.22'	H	B	15	BR	10	8	4	4700	29000	12.2	350
227	A140R	118°36.45'	9°52.22'	H	B	15	RD	20	16	2	4800	27000	16.7	380
228	A141L	118°36.46'	9°52.27'	H	B	15	BR	20	18	8	4400	18000	21.0	410
229	A141R	118°36.46'	9°52.27'	H	B	15	RD	30	18	8	6100	32000	34.0	510
230	A142L	118°36.41'	9°52.27'	H	B	15	BR	20	6	2	4400	22000	13.6	320
231	A142R	118°36.42'	9°52.28'	H	B	15	BR	15	16	4	4700	45000	21.0	380
232	A143L	118°36.39'	9°52.31'	S	B	15	BR	20	6	<2	4700	44000	15.5	340
233	A143R	118°36.39'	9°52.31'	S	B	15	BR	20	10	4	5300	31000	17.2	330
234	A144L	118°36.35'	9°52.33'	S	B	15	BR	15	6	6	5200	28000	15.9	360
235	A144R	118°36.36'	9°52.34'	S	B	15	BR	10	12	2	4400	47000	14.9	310
236	A145L	118°36.31'	9°52.36'	S	B	15	BR	15	8	<2	5200	27000	14.7	320
237	A145R	118°36.32'	9°52.37'	S	B	15	BR	20	8	2	4700	45000	15.0	370
238	A146	118°36.34'	9°52.31'	S	B	15	BR	20	6	<2	5200	32000	15.9	370
239	A147	118°36.36'	9°52.26'	S	B	15	BR	20	8	4	5400	33000	17.4	420
240	A148	118°36.39'	9°52.22'	H	B	15	RD	40	30	14	4700	36000	28.0	440
241	A149	118°36.42'	9°52.17'	H	B	15	BR	30	10	4	5300	37000	16.5	360
242	A150	118°36.43'	9°52.13'	H	B	15	BR	20	10	2	4100	50000	15.6	360
243	A151	118°36.49'	9°52.11'	H	B	15	BR	25	10	4	4600	32000	13.0	570
244	A152	118°36.50'	9°52.05'	H	B	15	BL	30	4	<2	3400	49000	13.2	420
245	A153	118°36.52'	9°52.00'	H	B	15	BR	25	12	2	3000	26000	11.5	300
246	A154	118°36.50'	9°51.93'	H	B	15	BR	30	12	4	3500	27000	12.9	330
247	A155	118°36.49'	9°51.89'	H	B	15	BR	40	14	4	4300	26000	14.0	460
248	A156	118°36.48'	9°51.84'	H	B	15	BR	40	16	2	6300	25000	23.0	650
249	A157	118°36.49'	9°51.79'	H	B	15	BR	15	4	<2	2500	8000	11.4	220
250	A158	118°36.50'	9°51.75'	H	B	15	BR	20	6	<2	6200	19000	24.0	720
251	A159	118°36.18'	9°51.95'	S	B	15	BL	<5	4	2	3200	18000	13.3	310
252	A160	118°36.19'	9°51.90'	H	B	15	BL	10	10	4	3300	21000	13.3	400
253	A161	118°36.23'	9°51.88'	H	B	15	BR	20	10	2	4000	17000	13.4	390
254	A162	118°36.24'	9°51.83'	H	B	15	BR	25	10	<2	4400	29000	17.0	480
255	A163	118°36.26'	9°51.79'	H	B	15	BR	45	22	4	5400	23000	25.0	620
256	A164	118°36.28'	9°51.75'	H	B	15	BR	20	10	6	4300	13000	15.9	380
257	A165	118°36.32'	9°51.71'	H	B	15	BR	20	8	4	7300	20000	20.0	630
258	A166	118°36.38'	9°51.69'	H	B	15	RD	40	20	<2	9200	22000	36.0	720
259	A167L	118°36.71'	9°51.57'	H	B	15	BR	15	6	<2	5800	25000	20.0	730
260	A167R	118°36.72'	9°51.56'	H	B	15	BR	30	6	<2	7200	30000	24.0	950
261	A168L	118°36.66'	9°51.54'	H	B	15	BR	30	6	4	5900	34000	21.0	760
262	A168R	118°36.67'	9°51.53'	H	B	15	BR	10	2	<2	3200	10000	10.0	350
263	A169L	118°36.63'	9°51.51'	H	B	15	RD	35	12	2	6500	28000	28.0	730
264	A169R	118°36.63'	9°51.50'	H	B	15	RD	25	10	4	6500	31000	25.0	640
265	A170	118°36.58'	9°51.48'	H	B	15	RD	25	6	<2	2900	18000	19.7	380
266	A171	118°36.54'	9°51.46'	H	B	15	BR	25	10	4	5200	25000	21.0	600
267	A172L	118°36.64'	9°51.94'	H	B	15	BR	20	14	4	4800	37000	17.2	410
268	A172R	118°36.65'	9°51.94'	H	B	15	BR	20	4	<2	3700	48000	14.3	470
269	A173L	118°36.64'	9°51.90'	H	B	15	BR	20	8	8	3700	21000	16.1	390
270	A173R	118°36.65'	9°51.89'	H	B	15	BR	5	4	<2	3100	51000	11.6	390
271	A174L	118°36.63'	9°51.84'	H	B	15	BR	15	6	12	4200	24000	14.9	420
272	A174R	118°36.64'	9°51.84'	H	B	15	BR	20	6	<2	8400	28000	21.0	740
273	A175L	118°36.61'	9°51.81'	H	B	15	BR	15	6	<2	4700	18000	17.7	650
274	A175R	118°36.62'	9°51.81'	H	B	15	BR	15	6	<2	6600	20000	23.0	670
275	A176L	118°36.59'	9°51.77'	H	B	15	BR	20	6	<2	5200	8000	17.0	360
276	A176R	118°36.60'	9°51.77'	H	B	15	BR	15	8	6	7100	19000	20.2	630
277	A177L	118°36.56'	9°51.73'	H	B	15	BR	25	8	<2	5900	26000	28.0	950
278	A177R	118°36.57'	9°51.72'	H	B	15	BR	30	10	<2	5500	22000	20.0	790
279	A178L	118°36.51'	9°51.69'	H	B	15	BR	40	10	6	8300	33000	34.0	1160
280	A178R	118°36.53'	9°51.69'	H	B	15	BR	30	8	<2	6500	24000	17.0	610

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
281	A179	118°36.50'	9°51.66'	H	B	15	BR	20	8	<2	5900	23000	18.4	620
282	B001L	118°36.76'	9°49.38'	H	B	15	RD	35	28	4	830	18000	10.0	187
283	B001R	118°36.76'	9°49.39'	H	B	15	RD	15	8	<2	1750	10000	13.4	250
284	B002L	118°36.70'	9°49.39'	H	B	10	BR	60	66	12	980	10000	11.9	252
285	B002R	118°36.71'	9°49.40'	H	B	10	BR	30	16	<2	2380	26000	12.0	238
286	B003L	118°36.65'	9°49.41'	H	B	25	BR	30	24	4	600	3100	8.8	128
287	B003R	118°36.66'	9°49.42'	H	B	20	BR	120	18	<2	1930	16000	9.8	182
288	B004L	118°36.61'	9°49.44'	H	B	20	BR	20	24	4	490	4800	8.2	116
289	B004R	118°36.62'	9°49.45'	H	B	20	BR	20	12	<2	2510	18000	13.1	270
290	B005L	118°36.60'	9°49.40'	H	B	15	OR	20	30	10	740	2100	9.9	112
291	B005R	118°36.61'	9°49.39'	H	B	20	OR	30	30	6	660	4100	11.0	160
292	B006L	118°36.60'	9°49.35'	H	B	25	OR	40	46	14	710	5100	13.3	191
293	B006R	118°36.60'	9°49.35'	H	B	20	BR	50	50	270	740	6500	13.0	247
294	B007L	118°36.58'	9°49.31'	H	B	35	BR	20	28	6	1050	14000	16.4	234
295	B007R	118°36.59'	9°49.31'	H	B	35	BR	40	40	4	830	3200	12.8	167
296	B008L	118°36.56'	9°49.27'	H	B	35	RD	40	40	4	940	11000	13.6	224
297	B008R	118°36.57'	9°49.26'	H	B	35	RD	35	32	10	730	11000	9.6	166
298	B009L	118°36.54'	9°49.21'	H	B	35	BR	15	22	4	480	1000	8.2	94
299	B009R	118°36.54'	9°49.21'	H	B	25	BR	15	30	4	1440	11000	17.6	301
300	B010L	118°36.53'	9°49.16'	D	B	25	BR	30	38	14	600	2400	9.7	131
301	B010R	118°36.54'	9°49.16'	D	B	35	RD	65	68	6	1150	10000	11.3	213
302	B011L	118°36.52'	9°49.11'	D	B	25	OR	30	44	8	460	3000	13.3	181
303	B011R	118°36.52'	9°49.11'	D	B	30	OR	10	18	4	300	980	10.7	108
304	B012L	118°36.50'	9°49.06'	H	B	35	BR	30	32	4	380	3200	9.5	128
305	B012R	118°36.51'	9°49.05'	H	B	25	BR	50	68	18	620	5700	14.0	206
306	B013L	118°36.48'	9°49.00'	H	B	25	BR	15	16	<2	360	1800	7.8	106
307	B013R	118°36.49'	9°49.00'	H	B	35	BR	35	32	4	520	2900	9.3	133
308	B014L	118°36.80'	9°49.37'	H	B	25	BR	35	16	<2	1770	31000	12.3	214
309	B014R	118°36.80'	9°49.38'	H	B	20	BR	25	14	<2	2050	13000	12.3	264
310	B015L	118°36.83'	9°49.39'	H	B	25	BR	20	6	<2	2310	16000	13.2	289
311	B015R	118°36.82'	9°49.39'	H	B	25	RD	10	4	10	350	14000	23.1	610
312	B016L	118°36.85'	9°49.43'	H	B	25	BR	10	4	<2	1870	10000	9.6	197
313	B016R	118°36.84'	9°49.44'	H	B	25	BR	25	4	<2	2100	10000	11.9	257
314	B017L	118°36.89'	9°49.47'	FG	B	25	YE	10	<2	<2	1090	3900	7.6	137
315	B017R	118°36.88'	9°49.48'	FG	B	35	BR	35	4	<2	3600	20000	20.9	430
316	B018L	118°36.94'	9°49.53'	H	B	20	RD	25	6	<2	3390	23000	24.0	470
317	B018R	118°36.93'	9°49.53'	H	B	20	RD	20	4	<2	7500	35000	26.0	700
318	B019L	118°36.98'	9°49.55'	D	B	20	RD	10	4	<2	3210	19000	25.0	470
319	B019R	118°36.98'	9°49.56'	D	B	25	RD	25	4	<2	3780	23000	23.1	580
320	B020L	118°37.02'	9°49.57'	D	B	20	RD	5	2	<2	3360	22000	21.0	450
321	B020R	118°37.02'	9°49.58'	D	B	20	RD	20	4	<2	3480	17000	25.0	580
322	B021L	118°37.06'	9°49.60'	D	B	20	RD	5	4	<2	292	26000	25.0	385
323	B021R	118°37.06'	9°49.61'	D	B	20	RD	15	6	<2	2900	21000	27.0	364
324	B022L	118°37.11'	9°49.61'	D	B	25	RD	40	8	<4	3430	20000	35.0	470
325	B022R	118°37.10'	9°49.62'	D	B	25	RD	<5	6	4	2220	14000	21.0	261
326	B023L	118°37.14'	9°49.62'	FG	B	30	RD	<5	4	<2	3060	39000	26.0	271
327	B023R	118°37.14'	9°49.62'	FG	B	25	RD	<5	<2	<2	3560	44000	19.6	480
328	B024L	118°37.18'	9°49.63'	D	B	30	RD	<5	4	<2	3030	26000	28.0	339
329	B024R	118°37.18'	9°49.64'	D	B	30	RD	<5	4	<2	3040	19000	24.0	383
330	B025L	118°37.21'	9°49.63'	D	B	20	RD	<5	4	<2	3420	14000	26.0	394
331	B025R	118°37.21'	9°49.64'	D	B	20	RD	10	<2	<2	3320	12000	15.6	300
332	B026L	118°37.25'	9°49.64'	D	B	20	RD	15	4	<2	3540	23000	24.2	620
333	B026R	118°37.24'	9°49.65'	D	B	15	RD	10	2	4	8600	42000	23.0	710
334	B027L	118°37.29'	9°49.66'	D	B	20	RD	5	2	2	215	10000	17.1	273
335	B027R	118°37.29'	9°49.67'	D	B	20	RD	<5	<2	<2	272	27000	14.3	285
336	B028L	118°36.94'	9°49.21'	D	B	35	BR	130	110	4	2430	11000	26.0	371
337	B028R	118°36.95'	9°49.21'	D	B	25	BR	120	42	<2	309	24000	24.2	450
338	B029R	118°36.94'	9°49.16'	D	B	25	BR	35	10	<2	2620	15000	19.5	388
339	B030L	118°36.95'	9°49.16'	D	B	20	BR	70	28	<2	2420	25000	23.0	560
340	B030R	118°36.95'	9°49.11'	D	B	25	BR	40	18	<2	3160	22000	24.2	450
341	B031L	118°36.96'	9°49.12'	D	B	20	BL	<5	2	4	1230	33000	9.9	161
342	B031R	118°36.97'	9°49.07'	D	B	20	RD	20	14	<2	4070	29000	32.0	610
343	B032L	118°36.98'	9°49.07'	D	B	20	BL	25	16	<2	2680	39000	19.8	580
344	B032R	118°37.01'	9°49.03'	D	B	20	BR	15	16	<2	3530	12000	30.0	540
345	B033L	118°37.02'	9°49.03'	D	B	20	RD	40	30	<2	970	24000	16.9	254
346	B033R	118°37.06'	9°49.01'	D	B	20	BR	<5	4	<2	1380	4400	16.6	200
347	B034L	118°37.07'	9°49.02'	D	B	25	OR	15	14	<2	2100	24000	22.0	333
348	B034R	118°37.12'	9°48.97'	D	B	25	RD	<5	8	<2	3180	15000	26.4	480
349	B035L	118°37.12'	9°48.98'	D	B	20	RD	20	20	<2	1590	15000	26.0	199
350	B035R	118°37.17'	9°48.96'	D	B	25	RD	15	14	<2	2620	13000	29.0	379

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
351	B036L	118°37.17'	9°48.97'	D	B	25	OR	30	32	<2	2300	50000	20.2	440
352	B036R	118°37.20'	9°48.93'	D	B	20	OR	20	20	<2	1280	11000	23.0	222
353	B037L	118°37.21'	9°48.93'	D	B	25	OR	<5	2	<2	260	570	8.2	78
354	B037R	118°37.24'	9°48.89'	D	B	25	OR	10	18	<2	410	4400	12.6	104
355	B038L	118°37.25'	9°48.89'	D	B	35	BR	20	24	<2	2610	36000	17.6	470
356	B038R	118°37.30'	9°48.84'	D	B	25	BR	50	40	4	870	14000	17.1	229
357	B039L	118°37.31'	9°48.85'	FG	B	25	BR	55	28	10	3440	21000	23.0	347
358	B039R	118°37.35'	9°48.82'	FG	B	35	BR	30	16	<2	1150	19000	17.6	265
359	B040L	118°36.97'	9°49.58'	D	B	20	RD	30	8	<2	3330	24000	23.0	470
360	B040R	118°36.96'	9°49.59'	D	B	25	RD	35	10	<2	3770	11000	20.9	540
361	B041L	118°37.03'	9°49.63'	H	B	20	BR	10	2	<2	3280	22000	17.6	550
362	B041R	118°37.03'	9°49.64'	H	B	20	RD	15	4	<2	3150	15000	25.0	450
363	B042L	118°37.06'	9°49.66'	D	B	30	RD	35	16	6	2740	18000	22.0	333
364	B042R	118°37.06'	9°49.67'	D	B	20	RD	50	26	<2	3750	18000	19.8	388
365	B043L	118°37.10'	9°49.69'	D	B	30	RD	25	14	<2	2430	12000	20.2	295
366	B043R	118°37.09'	9°49.69'	D	B	30	RD	30	28	<2	2970	12000	19.8	373
367	B044L	118°37.15'	9°49.71'	D	B	25	RD	10	8	<2	2880	12000	14.4	280
368	B044R	118°37.15'	9°49.71'	D	B	30	RD	20	10	<2	2270	14000	17.4	370
369	B045L	118°37.21'	9°49.71'	D	B	35	BR	25	6	<2	3120	18000	15.4	314
370	B045R	118°37.21'	9°49.71'	D	B	25	BR	15	8	<2	2200	12000	12.7	306
371	B046L	118°37.26'	9°49.71'	D	B	20	BR	<5	<2	<2	1250	17000	12.7	96
372	B046R	118°37.26'	9°49.72'	D	B	20	RD	15	2	<2	4160	27000	26.0	890
373	B047L	118°36.83'	9°49.51'	FG	B	20	YE	5	2	<2	1710	6800	9.6	179
374	B047R	118°36.82'	9°49.50'	FG	B	20	YE	20	4	<2	1420	7700	10.7	208
375	B048L	118°36.84'	9°49.60'	H	B	30	BR	50	8	<2	3120	11000	20.7	381
376	B048R	118°36.83'	9°49.61'	H	B	20	BR	20	8	<2	3290	12000	19.7	590
377	B049L	118°36.85'	9°49.68'	H	B	25	BR	20	10	<2	2860	1200	13.1	288
378	B049R	118°36.84'	9°49.68'	H	B	20	BR	25	8	4	2990	1020	15.7	343
379	B050	118°36.18'	9°49.85'	H	B	40	RD	35	10	4	3870	10000	22.0	450
380	B051	118°36.20'	9°49.88'	H	B	20	RD	15	10	<2	3330	11000	21.0	440
381	B052	118°36.17'	9°49.79'	H	B	20	YE	<5	<2	<2	1250	4300	6.9	118
382	B053	118°36.22'	9°49.75'	H	B	20	BR	5	2	<2	930	4900	9.6	158
383	B054	118°36.27'	9°49.71'	H	B	15	BR	5	<2	<2	640	6100	13.0	157
384	B055	118°36.32'	9°49.69'	H	B	15	BR	15	4	<2	1150	1010	9.2	111
385	B056	118°36.37'	9°49.69'	H	B	15	BR	25	6	2	1640	1120	10.4	183
386	B057	118°36.50'	9°49.62'	H	B	15	RD	20	2	<2	930	7700	9.5	165
387	B058	118°36.53'	9°49.59'	H	B	20	RD	10	4	<2	980	2500	9.7	158
388	B059	118°36.59'	9°49.55'	H	B	20	RD	15	16	<2	3030	1480	23.1	309
389	B060	118°36.64'	9°49.55'	H	B	15	YE	15	2	<2	760	2400	8.8	83
390	B061L	118°36.92'	9°53.60'	FG	B	25	RD	30	6	<2	3700	19000	17.4	470
391	B061R	118°36.91'	9°53.61'	FG	B	20	BR	<5	4	<2	5000	27000	14.7	420
392	B062L	118°36.96'	9°53.64'	H	B	25	BR	15	4	<2	5100	36000	18.6	580
393	B062R	118°36.96'	9°53.65'	H	B	20	BR	30	10	2	6100	18000	20.8	400
394	B063L	118°37.00'	9°53.68'	H	B	25	BR	20	4	2	4900	32000	18.0	470
395	B063R	118°36.99'	9°53.68'	H	B	25	BR	20	4	<2	5500	34000	20.5	630
396	B064L	118°37.02'	9°53.73'	H	B	20	BR	40	4	<2	6000	30000	20.5	500
397	B064R	118°37.01'	9°53.73'	H	B	20	RD	15	8	<2	5600	29000	25.0	620
398	B065L	118°37.03'	9°53.77'	H	B	25	RD	40	8	<2	7600	20000	29.0	660
399	B065R	118°37.02'	9°53.78'	H	B	20	RD	40	8	<2	8900	19000	20.3	1890
400	B066L	118°37.06'	9°53.81'	H	B	25	RD	5	10	<2	8600	25000	30.0	730
401	B066R	118°37.05'	9°53.82'	H	B	20	BR	20	6	<2	6600	17000	22.0	500
402	B067L	118°37.10'	9°53.85'	H	B	25	RD	45	8	<2	6800	16000	30.0	660
403	B067R	118°37.09'	9°53.86'	H	B	20	RD	10	6	<2	7000	30000	23.0	710
404	B068L	118°37.08'	9°53.91'	H	B	20	BR	10	6	<2	6200	24000	25.0	790
405	B068R	118°37.07'	9°53.91'	H	B	25	BR	5	4	<2	3400	16000	14.7	320
406	B069L	118°37.07'	9°53.96'	H	B	25	RD	30	10	<2	8600	16000	36.0	700
407	B069R	118°37.07'	9°53.95'	H	B	20	RD	10	12	<2	8600	16000	36.0	660
408	B070L	118°37.06'	9°53.98'	H	B	25	RD	20	10	<2	8700	16000	33.0	570
409	B070R	118°37.05'	9°53.98'	H	B	25	RD	20	4	<2	8300	21000	36.0	620
410	B071L	118°37.05'	9°54.01'	H	B	25	RD	25	8	<2	8400	21000	30.0	560
411	B071R	118°37.04'	9°54.01'	H	B	25	RD	20	10	<2	9000	19000	34.0	590
412	B072L	118°37.02'	9°54.05'	H	B	25	RD	30	8	<2	8500	14000	34.0	660
413	B072R	118°37.01'	9°54.04'	H	B	25	RD	10	8	<2	7700	15000	29.0	520
414	B073L	118°37.12'	9°53.93'	H	B	25	BR	20	6	<2	4600	17000	17.9	440
415	B073R	118°37.11'	9°53.93'	H	B	30	RD	15	10	<2	6600	27000	29.0	830
416	B074L	118°37.17'	9°53.96'	H	B	25	BR	<5	<2	<2	1000	2900	10.0	170
417	B074R	118°37.16'	9°53.96'	H	B	25	BR	<5	2	<2	2100	11000	11.6	290
418	B075L	118°37.20'	9°53.97'	H	B	25	RD	10	12	<2	6800	27000	27.0	890
419	B075R	118°37.20'	9°53.98'	H	B	25	BR	25	6	<2	5300	27000	18.5	580
420	B076L	118°37.25'	9°53.98'	H	B	25	BR	20	12	<2	6100	20000	20.5	590

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
421	B076R	118°37.24'	9°53.99'	H	B	25	RD	20	14	<2	6900	21000	29.0	730
422	B077L	118°37.30'	9°53.98'	D	B	35	BL	15	8	<2	3500	2000	10.2	240
423	B077R	118°37.30'	9°53.99'	D	B	25	BR	5	2	<2	2300	3400	11.0	200
424	B078L	118°37.15'	9°53.97'	H	B	25	BR	35	8	<2	6700	11000	24.0	620
425	B078R	118°37.14'	9°53.98'	H	B	25	RD	30	10	<2	7700	19000	30.0	640
426	B079L	118°37.18'	9°54.01'	H	B	25	RD	<5	8	<2	8000	18000	30.5	590
427	B079R	118°37.17'	9°54.02'	H	B	25	RD	15	4	<2	7700	19000	34.5	600
428	B080L	118°37.21'	9°54.06'	H	B	25	RD	10	10	<4	13700	27000	45.5	870
429	B080R	118°37.20'	9°54.06'	H	B	20	RD	30	16	<4	10100	18000	39.0	700
430	B081L	118°37.24'	9°54.09'	H	B	25	RD	30	16	<4	8600	22000	37.5	760
431	B081R	118°37.23'	9°54.10'	H	B	20	RD	20	14	<4	9900	23000	41.0	750
432	B082L	118°37.28'	9°54.13'	H	B	20	BR	20	16	<2	7800	20000	35.5	670
433	B082R	118°37.27'	9°54.14'	H	B	25	RD	15	16	<4	8000	20000	32.5	730
434	B083L	118°37.33'	9°54.16'	H	B	25	RD	20	18	8	7400	19000	32.5	670
435	B083R	118°37.32'	9°54.17'	H	B	20	RD	20	10	<2	7500	21000	34.0	730
436	B084L	118°37.39'	9°54.16'	H	B	20	RD	10	10	<2	8100	25000	33.0	760
437	B084R	118°37.38'	9°54.17'	H	B	20	RD	15	10	<2	7400	22000	29.0	630
438	B085L	118°37.43'	9°54.18'	H	B	20	RD	<5	14	<2	5600	24000	26.0	720
439	B085R	118°37.43'	9°54.19'	H	B	15	RD	10	8	<2	5000	18000	25.5	650
440	B086L	118°37.49'	9°54.19'	H	B	25	RD	35	10	<2	6800	24000	30.5	820
441	B086R	118°37.48'	9°54.20'	H	B	25	RD	20	10	<2	5800	19000	26.5	520
442	B087L	118°37.00'	9°53.63'	FG	B	15	BR	<5	4	<2	4500	25000	19.8	450
443	B087R	118°37.00'	9°53.64'	FG	B	20	BR	20	4	<2	5500	34000	19.9	590
444	B088L	118°37.05'	9°53.65'	H	B	20	BR	15	2	<2	2300	14000	12.8	330
445	B088R	118°37.05'	9°53.66'	H	B	20	BR	35	2	<2	4200	29000	17.2	490
446	B089L	118°37.09'	9°53.68'	H	B	20	RD	25	6	<2	7500	24000	26.5	730
447	B089R	118°37.09'	9°53.69'	H	B	20	RD	10	4	<2	1100	2800	12.3	180
448	B090L	118°37.12'	9°53.65'	H	B	25	RD	10	6	<2	5500	32000	22.0	480
449	B090R	118°37.12'	9°53.66'	H	B	25	BR	40	2	<2	4200	27000	16.2	660
450	B091L	118°37.17'	9°53.62'	H	B	15	BR	20	2	<2	2500	17000	17.7	550
451	B091R	118°37.17'	9°53.63'	H	B	15	BR	20	4	<2	3700	44000	14.1	480
452	B092L	118°37.22'	9°53.63'	FG	B	15	BR	30	4	<2	2300	10000	13.2	360
453	B092R	118°37.22'	9°53.64'	H	B	20	RD	25	4	<2	8100	21000	25.5	610
454	B093L	118°37.26'	9°53.62'	FG	B	15	RD	25	4	<2	4600	32000	20.0	640
455	B093R	118°37.26'	9°53.63'	H	B	20	BR	30	4	<2	3800	35000	16.0	430
456	B094L	118°37.31'	9°53.62'	H	B	15	RD	5	4	<2	2800	15000	20.1	510
457	B094R	118°37.31'	9°53.63'	H	B	15	BR	10	4	<2	4700	20000	18.2	430
458	B095L	118°37.36'	9°53.62'	H	B	15	RD	25	4	<2	5600	35000	20.7	710
459	B095R	118°37.36'	9°53.63'	H	B	15	BR	5	8	<2	5800	20000	19.6	780
460	B096L	118°37.40'	9°53.63'	H	B	20	BR	40	4	<2	5400	13000	20.3	480
461	B096R	118°37.40'	9°53.63'	H	B	15	RD	25	4	<2	6600	24000	23.0	700
462	B097L	118°37.45'	9°53.64'	H	B	25	RD	10	10	<2	6500	18000	30.5	620
463	B097R	118°37.45'	9°53.65'	H	B	15	BR	<5	10	2	7500	25000	28.0	1010
464	B098L	118°37.49'	9°53.65'	H	B	15	RD	20	8	<2	6700	23000	27.0	910
465	B098R	118°37.48'	9°53.66'	H	B	15	RD	10	10	<2	8100	18000	30.0	780
466	B099L	118°37.52'	9°53.67'	H	B	15	BR	15	10	<2	6900	20000	28.0	860
467	B099R	118°37.52'	9°53.68'	H	B	25	BR	25	6	<2	7800	24000	31.0	1060
468	B100L	118°37.56'	9°53.68'	H	B	15	BR	<5	10	<2	8200	26000	28.0	700
469	B100R	118°37.56'	9°53.69'	H	B	25	RD	<5	4	<2	4000	20000	20.6	640
470	B101L	118°37.61'	9°53.69'	H	B	15	RD	40	8	<2	9600	19000	36.0	640
471	B101R	118°37.61'	9°53.70'	H	B	20	RD	15	6	<2	6300	24000	28.0	1020
472	B102L	118°37.66'	9°53.72'	D	B	15	RD	20	12	<2	6300	17000	27.0	530
473	B102R	118°37.66'	9°53.73'	D	B	15	BR	10	10	<2	6400	15000	21.0	520
474	B103L	118°37.70'	9°53.75'	D	B	20	BR	5	4	<2	2700	5700	14.3	310
475	B103R	118°37.70'	9°53.76'	D	B	15	BR	5	8	<2	5100	27000	16.7	400
476	B104L	118°37.73'	9°53.79'	H	B	20	RD	10	8	<2	6800	20000	27.0	760
477	B104R	118°37.73'	9°53.80'	H	B	15	RD	10	8	<2	6800	21000	27.0	1030
478	B105L	118°37.28'	9°53.57'	H	B	15	BL	20	4	<2	4500	10000	17.2	460
479	B105R	118°37.29'	9°53.57'	H	B	25	BR	10	6	4	3200	16000	19.0	350
480	B106L	118°37.30'	9°53.52'	H	B	15	BR	25	4	<2	4600	47000	20.1	1010
481	B106R	118°37.31'	9°53.53'	H	B	15	BR	30	6	<2	5800	24000	22.5	630
482	B107L	118°37.33'	9°53.47'	D	B	15	BR	10	4	<2	5400	12000	15.4	410
483	B107R	118°37.34'	9°53.47'	D	B	15	RD	20	14	<2	9600	15000	42.0	970
484	B108L	118°37.37'	9°53.44'	D	B	15	BR	20	8	<2	4800	22000	18.4	710
485	B108R	118°37.38'	9°53.44'	D	B	15	RD	25	16	<2	7400	14000	27.0	730
486	B109L	118°37.42'	9°53.41'	D	B	15	BR	15	6	<2	3900	23000	15.9	600
487	B109R	118°37.42'	9°53.42'	D	B	15	BR	20	6	<2	6100	17000	25.0	840
488	B110L	118°37.48'	9°53.39'	FG	B	20	BL	15	6	<2	5900	25000	20.9	800
489	B110R	118°37.49'	9°53.40'	FG	B	15	BR	20	4	<2	7700	21000	20.9	1320
490	B111L	118°37.54'	9°53.38'	H	B	15	BR	15	6	<2	4000	22000	15.1	510

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
491	B111R	118°37.54'	9°53.38'	H	B	15	RD	5	<2	<2	700	1300	11.0	140
492	B112L	118°36.80'	9°53.73'	H	B	15	RD	25	6	<2	5800	26000	20.6	830
493	B112R	118°36.79'	9°53.74'	H	B	15	BR	15	6	<2	3800	20000	15.7	510
494	B113L	118°36.84'	9°53.78'	H	B	15	RD	40	8	<4	5800	21000	24.0	640
495	B113R	118°36.83'	9°53.79'	H	B	20	BR	<15	<6	<6	5900	7800	23.0	580
496	B114L	118°36.88'	9°53.81'	H	B	20	RD	20	4	<4	7300	22000	31.0	800
497	B114R	118°36.88'	9°53.82'	H	B	15	BR	20	4	<4	5900	33000	20.8	850
498	B115L	118°36.89'	9°53.87'	H	B	20	RD	25	6	<2	5200	23000	19.7	600
499	B115R	118°36.88'	9°53.87'	H	B	15	BR	25	10	<2	5200	21000	18.1	670
500	B116L	118°36.90'	9°53.92'	H	B	25	BR	20	6	<2	4700	22000	18.9	570
501	B116R	118°36.89'	9°53.92'	H	B	20	BR	20	6	<2	3300	10000	14.5	310
502	B117L	118°36.68'	9°53.89'	H	B	25	BR	<60	<24	<24	3400	16000	17.6	510
503	B117R	118°36.67'	9°53.89'	H	B	20	BR	20	6	<2	7000	28000	18.9	650
504	B118L	118°36.72'	9°53.91'	FG	B	20	BR	15	4	<2	4700	18000	17.2	580
505	B118R	118°36.72'	9°53.91'	FG	B	15	BR	10	4	<2	4600	24000	16.1	320
506	B119L	118°36.76'	9°53.94'	H	B	15	BR	15	4	<2	5800	21000	23.0	260
507	B119R	118°36.75'	9°53.95'	H	B	15	BL	10	4	<2	4200	26000	15.2	390
508	B120L	118°36.79'	9°53.99'	H	B	20	BR	25	6	<2	8300	29000	29.1	1100
509	B120R	118°36.78'	9°53.99'	H	B	20	BR	15	2	<2	2900	9600	12.5	200
510	B121L	118°37.12'	9°53.79'	H	B	15	BR	15	4	<2	6700	30000	22.0	1120
511	B121R	118°37.12'	9°53.80'	H	B	15	BR	25	4	<2	5400	35000	20.4	1010
512	B122L	118°37.16'	9°53.82'	H	B	15	RD	<5	<2	<2	3000	15000	10.8	250
513	B122R	118°37.15'	9°53.83'	H	B	15	BR	15	2	<2	5700	23000	19.6	630
514	B123L	118°37.22'	9°53.85'	FG	B	20	BR	25	8	2	5100	24000	18.5	680
515	B123R	118°37.21'	9°53.86'	FG	B	15	BR	15	2	<2	3200	23000	13.9	390
516	B124L	118°37.27'	9°53.86'	H	B	20	BR	20	2	<2	3400	16000	16.4	570
517	B124R	118°37.26'	9°53.87'	H	B	15	BR	25	10	<2	4600	16000	20.6	580
518	B125	118°37.30'	9°52.97'	H	B	30	RD	25	10	<2	6200	14000	27.0	630
519	B126	118°37.36'	9°52.96'	H	B	20	RD	45	22	2	8600	19000	31.5	680
520	B127	118°37.41'	9°52.95'	H	B	20	BR	40	24	2	6800	31000	27.9	920
521	B128	118°37.47'	9°52.96'	H	B	20	RD	35	18	4	5900	23000	29.6	600
522	B129	118°37.53'	9°52.99'	H	B	15	BR	20	8	<2	5600	24000	24.4	840
523	B130	118°37.56'	9°53.04'	D	B	20	BR	25	10	<2	6900	23000	26.1	940
524	B131	118°37.57'	9°53.10'	D	B	20	RD	25	14	<2	9800	22000	32.5	930
525	B132	118°37.59'	9°53.14'	D	B	15	BR	15	6	<2	6200	27000	22.5	780
526	B133	118°37.62'	9°53.18'	D	B	15	BR	<5	<2	<2	5500	18000	17.6	590
527	B134	118°37.65'	9°53.23'	H	B	15	BR	15	2	<2	4400	38000	21.0	930
528	B135	118°37.68'	9°53.27'	H	B	15	RD	40	32	40	430	1800	7.0	100
529	C001L	118°35.82'	9°51.35'	H	B	15	BR	15	10	10	1360	10000	12.2	202
530	C001R	118°35.82'	9°51.36'	H	B	15	BR	15	8	4	2580	16000	11.9	265
531	C002L	118°35.85'	9°51.33'	H	B	15	BR	35	10	<2	2000	35000	12.9	331
532	C002R	118°35.86'	9°51.33'	H	B	15	RD	<10	10	6	1050	8000	12.6	188
533	C003L	118°35.88'	9°51.30'	H	B	15	BR	30	10	6	2620	34000	15.0	420
534	C003R	118°35.89'	9°51.31'	H	B	15	RD	70	54	8	3490	21000	25.0	560
535	C004L	118°35.90'	9°51.27'	H	B	15	BR	40	12	12	2120	31000	12.4	342
536	C004R	118°35.91'	9°51.28'	H	B	15	BR	45	26	6	3860	36000	24.2	480
537	C005L	118°35.93'	9°51.25'	H	B	15	BR	30	8	<2	2250	32000	13.5	346
538	C005R	118°35.94'	9°51.26'	H	B	15	BR	15	6	<2	1730	29000	7.8	222
539	C006L	118°35.98'	9°51.23'	FG	B	15	BR	35	8	2	3100	30000	12.5	304
540	C006R	118°35.98'	9°51.24'	FG	B	15	BR	<10	10	<4	3050	20000	16.5	398
541	C007L	118°36.03'	9°51.23'	D	B	15	BR	35	10	4	2390	28000	14.0	351
542	C007R	118°36.03'	9°51.24'	D	B	15	BR	20	10	10	3260	14000	15.0	346
543	C008L	118°36.07'	9°51.22'	FG	B	15	BR	<10	12	32	2720	27000	18.0	264
544	C008R	118°36.07'	9°51.23'	FG	B	15	BR	20	8	8	2620	34000	13.0	274
545	C009L	118°36.12'	9°51.21'	H	B	15	BR	10	8	16	3090	28000	16.3	322
546	C009R	118°36.13'	9°51.22'	H	B	15	BR	35	12	6	3160	34000	18.5	403
547	C010L	118°36.16'	9°51.18'	FG	B	15	BR	15	4	<2	2390	30000	12.4	290
548	C010R	118°36.17'	9°51.19'	FG	B	15	RD	40	28	<2	3240	33000	17.1	368
549	C011L	118°36.19'	9°51.15'	H	B	15	BR	35	24	4	350	19000	15.3	490
550	C011R	118°36.20'	9°51.16'	H	B	15	BR	40	10	2	2710	42000	12.4	273
551	C012L	118°36.23'	9°51.13'	H	B	15	BR	35	10	<2	2960	30000	13.9	345
552	C012R	118°36.23'	9°51.14'	H	B	15	RD	10	10	12	7600	27000	24.0	880
553	C013L	118°36.27'	9°51.10'	D	B	15	RD	45	12	2	2720	40000	13.9	320
554	C013R	118°36.27'	9°51.11'	D	B	15	BR	40	12	<2	2440	29000	12.1	284
555	C014L	118°35.68'	9°51.39'	H	B	15	BR	15	4	<2	1710	38000	12.5	222
556	C014R	118°35.69'	9°51.40'	H	B	15	BR	20	12	4	1980	71000	13.3	223
557	C015L	118°35.71'	9°51.37'	H	B	15	BR	10	12	6	1890	64000	13.4	221
558	C015R	118°35.72'	9°51.37'	H	B	15	RD	100	12	2	7000	45000	19.0	800
559	C016L	118°35.73'	9°51.34'	D	B	15	BR	45	12	4	2430	46000	17.7	389
560	C016R	118°35.74'	9°51.34'	D	B	15	BR	35	16	8	2480	50000	14.7	390

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
561	C017L	118°35.75'	9°51.31'	D	B	15	BR	15	8	2	2190	51000	15.5	260
562	C017R	118°35.76'	9°51.31'	D	B	15	BR	55	14	<2	2300	56000	13.0	260
563	C018L	118°35.76'	9°51.28'	H	B	15	BR	20	14	4	1630	50000	11.4	219
564	C018R	118°35.77'	9°51.28'	H	B	15	RD	55	24	8	2380	47000	18.6	383
565	C019L	118°35.78'	9°51.24'	H	B	15	BR	30	8	<4	1630	33000	11.3	375
566	C019R	118°35.79'	9°51.24'	H	B	15	BR	20	16	4	2300	49000	15.7	349
567	C020L	118°35.79'	9°51.21'	H	B	15	BR	45	16	10	1600	44000	11.9	480
568	C020R	118°35.80'	9°51.21'	H	B	15	BR	20	8	8	2060	30000	15.8	408
569	C021L	118°35.81'	9°51.17'	H	B	15	BR	30	24	<2	3950	53000	20.1	820
570	C021R	118°35.81'	9°51.18'	H	B	15	BR	10	4	<2	2360	50000	15.6	332
571	C022L	118°35.81'	9°51.14'	H	B	15	BR	15	16	<2	2530	34000	19.4	500
572	C022R	118°35.82'	9°51.15'	H	B	15	RD	85	16	2	3600	68000	18.1	700
573	C023L	118°35.83'	9°51.12'	H	B	15	BR	<10	4	<2	1440	20000	9.3	192
574	C023R	118°35.84'	9°51.12'	H	B	15	BR	<10	4	<2	2490	30000	11.4	276
575	C024L	118°35.84'	9°51.08'	H	B	15	BR	90	28	<2	3500	38000	16.9	680
576	C024R	118°35.85'	9°51.09'	H	B	15	BR	55	24	8	3730	30000	19.2	510
577	C025L	118°35.86'	9°51.05'	H	B	15	BR	20	8	<2	3190	25000	15.6	450
578	C025R	118°35.87'	9°51.06'	H	B	15	BR	40	20	18	3440	36000	16.8	460
579	C026L	118°35.88'	9°51.03'	H	B	15	BR	10	8	20	2490	17000	13.7	303
580	C026R	118°35.89'	9°51.03'	H	B	15	BR	10	6	<2	3370	26000	16.4	570
581	C027L	118°35.90'	9°50.99'	FG	B	15	BR	110	36	<2	1890	53000	18.1	284
582	C027R	118°35.90'	9°51.00'	FG	B	15	BR	<5	2	<2	760	3800	7.4	154
583	C028L	118°36.36'	9°51.07'	D	B	15	BR	25	18	<2	2770	22000	14.3	297
584	C028R	118°36.36'	9°51.08'	D	B	15	BR	30	18	8	3080	25000	12.8	332
585	C029L	118°36.40'	9°51.04'	D	B	15	BR	40	12	<2	2590	32000	13.7	382
586	C029R	118°36.41'	9°51.04'	D	B	15	BR	20	10	<2	2690	35000	14.6	367
587	C030L	118°36.45'	9°51.00'	D	B	15	BR	25	12	<2	2930	26000	14.8	343
588	C030R	118°36.45'	9°51.01'	D	B	15	BR	20	10	<2	2950	37000	16.6	404
589	C031L	118°36.49'	9°50.96'	D	B	15	BR	20	10	<2	2570	33000	14.7	302
590	C031R	118°36.50'	9°50.97'	D	B	15	BR	20	14	<2	3050	24000	15.8	351
591	C032L	118°36.54'	9°50.94'	D	B	15	BR	30	16	<2	2630	18000	15.3	358
592	C032R	118°36.54'	9°50.95'	D	B	15	BR	30	14	<2	6300	36000	19.8	750
593	C033L	118°36.57'	9°50.92'	D	B	15	RD	10	4	<2	3180	46000	15.9	265
594	C033R	118°36.58'	9°50.92'	D	B	15	RD	20	12	<2	3830	38000	15.0	540
595	C034L	118°36.60'	9°50.89'	D	B	15	BR	35	14	<2	2860	19000	15.1	312
596	C034R	118°36.61'	9°50.90'	D	B	15	BR	15	6	<2	6600	58000	22.0	660
597	C035L	118°36.64'	9°50.87'	H	B	15	BR	35	12	<2	3090	22000	16.9	386
598	C035R	118°36.65'	9°50.88'	H	B	15	BR	35	6	<2	2960	31000	14.9	306
599	C036L	118°36.67'	9°50.84'	H	B	15	BR	25	10	<2	3040	29000	17.0	354
600	C036R	118°36.68'	9°50.85'	H	B	15	BR	35	12	<2	3510	27000	20.7	470
601	C037L	118°36.70'	9°50.82'	H	B	15	BR	60	20	<2	3790	15000	21.0	411
602	C037R	118°36.71'	9°50.83'	H	B	15	BR	40	8	<2	2510	27000	13.8	315
603	C038L	118°36.51'	9°50.91'	D	B	15	BR	45	22	2	3550	26000	20.0	590
604	C038R	118°36.51'	9°50.92'	D	B	15	BR	40	10	<2	3270	22000	17.9	396
605	C039L	118°36.53'	9°50.86'	H	B	15	BR	75	48	<2	3400	13000	23.0	430
606	C039R	118°36.54'	9°50.87'	H	B	15	BR	55	16	<2	3570	23000	20.4	430
607	C040L	118°36.56'	9°50.83'	H	B	15	RD	55	28	<2	3360	19000	22.0	440
608	C040R	118°36.57'	9°50.83'	H	B	15	RD	20	12	<2	2850	28000	16.9	318
609	C041L	118°36.59'	9°50.79'	H	B	15	RD	45	36	<2	7400	20000	21.0	560
610	C041R	118°36.60'	9°50.80'	H	B	15	RD	40	18	<2	3310	25000	20.5	420
611	C042L	118°36.62'	9°50.76'	H	B	15	RD	30	26	<2	3260	23000	17.0	367
612	C042R	118°36.63'	9°50.76'	H	B	15	BR	50	26	<2	3970	26000	22.0	560
613	C043L	118°36.64'	9°50.72'	H	B	15	BR	20	14	<2	2490	21000	17.6	330
614	C043R	118°36.65'	9°50.72'	H	B	15	BR	110	50	<2	3900	16000	18.0	407
615	C044L	118°35.37'	9°51.32'	H	B	15	BL	45	26	<2	1410	12000	9.4	186
616	C044R	118°35.38'	9°51.33'	H	B	15	BL	35	18	<2	1220	24000	9.2	185
617	C045L	118°35.41'	9°51.28'	H	B	15	BR	40	22	<2	1240	20000	8.7	178
618	C045R	118°35.41'	9°51.29'	H	B	15	BR	160	40	<2	600	11000	4.6	168
619	C046L	118°35.45'	9°51.25'	H	B	15	BR	55	18	<2	760	28000	9.7	217
620	C046R	118°35.46'	9°51.26'	H	B	15	BR	10	6	<2	1400	21000	8.9	158
621	C047L	118°35.49'	9°51.22'	H	B	15	BR	35	18	<2	340	5800	6.5	83
622	C047R	118°35.49'	9°51.23'	H	B	15	BR	15	10	2	940	14000	8.2	178
623	C048L	118°35.53'	9°51.19'	H	B	15	BR	15	2	<2	2730	21000	13.4	387
624	C048R	118°35.53'	9°51.20'	H	B	15	BR	40	14	<2	2370	14000	11.6	430
625	C049L	118°35.56'	9°51.15'	H	B	15	RD	25	6	<2	2720	19000	13.9	580
626	C049R	118°35.58'	9°51.16'	H	B	15	RD	15	6	<2	3540	23000	17.6	460
627	C050L	118°35.59'	9°51.12'	H	B	15	RD	45	22	<2	2010	13000	13.6	375
628	C050R	118°35.60'	9°51.12'	H	B	15	RD	15	8	<2	1180	13000	10.2	313
629	C051L	118°35.61'	9°51.08'	H	B	15	BR	85	70	8	1010	2300	12.8	305
630	C051R	118°35.62'	9°51.08'	H	B	15	BR	140	42	<2	1300	3200	28.0	600

Appendix 10 Chemical analyses of geochemical soil samples in area A-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	C052	118°36.54'	9°50.76'	H	B	15	RD	100	80	<2	3700	16000	35.0	570
632	C053	118°36.50'	9°50.79'	H	B	15	RD	30	20	<2	3370	25000	19.4	367
633	C054	118°36.44'	9°50.82'	H	B	15	BR	180	58	<2	3890	44000	23.0	700
634	C055	118°36.38'	9°50.82'	H	B	15	BR	230	88	<2	3770	27000	20.0	620
635	C056	118°36.27'	9°50.86'	H	B	15	BR	25	8	<2	3870	25000	20.4	620
636	C057	118°36.24'	9°50.88'	H	B	15	BR	15	10	<2	3740	21000	20.6	640
637	C058L	118°36.93'	9°52.32'	H	B	15	BR	30	22	<2	3600	34000	17.9	300
638	C058R	118°36.93'	9°52.33'	H	B	15	BR	25	8	<2	4100	30000	17.1	430
639	C059L	118°36.98'	9°52.32'	D	B	15	BR	25	12	<2	4000	44000	15.6	360
640	C059R	118°36.98'	9°52.33'	D	B	15	BR	20	6	<2	3400	11000	14.3	320
641	C060L	118°37.03'	9°52.31'	D	B	15	RD	70	70	12	2900	28000	18.6	510
642	C060R	118°37.03'	9°52.32'	D	B	15	BR	20	8	<2	4000	37000	16.2	410
643	C061L	118°37.08'	9°52.31'	D	B	15	RD	20	8	<2	4400	35000	17.8	450
644	C061R	118°37.08'	9°52.32'	D	B	15	BR	25	8	<2	5000	37000	20.4	620
645	C062L	118°37.14'	9°52.33'	D	B	15	RD	70	42	<2	4400	53000	23.4	600
646	C062R	118°37.14'	9°52.34'	D	B	15	RD	130	98	<2	4000	31000	25.6	600
647	C063L	118°37.20'	9°52.34'	D	B	15	RD	230	86	<2	3000	25000	26.2	560
648	C063R	118°37.20'	9°52.36'	D	B	15	RD	40	18	<2	5100	22000	28.6	720
649	C064L	118°37.24'	9°52.37'	D	B	15	RD	120	60	30	4100	36000	28.2	670
650	C064R	118°37.23'	9°52.37'	D	B	15	RD	85	60	6	3500	50000	27.5	650
651	C065L	118°37.27'	9°52.40'	D	B	15	RD	70	50	4	4700	25000	31.0	890
652	C065R	118°37.26'	9°52.41'	D	B	15	RD	55	24	2	4700	43000	26.0	840
653	C066L	118°37.29'	9°52.43'	D	B	15	RD	55	34	5	6700	44000	30.5	910
654	C066R	118°37.28'	9°52.44'	D	B	15	RD	35	24	6	5800	35000	26.0	730
655	C067L	118°37.31'	9°52.47'	D	B	15	RD	40	22	3	5400	41000	26.1	660
656	C067R	118°37.31'	9°52.47'	D	B	15	RD	25	14	5	6700	38000	27.4	740
657	C068L	118°37.42'	9°52.30'	H	B	15	BR	10	2	<2	4300	24000	12.7	290
658	C068R	118°37.42'	9°52.31'	H	B	15	BR	5	4	4	4400	37000	16.6	530
659	C069L	118°37.47'	9°52.34'	H	B	15	BR	20	4	<2	3500	33000	16.0	570
660	C069R	118°37.46'	9°52.35'	H	B	15	BR	10	6	2	1900	7900	11.7	240
661	C070L	118°37.51'	9°52.38'	H	B	15	RD	30	6	<2	4000	30000	21.1	750
662	C070R	118°37.50'	9°52.39'	H	B	15	BR	20	8	<2	4800	14000	17.2	450
663	C071L	118°37.56'	9°52.40'	H	B	15	BR	30	6	<2	3700	53000	20.4	850
664	C071R	118°37.56'	9°52.41'	H	B	15	BR	20	8	<2	6600	27000	30.0	770
665	C072L	118°37.62'	9°52.42'	H	B	15	RD	30	8	<2	4900	16000	18.3	490
666	C072R	118°37.62'	9°52.43'	H	B	15	BR	30	8	<4	4900	26000	18.1	560
667	C073L	118°37.68'	9°52.42'	H	B	15	BR	<5	2	<2	2700	12000	11.5	370
668	C073R	118°37.67'	9°52.43'	H	B	15	BR	30	6	2	3700	26000	18.3	750
669	C074L	118°37.73'	9°52.43'	H	B	15	BR	10	6	<2	3300	10000	12.1	330
670	C074R	118°37.73'	9°52.44'	H	B	15	BR	25	8	<2	6800	19000	24.7	710
671	C075L	118°37.79'	9°52.44'	H	B	15	BR	35	16	<2	9500	23000	32.5	750
672	C075R	118°37.78'	9°52.45'	H	B	15	RD	20	10	4	5800	26000	27.2	470
673	C076L	118°37.83'	9°52.45'	H	B	15	RD	25	14	<2	7700	25000	31.6	690
674	C076R	118°37.83'	9°52.46'	H	B	15	RD	35	16	<2	5800	23000	28.6	630
675	C077L	118°37.89'	9°52.46'	H	B	15	RD	30	8	<2	5200	23000	20.7	650
676	C077R	118°37.89'	9°52.47'	H	B	15	RD	35	10	<2	4800	21000	17.2	600
677	C078L	118°36.58'	9°52.44'	S	B	15	BR	10	8	18	2500	22000	11.8	260
678	C078R	118°36.58'	9°52.45'	S	B	15	BR	25	8	2	2900	24000	12.5	320
679	C079L	118°36.66'	9°52.43'	S	B	15	BR	15	6	2	2700	21000	13.8	330
680	C079R	118°36.66'	9°52.44'	S	B	15	BR	5	6	2	2500	26000	11.5	300
681	C080L	118°36.73'	9°52.44'	H	B	15	BR	15	6	2	1900	27000	8.9	270
682	C080R	118°36.73'	9°52.46'	H	B	15	BR	10	10	8	3100	20000	16.1	490
683	C081L	118°36.78'	9°52.49'	H	B	15	BR	<5	8	56	2000	22000	12.2	240
684	C081R	118°36.78'	9°52.49'	H	B	15	BR	15	8	2	2200	21000	11.3	290
685	C082L	118°36.81'	9°52.52'	H	B	15	BR	15	10	2	2200	16000	12.1	290
686	C082R	118°36.81'	9°52.53'	H	B	15	BR	<5	10	42	1800	13000	11.1	240
687	C083L	118°36.85'	9°52.57'	H	B	15	BR	20	44	10	2200	10000	13.7	210
688	C083R	118°36.84'	9°52.58'	H	B	15	BR	10	8	4	1600	11000	10.1	180
689	C084L	118°36.88'	9°52.61'	H	B	15	BR	10	8	2	2100	3900	12.6	220
690	C084R	118°36.88'	9°52.62'	H	B	15	BR	<10	8	4	3700	17000	14.6	340
691	C085L	118°36.91'	9°52.64'	H	B	15	BR	20	8	4	2800	14000	12.9	250
692	C085R	118°36.90'	9°52.65'	H	B	15	BR	15	8	10	2700	13000	12.8	220
693	C086L	118°36.84'	9°52.44'	H	B	15	BR	20	6	<2	4400	25000	17.6	450
694	C086R	118°36.84'	9°52.45'	H	B	15	BR	15	4	4	2100	24000	10.1	250
695	C087L	118°36.90'	9°52.48'	H	B	15	BR	35	12	<2	4800	29000	17.2	700
696	C087R	118°36.89'	9°52.49'	H	B	15	BR	10	8	<2	2500	19000	14.3	260
697	C088L	118°36.93'	9°52.52'	H	B	15	BR	40	20	2	4500	29000	17.1	570
698	C088R	118°36.92'	9°52.53'	H	B	15	BR	55	42	10	4100	19000	19.6	550
699	C089L	118°36.97'	9°52.55'	H	B	15	BR	30	10	<4	2100	7500	12.0	280
700	C089R	118°36.96'	9°52.56'	H	B	15	BR	10	2	<2	2000	4600	11.4	290

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
701	C090L	118°36.99'	9°52.57'	H	B	15	BR	20	6	<2	5300	15000	15.6	420
702	C090R	118°36.99'	9°52.58'	H	B	15	BR	25	8	4	5000	15000	21.2	670
703	C091L	118°37.02'	9°52.61'	H	B	15	BR	15	6	2	3400	16000	18.8	360
704	C091R	118°37.01'	9°52.61'	H	B	15	BR	15	8	12	3300	13000	13.2	370
705	C092L	118°37.31'	9°51.79'	H	B	15	RD	20	4	<2	8300	28000	29.5	840
706	C092R	118°37.32'	9°51.79'	H	B	15	RD	10	8	<2	8200	25000	30.1	740
707	C093L	118°37.33'	9°51.75'	H	B	15	RD	25	12	<2	8800	16000	31.5	790
708	C093R	118°37.34'	9°51.75'	H	B	15	RD	15	4	6	7400	25000	27.3	660
709	C094L	118°37.34'	9°51.71'	H	B	15	RD	<5	10	<2	3700	14000	21.5	560
710	C094R	118°37.35'	9°51.72'	H	B	15	RD	10	4	<2	7100	15000	24.8	560
711	C095L	118°37.35'	9°51.67'	H	B	15	RD	20	4	<2	9900	23000	32.0	760
712	C095R	118°37.36'	9°51.68'	H	B	15	RD	5	2	<2	12200	16000	37.0	1160
713	C096L	118°37.36'	9°51.65'	H	B	15	RD	20	4	<2	10700	23000	34.0	960
714	C096R	118°37.37'	9°51.65'	H	B	15	RD	30	8	<2	8600	22000	33.5	810
715	C097L	118°37.37'	9°51.62'	H	B	15	RD	20	4	<2	9000	23000	33.0	680
716	C097R	118°37.38'	9°51.62'	H	B	15	RD	5	2	<2	9400	22000	32.5	730
717	C098L	118°37.38'	9°51.59'	H	B	15	RD	15	2	<2	11500	23000	32.5	890
718	C098R	118°37.39'	9°51.59'	H	B	15	RD	20	4	<2	9500	16000	29.0	700
719	C099L	118°37.39'	9°51.55'	H	B	15	RD	<5	<2	<2	11300	15000	30.0	1050
720	C099R	118°37.40'	9°51.55'	H	B	15	RD	25	2	<2	11500	18000	33.5	850
721	C100	118°36.19'	9°50.88'	H	B	15	BR	15	6	<2	4500	12000	18.5	530
722	C101	118°37.17'	9°52.49'	H	B	15	BR	10	10	<2	6350	24000	41.0	555
723	D001L	118°35.79'	9°51.38'	H	B	15	RD	60	32	<2	2020	33000	19.6	329
724	D001R	118°35.80'	9°51.39'	H	B	15	RD	25	14	<2	3720	25000	18.7	342
725	D002L	118°35.72'	9°51.46'	H	B	20	RD	100	64	<2	2070	18000	19.0	353
726	D002R	118°35.73'	9°51.46'	H	B	15	RD	20	15	<2	3070	25000	14.9	333
727	D003L	118°35.71'	9°51.51'	H	B	15	RD	60	52	<2	1690	33000	17.5	279
728	D003R	118°35.72'	9°51.52'	H	B	20	RD	35	12	<2	3060	24000	14.4	340
729	D004L	118°35.71'	9°51.57'	G	B	15	BR	45	36	<2	1600	36000	15.9	385
730	D004R	118°35.72'	9°51.57'	G	B	20	RD	35	12	<2	3020	27000	13.4	336
731	D005L	118°35.73'	9°51.64'	G	B	15	RD	30	12	<2	2900	34000	14.6	379
732	D005R	118°35.74'	9°51.64'	G	B	20	BR	35	18	16	3530	24000	17.2	354
733	D006L	118°35.71'	9°51.72'	G	B	15	RD	30	14	<2	3070	29000	15.7	327
734	D006R	118°35.72'	9°51.72'	G	B	20	RD	75	48	8	1820	3800	14.2	770
735	D007L	118°35.65'	9°51.74'	G	B	15	BR	<5	<2	2	1420	24000	16.0	329
736	D007R	118°35.65'	9°51.75'	G	B	20	RD	35	16	<2	2520	29000	13.2	314
737	D008L	118°35.59'	9°51.74'	G	B	15	RD	50	52	<2	1420	28000	15.5	610
738	D008R	118°35.59'	9°51.75'	G	B	20	BR	30	20	<2	2480	33000	12.2	270
739	D009L	118°35.53'	9°51.73'	G	B	15	BR	68	26	<2	2010	24000	14.9	321
740	D009R	118°35.53'	9°51.74'	G	B	15	BR	30	18	<2	2650	31000	14.1	324
741	D010L	118°35.58'	9°51.69'	G	B	20	RD	45	30	<2	910	21000	13.2	240
742	D010R	118°35.58'	9°51.70'	G	B	15	BR	30	14	<2	2230	40000	14.0	303
743	D011L	118°35.61'	9°51.66'	G	B	25	BR	45	20	<2	950	24000	17.5	391
744	D011R	118°35.62'	9°51.66'	G	B	20	RD	30	22	<2	910	19000	14.3	269
745	D012L	118°35.63'	9°51.63'	G	B	25	BR	<5	2	<2	180	1300	14.7	139
746	D012R	118°35.64'	9°51.63'	G	B	20	BR	10	10	<2	920	11000	14.1	315
747	D013L	118°35.64'	9°51.59'	G	B	25	RD	10	2	<2	130	15000	14.9	114
748	D013R	118°35.65'	9°51.59'	G	B	20	RD	12	10	<2	1590	19000	12.1	166
749	D014L	118°35.65'	9°51.55'	G	B	25	RD	25	10	<2	440	10000	12.9	230
750	D014R	118°35.66'	9°51.55'	G	B	30	RD	40	16	<2	1730	52000	16.1	187
751	D015L	118°35.65'	9°51.51'	G	B	35	RD	60	64	<2	1450	12000	13.4	202
752	D015R	118°35.66'	9°51.51'	G	B	35	RD	20	18	<2	2420	47000	21.0	162
753	D016L	118°35.65'	9°51.46'	H	B	30	RD	20	18	<2	2790	15000	26.0	393
754	D016R	118°35.66'	9°51.47'	H	B	35	RD	10	14	8	1680	60000	16.5	202
755	D017L	118°35.65'	9°51.37'	D	B	30	BR	10	8	<2	2290	44000	16.4	297
756	D017R	118°35.66'	9°51.38'	D	B	25	BR	5	4	<2	2020	26000	14.4	256
757	D018L	118°35.65'	9°51.33'	D	B	35	BR	20	18	<2	2260	34000	15.2	273
758	D018R	118°35.66'	9°51.33'	D	B	30	BR	10	6	<2	3300	22000	13.8	300
759	D019L	118°35.66'	9°51.29'	FG	B	35	BR	30	6	<2	2370	18000	13.2	850
760	D019R	118°35.67'	9°51.29'	FG	B	35	BR	20	8	<2	3280	11000	12.6	371
761	D020L	118°35.66'	9°51.25'	H	B	30	BR	40	10	<2	3190	29000	14.8	780
762	D020R	118°35.67'	9°51.25'	H	B	30	BR	10	8	<2	2050	19000	12.9	354
763	D021L	118°35.65'	9°51.21'	H	B	40	BR	20	8	<2	3310	19000	18.6	790
764	D021R	118°35.66'	9°51.21'	H	B	35	BR	15	4	<2	2970	26000	14.5	730
765	D022L	118°35.67'	9°51.17'	H	B	20	RD	30	10	<2	3730	26000	19.7	910
766	D022R	118°35.68'	9°51.17'	H	B	20	RD	24	8	<2	3760	17000	21.0	830
767	D023L	118°35.67'	9°51.13'	H	B	20	BR	10	10	<2	3120	6500	14.3	278
768	D023R	118°35.68'	9°51.13'	H	B	25	BR	15	20	<2	800	1400	8.7	110
769	D024L	118°35.67'	9°51.10'	H	B	25	RD	110	50	<2	1610	10500	12.9	393
770	D024R	118°35.68'	9°51.10'	H	B	20	RD	30	24	<2	3170	17000	19.9	730

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
771	D025L	118°35.67'	9°51.06'	H	B	20	RD	40	6	<2	3190	19000	14.2	770
772	D025R	118°35.67'	9°51.06'	H	B	20	RD	45	18	<2	3530	30000	23.0	820
773	D026L	118°36.32'	9°51.04'	D	B	30	RD	50	20	<2	2080	40000	15.0	600
774	D026R	118°36.33'	9°51.04'	D	B	35	RD	40	12	<2	2170	49000	13.5	383
775	D027L	118°36.33'	9°50.99'	D	B	35	RD	80	40	<2	2820	24000	19.2	930
776	D027R	118°36.34'	9°50.99'	D	B	30	RD	45	52	8	3490	20000	15.0	810
777	D028L	118°36.32'	9°50.95'	D	B	35	BR	<5	<2	8	1710	9100	13.3	278
778	D028R	118°36.33'	9°50.95'	D	B	30	RD	<5	<2	<2	1630	11500	10.4	253
779	D029L	118°36.33'	9°50.91'	H	B	30	RD	<5	<2	<2	2790	21000	12.9	354
780	D029R	118°36.33'	9°50.91'	H	B	35	RD	130	50	4	3800	36000	23.0	920
781	D030L	118°36.34'	9°50.87'	H	B	30	RD	40	26	<2	3110	14000	14.8	680
782	D030R	118°36.35'	9°50.87'	H	B	35	RD	100	60	16	3900	25000	29.0	930
783	D031L	118°36.36'	9°50.82'	H	B	30	RD	25	10	<2	2860	16000	15.0	262
784	D031R	118°36.37'	9°50.83'	H	B	30	RD	50	24	<2	3250	19000	19.1	740
785	D032L	118°36.20'	9°51.11'	FG	B	35	RD	40	8	<2	3160	33000	17.0	740
786	D032R	118°36.21'	9°51.11'	FG	B	35	RD	60	16	<2	2230	25000	11.8	298
787	D033L	118°36.21'	9°51.07'	D	B	35	BR	20	14	<2	1790	10000	13.6	365
788	D033R	118°36.22'	9°51.07'	D	B	35	BR	40	10	<2	3240	19000	16.6	910
789	D034L	118°36.20'	9°51.02'	D	B	30	RD	130	50	<2	3710	17000	26.0	910
790	D034R	118°36.21'	9°51.02'	D	B	30	RD	15	6	<2	1160	13000	7.8	155
791	D035L	118°36.21'	9°50.98'	D	B	35	BR	70	38	<2	3550	15000	22.0	820
792	D035R	118°36.22'	9°50.98'	D	B	35	BR	10	12	<2	2710	13000	12.7	250
793	D036L	118°36.21'	9°50.94'	H	B	35	RD	30	16	<2	3530	19000	19.8	810
794	D036R	118°36.22'	9°50.94'	H	B	35	RD	80	35	<2	4000	25000	14.0	920
795	D037L	118°36.23'	9°50.89'	H	B	15	RD	10	16	<2	3530	18000	21.0	740
796	D037R	118°36.24'	9°50.89'	H	B	15	RD	<5	8	<2	2850	17000	15.2	600
797	D038L	118°35.79'	9°51.65'	FG	B	15	RD	130	110	<2	1680	14000	25.0	349
798	D038R	118°35.79'	9°51.66'	FG	B	15	RD	180	70	12	3220	31000	22.0	860
799	D039L	118°35.83'	9°51.63'	G	B	15	RD	60	34	28	1780	18000	18.2	257
800	D039R	118°35.83'	9°51.64'	G	B	15	RD	140	94	4	730	3400	15.6	291
801	D040L	118°35.86'	9°51.62'	G	B	15	RD	<5	6	8	760	3500	11.4	169
802	D040R	118°35.87'	9°51.63'	G	B	15	RD	110	56	<2	600	3100	8.7	242
803	D041L	118°35.91'	9°51.61'	G	B	15	RD	70	28	6	3050	35000	15.5	670
804	D041R	118°35.91'	9°51.63'	G	B	15	RD	60	34	16	1250	9200	12.7	243
805	D042L	118°35.95'	9°51.60'	H	B	15	RD	35	20	6	3010	26000	16.9	610
806	D042R	118°35.95'	9°51.61'	H	B	15	RD	45	28	8	2560	19000	16.1	670
807	D043L	118°35.99'	9°51.60'	H	B	15	RD	30	18	4	2270	22000	10.7	224
808	D043R	118°35.99'	9°51.61'	H	B	15	RD	75	40	12	1430	19000	10.0	223
809	D044L	118°36.03'	9°51.61'	H	B	15	RD	65	30	8	3560	17000	12.8	710
810	D044R	118°36.03'	9°51.62'	H	B	15	RD	85	60	10	3200	17000	16.3	710
811	D045L	118°36.08'	9°51.62'	H	B	15	RD	85	28	10	3610	25000	18.7	850
812	D045R	118°36.08'	9°51.63'	H	B	15	RD	65	58	10	3030	16000	16.5	650
813	D046L	118°36.12'	9°51.62'	H	B	15	RD	95	68	10	4070	23000	31.0	920
814	D046R	118°36.13'	9°51.64'	H	B	15	RD	120	100	12	2330	12000	15.5	373
815	D047L	118°36.17'	9°51.61'	H	B	15	RD	85	40	46	3620	28000	20.8	850
816	D047R	118°36.17'	9°51.62'	H	B	15	RD	60	24	24	3940	44000	25.0	890
817	D048L	118°35.81'	9°51.61'	G	B	15	RD	35	20	20	3210	37000	23.0	234
818	D048R	118°35.82'	9°51.61'	G	B	15	RD	15	12	14	2710	21000	17.8	164
819	D049	118°35.92'	9°51.34'	H	B	15	RD	20	8	6	3050	12000	14.4	620
820	D050	118°35.99'	9°51.35'	H	B	15	RD	15	4	18	2540	16000	12.8	720
821	D051	118°36.04'	9°51.37'	H	B	15	RD	40	22	4	3520	15000	20.6	780
822	D052	118°36.08'	9°51.37'	H	B	15	RD	45	16	32	3810	16000	26.0	880
823	D053	118°36.13'	9°51.35'	H	B	15	RD	20	20	6	2500	14000	12.3	600
824	D054	118°36.16'	9°51.33'	H	B	15	RD	55	40	20	3530	18000	18.4	780
825	D055	118°36.20'	9°51.29'	H	B	15	RD	50	36	12	2780	16000	14.0	740
826	D056	118°36.25'	9°51.27'	H	B	15	RD	30	8	8	2120	13000	15.6	660
827	D057	118°36.30'	9°51.24'	H	B	15	RD	75	56	10	2890	14000	17.5	760
828	D058	118°36.35'	9°51.21'	H	B	15	RD	45	14	8	8200	22000	31.0	870
829	D059	118°36.41'	9°51.19'	H	B	15	RD	85	42	10	3620	27000	20.0	990
830	D060	118°36.49'	9°51.18'	H	B	15	RD	40	16	30	3850	24000	25.0	870
831	D061	118°36.55'	9°51.18'	H	B	15	RD	20	10	2	8100	27000	33.0	910
832	D062	118°36.60'	9°51.14'	D	B	15	RD	15	4	56	9300	59000	24.0	970
833	D063	118°36.64'	9°51.08'	D	B	15	RD	20	10	40	12600	20000	40.0	990
834	D064	118°36.69'	9°51.04'	D	B	15	RD	10	4	58	3980	25000	20.5	820
835	D065	118°36.74'	9°50.98'	D	B	15	RD	45	12	6	9800	17000	37.0	930
836	D066	118°36.79'	9°50.93'	H	B	15	RD	60	48	220	8900	14000	36.0	770
837	D067	118°36.82'	9°50.89'	H	B	15	RD	50	22	8	9000	20000	22.0	830
838	D068L	118°37.14'	9°52.29'	H	B	25	RD	25	26	2	6700	18000	26.0	660
839	D068R	118°37.15'	9°52.30'	H	B	25	RD	20	10	6	6100	19000	18.0	420
840	D069L	118°37.18'	9°52.28'	H	B	20	RD	40	30	12	8000	23000	25.0	620

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
841	D069R	118°37.19'	9°52.29'	H	B	20	RD	25	12	2	5100	29000	16.9	440
842	D070L	118°37.23'	9°52.27'	H	B	25	RD	30	14	8	13900	19000	36.5	870
843	D070R	118°37.23'	9°52.28'	H	B	20	BR	30	28	4	3100	29000	17.5	370
844	D071L	118°37.27'	9°52.25'	H	B	25	RD	30	24	4	7800	28000	35.5	770
845	D071R	118°37.28'	9°52.26'	H	B	25	BR	25	6	2	6000	20000	19.5	540
846	D072L	118°37.33'	9°52.26'	D	B	25	RD	20	12	2	10500	21000	30.5	720
847	D072R	118°37.34'	9°52.27'	D	B	25	BR	10	6	28	5800	18000	18.3	390
848	D073L	118°37.37'	9°52.26'	H	B	20	RD	<10	12	80	9900	16000	31.5	1040
849	D073R	118°37.37'	9°52.27'	H	B	20	RD	15	4	<2	4300	31000	16.0	540
850	D074L	118°37.42'	9°52.26'	H	B	25	BR	30	8	<2	8300	27000	29.0	840
851	D074R	118°37.42'	9°52.27'	H	B	20	BR	15	4	<2	3900	27000	17.0	520
852	D075L	118°37.46'	9°52.25'	H	B	25	RD	<30	60	<12	5800	24000	21.2	720
853	D075R	118°37.46'	9°52.25'	H	B	20	BR	25	6	2	6500	21000	21.9	550
854	D076L	118°37.50'	9°52.23'	D	B	25	RD	25	8	2	6000	14000	20.0	540
855	D076R	118°37.50'	9°52.24'	D	B	20	BR	5	4	<2	3800	12000	13.9	370
856	D077L	118°37.54'	9°52.21'	H	B	20	RD	25	10	2	4500	21000	20.2	450
857	D077R	118°37.54'	9°52.22'	H	B	20	RD	35	8	<2	5900	26000	25.5	560
858	D078L	118°37.57'	9°52.20'	H	B	15	RD	25	20	2	6800	17000	30.0	610
859	D078R	118°37.58'	9°52.21'	H	B	15	RD	15	4	8	5400	14000	20.6	500
860	D079L	118°37.32'	9°52.22'	D	B	20	RD	25	16	12	7000	15000	35.5	710
861	D079R	118°37.33'	9°52.23'	D	B	20	RD	20	16	18	8600	17000	34.5	770
862	D080L	118°37.35'	9°52.19'	D	B	15	RD	25	14	30	7600	20000	29.5	950
863	D080R	118°37.35'	9°52.20'	D	B	20	RD	10	20	40	11500	19000	38.0	890
864	D081L	118°37.37'	9°52.17'	D	B	20	RD	30	10	<2	8800	23000	26.5	920
865	D081R	118°37.38'	9°52.17'	D	B	15	RD	30	16	<2	7700	22000	36.5	940
866	D082L	118°36.89'	9°52.27'	H	B	20	BR	15	14	2	6700	23000	29.0	590
867	D082R	118°36.90'	9°52.27'	H	B	20	RD	15	6	<2	6200	25000	22.7	660
868	D083L	118°36.90'	9°52.21'	H	B	15	RD	25	14	2	6100	23000	30.0	630
869	D083R	118°36.91'	9°52.21'	H	B	15	RD	15	4	<2	5300	22000	18.2	470
870	D084L	118°36.92'	9°52.16'	H	B	25	RD	15	6	<2	6900	29000	21.9	510
871	D084R	118°36.92'	9°52.17'	H	B	20	BR	20	10	<2	3800	22000	22.5	350
872	D085L	118°36.94'	9°52.12'	H	B	15	RD	25	8	<2	5800	34000	24.3	620
873	D085R	118°36.95'	9°52.13'	H	B	15	RD	15	4	<2	4000	31000	14.5	430
874	D086L	118°36.97'	9°52.08'	H	B	15	BR	20	20	<2	5300	16000	29.3	340
875	D086R	118°36.98'	9°52.09'	H	B	25	RD	15	4	<2	6200	21000	19.9	500
876	D087L	118°37.02'	9°52.04'	H	B	20	RD	20	12	4	6700	23000	28.4	610
877	D087R	118°37.02'	9°52.05'	H	B	15	BR	20	4	<2	4100	25000	14.0	390
878	D088L	118°37.06'	9°51.99'	H	B	15	RD	20	8	<2	7500	20000	25.4	580
879	D088R	118°37.07'	9°52.00'	H	B	15	RD	15	6	<2	6600	31000	23.2	510
880	D089L	118°37.11'	9°51.94'	H	B	15	RD	30	12	<4	4100	22000	14.1	400
881	D089R	118°37.12'	9°51.94'	H	B	15	RD	90	90	24	7900	23000	33.5	840
882	D090L	118°37.15'	9°51.90'	H	B	15	RD	25	30	<6	9900	22000	31.0	770
883	D090R	118°37.16'	9°51.90'	H	B	15	RD	10	2	<2	4200	20000	13.9	330
884	D091L	118°37.22'	9°51.85'	H	B	15	RD	25	10	<2	9100	15000	30.0	340
885	D091R	118°37.23'	9°51.86'	H	B	15	RD	<15	6	<2	7100	15000	29.0	720
886	D092L	118°36.85'	9°52.34'	H	B	15	RD	50	30	<2	5200	22000	29.0	620
887	D092R	118°36.86'	9°52.35'	H	B	15	RD	20	6	<2	5400	35000	19.2	520
888	D093L	118°36.81'	9°52.38'	H	B	15	RD	30	8	<2	5100	27000	18.5	570
889	D093R	118°36.82'	9°52.38'	H	B	15	RD	35	10	<2	4000	31000	21.3	500
890	D094L	118°36.77'	9°52.39'	H	B	15	RD	25	8	<2	4900	31000	15.9	760
891	D094R	118°36.78'	9°52.40'	H	B	15	RD	30	10	<2	6300	28000	22.3	400
892	D095L	118°37.33'	9°51.82'	H	B	25	RD	15	6	<2	4200	17000	13.8	470
893	D095R	118°37.33'	9°51.83'	H	B	20	RD	20	6	<2	5100	12000	19.3	650
894	D096L	118°37.40'	9°51.80'	H	B	25	RD	25	6	<2	4500	20000	17.3	450
895	D096R	118°37.40'	9°51.81'	FG	B	20	RD	25	8	<2	6100	16000	24.6	600
896	D097L	118°37.48'	9°51.81'	D	B	25	BR	30	8	<2	5000	18000	23.4	560
897	D097R	118°37.48'	9°51.82'	D	B	25	BR	25	14	<2	5500	14000	26.0	570
898	D098L	118°37.55'	9°51.79'	H	B	25	BR	35	10	<2	5100	22000	25.9	630
899	D098R	118°37.56'	9°51.80'	H	B	20	BR	35	12	4	7200	14000	30.1	630
900	D099L	118°37.60'	9°51.78'	FG	B	25	BR	15	4	12	2100	10000	13.0	290
901	D099R	118°37.60'	9°51.79'	FG	B	25	BR	25	10	<2	5600	15000	26.0	620
902	D100L	118°37.65'	9°51.78'	FG	B	20	RD	20	10	<2	6500	12000	24.6	510
903	D100R	118°37.65'	9°51.78'	FG	B	25	RD	25	6	<2	3600	13000	19.3	390
904	D101L	118°37.69'	9°51.76'	H	B	20	RD	40	12	<2	8000	20000	29.5	700
905	D101R	118°37.70'	9°51.76'	H	B	25	RD	25	12	<2	5300	17000	24.8	490
906	D102L	118°37.72'	9°51.72'	H	B	25	RD	15	4	<2	6500	21000	27.5	710
907	D102R	118°37.73'	9°51.72'	H	B	25	RD	25	8	<2	9000	20000	30.4	660
908	D103L	118°37.76'	9°51.69'	H	B	25	RD	10	4	<2	6400	19000	17.1	340
909	D103R	118°37.77'	9°51.70'	H	B	25	RD	20	6	6	8700	12000	29.5	760
910	E001L	118°36.46'	9°49.51'	H	B	15	BR	85	56	<2	1070	11000	10.5	184

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
911	E001R	118°36.47'	9°49.52'	H	B	20	BR	35	26	<2	1790	20000	13.2	252
912	E002L	118°36.52'	9°49.48'	H	B	20	BR	30	36	12	430	3000	7.9	113
913	E002R	118°36.52'	9°49.49'	H	B	15	BR	25	18	<2	1810	31000	13.4	234
914	E003L	118°36.56'	9°49.46'	H	B	20	BR	30	24	<2	460	5000	7.9	132
915	E003R	118°36.57'	9°49.47'	H	B	10	BR	40	20	<2	3350	9100	18.2	402
916	E004L	118°36.65'	9°49.47'	H	B	20	RD	40	18	<2	3530	10000	17.9	395
917	E004R	118°36.64'	9°49.48'	H	B	20	RD	30	10	<2	2340	15000	15.1	330
918	E005L	118°36.67'	9°49.49'	FG	B	20	BR	50	18	<2	3340	16000	17.2	690
919	E005R	118°36.66'	9°49.50'	FG	B	20	BR	30	14	<2	3500	6800	19.9	305
920	E006L	118°36.70'	9°49.51'	H	B	20	BR	35	14	<2	3370	16000	19.2	690
921	E006R	118°36.69'	9°49.52'	H	B	20	BR	30	6	<2	1710	14000	11.0	310
922	E007L	118°36.73'	9°49.34'	H	B	20	BR	50	26	<2	460	9500	7.4	130
923	E007R	118°36.74'	9°49.34'	H	B	25	BR	40	24	6	410	5700	7.7	140
924	E008L	118°36.73'	9°49.29'	H	B	20	BR	40	24	2	620	10000	9.0	134
925	E008R	118°36.74'	9°49.29'	H	B	20	BR	40	38	16	630	6300	9.1	149
926	E009L	118°36.72'	9°49.23'	D	B	20	BR	80	52	12	1420	16000	20.4	339
927	E009R	118°36.72'	9°49.22'	D	B	20	BR	80	54	<2	1940	16000	19.0	395
928	E010L	118°36.68'	9°49.17'	D	B	20	BR	60	22	<2	2610	23000	17.5	408
929	E010R	118°36.69'	9°49.17'	D	B	25	BR	30	24	8	2110	8200	16.1	337
930	E011L	118°36.69'	9°49.11'	D	B	20	BR	50	28	8	680	4500	11.1	202
931	E011R	118°36.70'	9°49.11'	D	B	20	BR	50	44	18	1790	9100	20.2	351
932	E012L	118°36.72'	9°49.05'	FG	B	20	BR	80	52	12	500	7600	11.4	168
933	E012R	118°36.72'	9°49.05'	FG	B	15	BR	25	20	4	1510	6100	11.0	249
934	E013L	118°36.75'	9°49.01'	H	B	20	BR	75	50	8	520	7800	14.0	200
935	E013R	118°36.75'	9°49.01'	H	B	20	BR	120	100	<2	980	8100	11.1	203
936	E014L	118°36.80'	9°48.98'	H	B	30	BR	25	20	<2	340	5600	5.4	79
937	E014R	118°36.80'	9°48.99'	H	B	30	BR	75	38	<2	2490	11000	23.0	700
938	E015L	118°36.82'	9°48.96'	H	B	15	BR	80	60	36	670	12000	12.0	164
939	E015R	118°36.83'	9°48.97'	H	B	25	BR	40	34	12	1820	9600	18.0	307
940	E016L	118°36.85'	9°48.94'	H	B	25	BR	120	78	6	1230	6700	15.7	266
941	E016R	118°36.86'	9°48.95'	H	B	30	BR	35	20	<2	3310	17000	27.0	730
942	E017L	118°36.89'	9°48.91'	H	B	20	BR	60	48	<2	890	10000	14.5	212
943	E017R	118°36.90'	9°48.92'	H	B	35	BR	30	28	<2	1950	7500	24.0	366
944	E018L	118°36.93'	9°48.88'	H	B	25	BR	45	26	16	430	7700	9.9	178
945	E018R	118°36.93'	9°48.88'	H	B	25	RD	50	44	2	2850	11000	34.0	790
946	E019L	118°36.75'	9°48.96'	H	B	20	BR	40	36	<2	1210	11000	18.9	246
947	E019R	118°36.76'	9°48.95'	H	B	20	BL	20	14	<2	250	2700	4.7	74
948	E020L	118°36.76'	9°48.92'	H	B	20	BL	30	16	<2	870	14000	10.4	160
949	E020R	118°36.77'	9°48.92'	H	B	15	BR	35	18	<2	700	7100	13.3	222
950	E021L	118°36.76'	9°48.89'	H	B	20	BR	15	48	8	310	1500	5.7	105
951	E021R	118°36.77'	9°48.89'	H	B	20	RD	75	58	4	1030	5700	14.1	186
952	E022L	118°36.77'	9°48.85'	H	B	15	BL	10	22	<2	760	1200	6.3	95
953	E022R	118°36.78'	9°48.85'	H	B	25	BR	100	72	<2	1860	10000	21.6	337
954	S023L	118°36.77'	9°48.80'	H	B	25	BR	5	14	<2	110	700	3.0	41
955	E023R	118°36.78'	9°48.80'	H	B	25	BR	30	52	8	460	3600	11.5	165
956	E024L	118°36.83'	9°49.34'	H	B	20	RD	78	88	4	3020	14000	28.0	670
957	E024R	118°36.84'	9°49.35'	H	B	20	RD	35	16	<2	2540	26000	18.0	670
958	E025L	118°36.88'	9°49.32'	H	B	20	BR	35	18	2	1690	24000	12.8	244
959	E025R	118°36.89'	9°49.33'	H	B	20	BR	50	20	<2	3030	18000	17.1	388
960	E026L	118°36.93'	9°49.28'	H	B	20	BR	65	26	2	1950	16000	14.5	276
961	E026R	118°36.94'	9°49.29'	H	B	20	BR	30	28	<2	3210	14000	18.4	366
962	E027L	118°36.97'	9°49.24'	H	B	30	BR	45	26	2	3530	16000	25.0	700
963	E027R	118°36.98'	9°49.25'	H	B	30	BR	20	12	<2	2880	13000	16.0	362
964	E028L	118°37.01'	9°49.22'	H	B	30	BR	25	20	<2	7200	14000	24.0	690
965	E028R	118°37.01'	9°49.23'	H	B	30	BR	15	22	2	2510	12000	17.2	303
966	E029L	118°37.05'	9°49.19'	H	B	20	BR	35	12	2	3180	11000	18.5	397
967	E029R	118°37.05'	9°49.20'	H	B	20	BR	25	12	<2	2980	13000	17.8	640
968	E030L	118°37.10'	9°49.16'	H	B	30	BR	40	26	<2	2340	14000	18.5	294
969	E030R	118°37.10'	9°49.17'	H	B	30	BR	45	22	<2	3040	14000	19.0	650
970	E031L	118°37.15'	9°49.14'	H	B	20	BR	10	6	<2	2660	17000	13.2	290
971	E031R	118°37.15'	9°49.15'	H	B	25	BR	10	6	<2	3190	11000	18.9	670
972	E032L	118°36.94'	9°49.35'	D	B	20	YE	30	10	<2	2510	18000	16.1	361
973	E032R	118°36.93'	9°49.35'	D	B	30	RD	60	20	<2	3620	21000	22.0	910
974	E033L	118°36.98'	9°49.36'	D	B	30	BR	20	12	2	3300	14000	20.0	710
975	E033R	118°36.98'	9°49.37'	D	B	25	BR	15	8	2	2630	30000	19.4	700
976	E034L	118°37.03'	9°49.38'	H	B	20	BR	25	16	<2	3360	15000	20.0	680
977	E034R	118°37.02'	9°49.39'	H	B	30	BR	<5	8	<2	2950	25000	19.0	750
978	E035L	118°37.08'	9°49.38'	H	B	20	BR	20	10	<2	3500	16000	18.0	700
979	E035R	118°37.07'	9°49.39'	H	B	20	BR	15	4	<2	3630	14000	19.8	690
980	E036L	118°37.13'	9°49.38'	D	B	15	BR	35	10	4	3690	16000	19.5	378

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
981	E036R	118°37.13'	9°49.39'	D	B	20	BR	10	6	<2	3530	10000	19.6	680
982	E037L	118°37.19'	9°49.37'	H	B	15	BR	35	14	<2	3440	9800	17.1	303
983	E037R	118°37.20'	9°49.37'	H	B	20	BR	25	10	<2	2460	15000	17.8	680
984	E038L	118°37.26'	9°49.35'	H	B	20	BR	20	8	<2	2010	10000	17.3	373
985	E038R	118°37.26'	9°49.36'	H	B	20	BR	15	10	<2	2030	7800	12.6	231
986	E039L	118°36.83'	9°49.56'	H	B	15	BR	25	8	<2	9900	15000	26.0	920
987	E039R	118°36.82'	9°49.56'	H	B	20	BR	25	10	<2	3830	11000	21.0	660
988	E040L	118°36.85'	9°49.65'	H	B	20	BR	25	14	4	3500	10000	20.0	690
989	E040R	118°36.83'	9°49.65'	H	B	20	BR	50	24	2	3100	10000	22.0	394
990	E041	118°37.23'	9°49.86'	D	B	20	RD	20	4	10	3440	24000	35.0	370
991	E042	118°37.28'	9°49.84'	D	B	20	RD	<30	<12	<12	3630	13000	55.0	1670
992	E043	118°37.31'	9°49.79'	D	B	20	RD	<5	4	<2	3330	19000	42.0	690
993	E044	118°37.34'	9°49.75'	D	B	20	RD	15	6	<2	2800	22000	30.0	640
994	E045	118°37.38'	9°49.70'	D	B	20	RD	5	4	<2	2020	17000	20.0	173
995	E046	118°37.40'	9°49.66'	D	B	20	RD	10	6	2	2010	14000	25.0	105
996	E047	118°37.41'	9°49.62'	D	B	25	BR	5	4	<2	2210	10000	15.3	329
997	E048	118°37.43'	9°49.57'	D	B	20	BR	5	2	<2	2030	3400	7.4	193
998	E049	118°37.47'	9°49.54'	D	B	15	BR	10	<2	<2	920	5800	4.8	86
999	E050	118°35.72'	9°49.51'	H	B	15	BR	<5	8	<2	80	400	11.8	36
1000	E051	118°35.77'	9°49.50'	H	B	15	BR	<5	18	2	125	400	12.2	72
1001	E052	118°35.82'	9°49.51'	H	B	15	BR	80	110	12	750	6000	20.1	235
1002	E053	118°35.87'	9°49.49'	H	B	15	BR	50	68	8	1790	14000	34.0	395
1003	E054	118°35.91'	9°49.45'	H	B	15	BR	320	650	28	1010	4800	16.0	235
1004	E055	118°35.96'	9°49.42'	H	B	15	BR	140	140	20	1200	11000	20.3	314
1005	E056	118°36.00'	9°49.40'	H	B	15	BR	45	70	4	460	1500	15.9	245
1006	E057	118°36.05'	9°49.37'	H	B	15	BR	130	160	26	240	3500	14.7	172
1007	E058	118°36.09'	9°49.34'	FG	B	15	BR	65	130	12	400	2700	18.5	156
1008	E059	118°36.13'	9°49.29'	FG	B	15	BR	85	76	14	300	2200	10.7	275
1009	E060	118°36.16'	9°49.24'	H	B	15	BR	75	110	18	3900	2600	19.0	291
1010	E061	118°36.19'	9°49.20'	H	B	15	BR	150	90	12	420	5800	19.0	86
1011	E062	118°36.21'	9°49.15'	H	B	15	BR	25	34	2	260	600	8.4	218
1012	E063	118°36.26'	9°49.13'	H	B	15	BR	70	86	14	710	2500	16.6	217
1013	E064	118°36.29'	9°49.10'	H	B	15	BR	45	30	4	320	2400	10.8	138
1014	E065	118°35.67'	9°49.53'	H	B	15	RD	15	6	<2	62	400	13.1	104
1015	E066	118°35.64'	9°49.56'	H	B	15	RD	20	36	6	150	1300	15.6	121
1016	E067	118°35.61'	9°49.59'	H	B	15	RD	20	30	2	121	1300	14.7	90
1017	E068	118°35.58'	9°49.61'	H	B	15	RD	30	34	4	69	1300	14.0	21
1018	E069	118°35.55'	9°49.65'	H	B	15	OR	10	34	<2	66	1300	13.8	9
1019	E070	118°35.52'	9°49.68'	H	B	15	OR	15	16	<2	81	500	10.2	8
1020	E071	118°35.47'	9°49.68'	H	B	15	RD	10	20	2	80	600	10.5	13
1021	E072	118°35.41'	9°49.70'	G	B	15	YE	30	30	2	28	600	10.8	10
1022	E073	118°35.34'	9°49.71'	G	B	15	YE	<5	6	<2	77	500	7.8	21
1023	E074	118°35.28'	9°49.72'	G	B	15	YE	<5	<2	<2	67	300	11.9	25
1024	E075L	118°36.87'	9°53.34'	H	B	15	BR	<5	<2	<2	360	2400	8.4	89
1025	E075R	118°36.88'	9°53.35'	H	B	15	BR	20	10	<2	2910	20000	12.1	355
1026	E076L	118°36.89'	9°53.29'	H	B	15	BR	25	12	<2	2650	27000	14.0	394
1027	E076R	118°36.90'	9°53.29'	H	B	15	BR	15	4	<2	2620	26000	15.3	339
1028	E077L	118°36.89'	9°53.24'	H	B	15	BR	<5	8	<2	1970	30000	12.4	830
1029	E077R	118°36.90'	9°53.25'	H	B	15	RD	<5	2	4	590	2600	9.3	156
1030	E078L	118°36.90'	9°53.21'	H	B	20	RD	<5	4	<2	1120	2800	8.5	134
1031	E078R	118°36.91'	9°53.21'	H	B	20	BL	<5	2	<2	930	10000	8.9	131
1032	E079L	118°36.93'	9°53.18'	H	B	20	BR	<5	6	<2	3440	1500	9.6	216
1033	E079R	118°36.94'	9°53.18'	H	B	10	BL	<5	2	<2	1720	5000	10.8	226
1034	E080L	118°36.98'	9°53.12'	H	B	20	BR	30	8	2	3060	46000	16.3	870
1035	E080R	118°36.99'	9°53.13'	H	B	20	BR	50	6	<2	3540	32000	18.4	840
1036	E081L	118°37.01'	9°53.08'	H	B	20	RD	35	10	<2	4020	34000	30.0	1260
1037	E081R	118°37.02'	9°53.08'	H	B	20	RD	40	6	<2	3940	44000	32.0	1470
1038	E082L	118°37.03'	9°53.02'	H	B	20	RD	80	12	<2	3600	36000	18.4	880
1039	E082R	118°37.03'	9°53.03'	H	B	20	RD	60	6	<2	3950	41000	31.0	1280
1040	E083L	118°37.04'	9°52.96'	H	B	20	BR	50	12	<2	8600	44000	31.0	1020
1041	E083R	118°37.05'	9°52.96'	H	B	20	BR	50	12	<2	3880	36000	34.0	1090
1042	E084L	118°36.92'	9°53.05'	H	B	15	BR	70	20	2	3290	18000	18.2	700
1043	E084R	118°36.93'	9°53.05'	H	B	20	BR	90	16	<4	4000	22000	27.0	980
1044	E085L	118°36.93'	9°53.11'	H	B	20	BR	30	16	20	3410	20000	16.6	830
1045	E085R	118°36.94'	9°53.11'	H	B	20	BR	10	8	4	3780	23000	19.5	790
1046	E086L	118°36.93'	9°53.27'	H	B	20	BR	10	18	30	2780	28000	13.6	312
1047	E086R	118°36.94'	9°53.28'	H	B	20	BR	10	12	28	2710	25000	14.8	285
1048	E087L	118°36.97'	9°53.24'	H	B	20	BR	15	14	<4	2530	31000	13.6	345
1049	E087R	118°36.97'	9°53.25'	H	B	20	BR	20	34	56	2400	24000	12.1	257
1050	E088L	118°36.99'	9°53.20'	H	B	20	RD	30	28	40	3490	20000	19.8	358

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

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No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1051	E088R	118°37.00'	9°53.20'	H	B	20	BR	20	16	24	2270	16000	11.1	265
1052	E089L	118°37.01'	9°53.17'	H	B	20	BR	<10	16	28	2900	24000	13.0	285
1053	E089R	118°37.02'	9°53.17'	H	B	20	BR	20	20	28	3030	14000	12.3	363
1054	E090L	118°37.04'	9°53.11'	FG	B	20	BR	20	24	36	2480	18000	12.7	298
1055	E090R	118°37.05'	9°53.12'	FG	B	20	RD	30	26	42	3190	23000	15.9	710
1056	E091L	118°37.08'	9°53.07'	H	B	20	RD	20	20	34	3060	13000	14.3	306
1057	E091R	118°37.09'	9°53.07'	H	B	15	YE	30	22	34	3360	18000	16.1	378
1058	E092L	118°36.88'	9°53.37'	H	B	20	BR	30	8	2	2310	32000	10.9	293
1059	E092R	118°36.89'	9°53.37'	H	B	20	BR	10	4	<2	2220	22000	10.1	308
1060	E093L	118°36.93'	9°53.35'	H	B	20	BL	20	4	<2	2810	26000	12.9	392
1061	E093R	118°36.93'	9°53.35'	H	B	20	BL	20	8	<2	3510	27000	17.3	710
1062	E094L	118°36.97'	9°53.32'	H	B	20	BR	20	10	<2	3410	34000	21.1	890
1063	E094R	118°36.97'	9°53.33'	H	B	20	BR	45	12	<2	3940	36000	31.0	1240
1064	E095L	118°37.02'	9°53.31'	H	B	20	RD	40	4	<2	3850	28000	31.0	960
1065	E095R	118°37.02'	9°53.32'	H	B	20	RD	70	14	<2	3950	38000	38.0	1230
1066	E096L	118°37.07'	9°53.31'	H	B	20	RD	30	8	<2	3680	32000	20.7	870
1067	E096R	118°37.07'	9°53.32'	H	B	20	RD	60	12	<4	9300	60000	34.0	1320
1068	E097L	118°37.10'	9°53.28'	H	B	20	BR	25	4	<2	3050	18000	16.8	690
1069	E097R	118°37.11'	9°53.29'	H	B	20	RD	50	14	<2	3670	37000	21.8	970
1070	E098L	118°37.15'	9°53.26'	H	B	20	RD	25	4	<2	2920	11000	16.2	800
1071	E098R	118°37.15'	9°53.27'	H	B	20	RD	30	12	2	3350	24000	26.0	870
1072	E099L	118°37.20'	9°53.25'	H	B	20	BR	20	6	<2	2650	13000	13.9	368
1073	E099R	118°37.20'	9°53.26'	H	B	20	BR	30	10	<2	3150	20000	19.5	880
1074	E100L	118°37.26'	9°53.27'	H	B	20	RD	10	10	4	3400	15000	20.1	660
1075	E100R	118°37.26'	9°53.28'	H	B	20	BR	10	12	<2	1900	11000	11.4	280
1076	E101L	118°37.29'	9°53.29'	H	B	20	RD	20	16	<2	2180	11000	14.9	245
1077	E101R	118°37.29'	9°53.30'	H	B	20	BR	30	14	<2	2220	14000	15.1	870
1078	E102L	118°37.32'	9°53.30'	H	B	20	BR	10	12	<2	2890	13000	11.6	630
1079	E102R	118°37.32'	9°53.31'	H	B	20	BR	25	16	<2	3520	19000	18.5	910
1080	E103L	118°37.36'	9°53.31'	H	B	20	BR	15	12	<2	2820	4200	9.4	213
1081	E103R	118°37.36'	9°53.32'	H	B	20	BR	10	12	<2	2400	9500	12.0	325
1082	E104L	118°37.40'	9°53.30'	H	B	20	RD	25	14	<2	3310	16000	15.2	830
1083	E104R	118°37.41'	9°53.31'	H	B	20	BR	20	14	<2	2690	14000	13.3	680
1084	E105L	118°37.23'	9°53.22'	H	B	20	BR	25	12	<2	3180	25000	15.9	740
1085	E105R	118°37.24'	9°53.22'	H	B	20	BR	15	12	<2	2220	10000	12.6	256
1086	E106L	118°37.25'	9°53.20'	H	B	20	BR	40	18	<2	3720	20000	21.1	960
1087	E106R	118°37.26'	9°53.20'	H	B	20	BR	35	28	<2	3990	15000	30.0	890
1088	E107L	118°37.28'	9°53.16'	H	B	20	RD	50	32	<2	10600	16000	34.0	980
1089	E107R	118°37.28'	9°53.16'	H	B	20	RD	30	20	<2	3830	18000	35.0	910
1090	E108L	118°37.29'	9°53.12'	H	B	20	RD	20	20	<2	2240	9000	12.4	262
1091	E108R	118°37.30'	9°53.13'	H	B	20	RD	25	18	<2	3720	24000	28.0	940
1092	E109L	118°37.30'	9°53.10'	H	B	20	RD	40	26	14	2540	16000	15.1	750
1093	E109R	118°37.31'	9°53.10'	H	B	20	RD	35	30	8	3900	13000	33.0	860
1094	E110L	118°37.01'	9°53.26'	H	B	20	BR	10	8	2	2250	11000	11.2	246
1095	E110R	118°37.02'	9°53.26'	H	B	20	BR	10	6	<2	2000	16000	11.2	283
1096	E111L	118°37.04'	9°53.22'	H	B	20	RD	40	16	<2	3800	38000	30.0	1330
1097	E111R	118°37.04'	9°53.23'	H	B	20	RD	30	16	<2	3780	22000	32.0	1090
1098	E112L	118°37.07'	9°53.18'	H	B	20	BR	25	14	<2	3780	27000	15.5	850
1099	E112R	118°37.08'	9°53.19'	H	B	20	BR	15	18	6	2990	11000	12.9	710
1100	E113L	118°37.11'	9°53.15'	H	B	20	RD	30	28	8	4800	18000	17.5	530
1101	E113R	118°37.11'	9°53.15'	H	B	20	YE	5	16	<2	1510	11000	5.8	170
1102	E114L	118°37.13'	9°53.10'	H	B	20	BR	20	30	4	4500	10400	14.5	350
1103	E114R	118°37.13'	9°53.11'	H	B	20	RD	35	36	<2	5600	30000	21.1	660
1104	E115L	118°37.17'	9°53.09'	H	B	20	BR	25	36	2	5100	17000	16.2	420
1105	E115R	118°37.18'	9°53.10'	H	B	20	BR	20	36	<2	4200	13000	13.9	410
1106	E116L	118°37.22'	9°53.07'	H	B	20	BR	30	40	<2	5800	12000	20.2	530
1107	E116R	118°37.22'	9°53.07'	H	B	20	RD	30	40	<2	5300	15000	17.8	590
1108	E117L	118°37.23'	9°53.03'	H	B	20	BR	35	46	<2	5300	17000	18.7	680
1109	E117R	118°37.24'	9°53.04'	H	B	20	BR	40	80	<2	5500	22000	21.5	680
1110	E118L	118°37.25'	9°53.00'	H	B	20	BR	35	50	16	5800	17000	27.0	590
1111	E118R	118°37.26'	9°53.01'	H	B	20	BR	25	50	18	5500	18000	29.0	570
1112	E119	118°37.24'	9°52.97'	H	B	20	BR	20	56	22	4500	10000	13.8	360
1113	E120	118°37.21'	9°52.97'	H	B	20	BR	20	60	20	4700	10000	16.8	380
1114	E121	118°37.15'	9°52.97'	H	B	20	BR	40	60	20	5200	28000	19.6	890
1115	E122	118°37.09'	9°52.97'	H	B	20	BR	40	60	20	5600	30000	20.1	1080
1116	E123	118°37.03'	9°52.98'	H	B	20	BR	<5	55	22	7900	4400	15.5	390
1117	E124	118°36.99'	9°52.99'	H	B	20	BR	120	100	48	6700	30000	35.0	850
1118	E125	118°36.95'	9°53.00'	H	B	20	BR	50	80	24	5300	18000	17.9	410
1119	E126	118°36.90'	9°53.03'	H	B	20	BR	60	80	22	5800	20000	19.4	650
1120	E127	118°36.85'	9°53.07'	H	B	20	BR	50	26	8	3340	13000	14.0	470

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1121	E128	118°36.81'	9°53.10'	H	B	20	BR	35	36	10	3970	7400	12.3	300
1122	F001L	118°34.84'	9°51.00'	H	B	20	BR	45	24	10	1400	33000	9.6	250
1123	F001R	118°34.84'	9°51.01'	H	B	20	BR	30	26	20	1390	46000	8.7	190
1124	F002L	118°34.89'	9°50.97'	H	B	20	BR	65	50	24	920	14000	8.8	76
1125	F002R	118°34.89'	9°50.98'	H	B	25	BR	35	26	<2	1110	40000	8.9	180
1126	F003L	118°34.93'	9°50.96'	H	B	25	BR	30	26	20	1170	26000	8.4	170
1127	F003R	118°34.93'	9°50.97'	H	B	25	BR	35	26	18	1220	28000	8.7	230
1128	F004L	118°34.90'	9°50.89'	H	B	25	BR	15	30	20	105	4000	5.6	59
1129	F004R	118°34.91'	9°50.89'	H	B	25	BR	15	24	<2	80	1100	4.8	75
1130	F005L	118°34.88'	9°50.84'	H	B	20	BR	55	38	38	160	2100	3.4	65
1131	F005R	118°34.89'	9°50.84'	H	B	20	BR	60	60	50	290	2200	5.3	140
1132	F006L	118°34.97'	9°50.95'	H	B	25	BR	30	26	24	1670	18000	9.7	230
1133	F006R	118°34.97'	9°50.96'	H	B	25	BR	35	30	<5	1220	26000	9.2	220
1134	F007L	118°35.02'	9°50.95'	H	B	25	BR	25	30	18	620	21000	7.4	110
1135	F007R	118°35.02'	9°50.96'	H	B	25	BR	35	16	8	1330	32000	9.0	230
1136	F008L	118°35.05'	9°50.95'	H	B	25	BR	30	14	6	1260	34000	8.0	200
1137	F008R	118°35.06'	9°50.95'	H	B	20	BR	35	16	4	1440	27000	8.6	210
1138	F009L	118°35.10'	9°50.95'	H	B	25	BR	30	16	4	1490	32000	8.8	250
1139	F009R	118°35.10'	9°50.96'	H	B	25	BR	25	8	2	490	19000	8.4	210
1140	F010L	118°35.14'	9°50.92'	H	B	20	BR	30	12	<2	1300	43000	8.5	230
1141	F010R	118°35.14'	9°50.93'	H	B	20	BR	30	12	<2	1330	22000	8.0	190
1142	F011L	118°35.19'	9°50.90'	H	B	25	BR	30	12	2	1250	32000	9.5	240
1143	F011R	118°35.19'	9°50.91'	H	B	25	BR	65	36	6	660	23000	9.4	230
1144	F012L	118°35.23'	9°50.87'	D	B	20	BL	30	14	6	1510	33000	9.3	230
1145	F012R	118°35.24'	9°50.87'	D	B	20	BL	50	22	4	980	21000	8.7	180
1146	F013L	118°35.29'	9°50.87'	H	B	25	BL	10	2	2	690	6500	8.7	120
1147	F013R	118°35.29'	9°50.88'	H	B	20	BR	20	10	2	800	13000	8.7	200
1148	F014L	118°35.33'	9°50.90'	H	B	25	BR	10	4	<2	430	6900	7.8	140
1149	F014R	118°35.32'	9°50.91'	H	B	25	BR	25	8	<2	700	8000	8.3	180
1150	F015L	118°35.38'	9°50.93'	H	B	25	BL	25	4	<2	1930	14000	25.0	440
1151	F015R	118°35.37'	9°50.93'	H	B	25	BR	20	16	<2	940	6000	11.4	180
1152	F016L	118°35.42'	9°50.95'	H	B	25	BR	5	<2	<2	100	800	4.1	51
1153	F016R	118°35.41'	9°50.96'	H	B	25	BR	10	<2	44	190	800	5.7	59
1154	F017L	118°35.26'	9°50.82'	D	B	20	BL	40	14	<2	1590	16000	9.7	260
1155	F017R	118°35.26'	9°50.83'	D	B	25	BL	40	12	<2	1520	26000	9.9	290
1156	F018L	118°35.28'	9°50.78'	D	B	15	BL	30	16	100	1600	53000	9.3	250
1157	F018R	118°35.28'	9°50.78'	D	B	20	BL	35	26	14	1380	18000	13.1	330
1158	F019L	118°35.33'	9°50.74'	D	B	25	BR	35	10	8	1420	30000	9.4	280
1159	F019R	118°35.33'	9°50.75'	D	B	25	BR	35	16	8	1190	18000	9.4	280
1160	F020L	118°35.34'	9°50.69'	D	B	25	BL	70	42	14	600	5100	7.9	220
1161	F020R	118°35.35'	9°50.70'	D	B	25	BL	35	16	8	1460	34000	9.6	260
1162	F021L	118°35.39'	9°50.69'	D	B	25	BR	30	18	6	140	19000	9.3	250
1163	F021R	118°35.40'	9°50.69'	D	B	25	BR	75	46	8	980	22000	11.0	240
1164	F022L	118°35.41'	9°50.65'	D	B	20	BR	45	30	8	500	13000	7.9	200
1165	F022R	118°35.42'	9°50.65'	D	B	25	BR	45	28	10	670	15000	7.9	260
1166	F023L	118°35.39'	9°50.60'	D	B	25	BR	65	30	18	220	5600	5.7	180
1167	F023R	118°35.40'	9°50.60'	D	B	25	BR	110	70	50	310	3500	6.1	160
1168	F024L	118°35.38'	9°50.55'	H	B	25	BR	85	50	12	410	6900	8.0	190
1169	F024R	118°35.39'	9°50.55'	H	B	25	BR	30	30	10	490	3500	9.4	170
1170	F025L	118°35.35'	9°50.51'	H	B	25	BR	40	40	4	360	5400	7.6	170
1171	F025R	118°35.36'	9°50.50'	H	B	25	BR	50	36	6	480	5700	7.0	210
1172	F026L	118°35.07'	9°50.92'	H	B	25	BR	25	26	10	590	43000	8.8	160
1173	F026R	118°35.08'	9°50.92'	H	B	25	BR	35	20	4	1590	29000	10.6	290
1174	F027L	118°35.11'	9°50.88'	H	B	25	BR	50	40	18	250	3100	4.8	140
1175	F027R	118°35.12'	9°50.88'	H	B	20	BR	20	20	4	720	31000	9.5	180
1176	F028L	118°35.15'	9°50.84'	H	B	20	BR	15	10	<2	340	52000	6.2	140
1177	F028R	118°35.16'	9°50.85'	H	B	20	BR	85	56	8	460	25000	8.7	270
1178	F029L	118°35.18'	9°50.80'	H	B	20	BR	100	48	2	850	12000	9.6	710
1179	F029R	118°35.19'	9°50.81'	H	B	25	BR	40	30	2	390	40000	7.2	240
1180	F030L	118°35.20'	9°50.76'	H	B	25	BR	10	18	4	540	15000	10.6	390
1181	F030R	118°35.21'	9°50.76'	H	B	25	BR	15	24	<2	630	58000	7.7	210
1182	F031L	118°35.19'	9°50.71'	H	B	25	BR	10	24	4	530	21000	7.1	180
1183	F031R	118°35.20'	9°50.71'	H	B	25	RD	40	68	2	730	10000	20.6	280
1184	F032L	118°35.42'	9°50.66'	H	B	25	BR	30	40	<2	1860	34000	10.4	280
1185	F032R	118°35.43'	9°50.67'	H	B	25	BR	45	40	6	1260	28000	10.9	330
1186	F033L	118°35.45'	9°50.62'	H	B	25	BL	20	56	8	1580	58000	9.1	230
1187	F033R	118°35.46'	9°50.62'	H	B	25	BR	40	50	8	1510	32000	10.1	310
1188	F034L	118°35.51'	9°50.61'	H	B	25	BR	95	86	18	830	12000	10.2	270
1189	F034R	118°35.51'	9°50.62'	H	B	25	BR	28	50	8	1920	24000	11.6	330
1190	F035L	118°35.56'	9°50.59'	D	B	25	RD	65	86	<2	730	15000	10.8	330

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1191	F035R	118°35.56'	9°50.60'	D	B	25	RD	20	56	8	1930	26000	9.9	290
1192	F036L	118°35.60'	9°50.56'	D	B	25	RD	30	50	10	1180	24000	12.7	370
1193	F036R	118°35.60'	9°50.56'	D	B	25	RD	25	50	12	1740	28000	10.6	310
1194	F037L	118°35.47'	9°50.67'	H	B	25	RD	70	84	<2	1400	30000	16.5	440
1195	F037R	118°35.48'	9°50.68'	H	B	25	BR	100	100	18	1100	14000	10.0	280
1196	F038L	118°35.51'	9°50.65'	D	B	25	BR	40	50	6	820	29000	8.7	270
1197	F038R	118°35.52'	9°50.66'	D	B	25	BR	15	44	10	960	37000	10.7	360
1198	F039L	118°35.57'	9°50.64'	D	B	25	BR	40	54	8	1200	21000	12.7	330
1199	F039R	118°35.57'	9°50.65'	D	B	25	BR	5	10	<2	1240	14000	11.9	380
1200	F040L	118°35.61'	9°50.66'	H	B	25	RD	35	30	4	2070	25000	21.5	310
1201	F040R	118°35.61'	9°50.67'	H	B	25	BR	40	24	<2	3300	28000	24.5	560
1202	F041L	118°35.46'	9°50.56'	D	B	25	BR	35	38	14	1030	23000	14.1	180
1203	F041R	118°35.47'	9°50.56'	D	B	25	BR	20	20	<2	8100	20000	8.2	170
1204	F042L	118°35.46'	9°50.51'	D	B	25	RD	15	12	<2	1100	24000	10.8	140
1205	F042R	118°35.47'	9°50.51'	D	B	25	RD	10	8	<2	2280	17000	15.8	360
1206	F043L	118°35.45'	9°50.45'	H	B	25	BL	25	14	4	1010	16000	8.2	110
1207	F043R	118°35.45'	9°50.45'	H	B	25	RD	20	14	<2	4140	23000	20.5	640
1208	F044L	118°35.43'	9°50.41'	H	B	25	BR	20	12	<2	1710	13000	11.8	350
1209	F044R	118°35.44'	9°50.40'	H	B	25	BR	15	12	<2	1150	17000	7.9	120
1210	F045L	118°35.55'	9°50.53'	H	B	25	RD	10	8	<2	3860	24000	23.5	540
1211	F045R	118°35.56'	9°50.54'	H	B	25	BR	45	48	6	1940	12000	17.3	330
1212	F046L	118°35.56'	9°50.47'	H	B	25	BR	25	14	2	2040	18000	13.9	310
1213	F046R	118°35.56'	9°50.48'	H	B	25	BR	25	4	4	1650	22000	17.1	420
1214	F047L	118°35.55'	9°50.42'	H	B	25	BR	15	<2	2	2110	14000	11.9	290
1215	F047R	118°35.56'	9°50.42'	H	B	25	BR	<5	<2	2	650	1600	6.4	81
1216	F048L	118°35.65'	9°50.56'	D	B	25	RD	40	12	2	2540	14000	13.2	390
1217	F048R	118°35.65'	9°50.57'	D	B	25	BR	25	<2	6	1660	14000	8.2	210
1218	F049L	118°35.69'	9°50.53'	D	B	25	BR	25	12	4	2620	25000	10.1	240
1219	F049R	118°35.69'	9°50.54'	D	B	25	BR	30	12	4	2390	18000	10.5	280
1220	F050L	118°35.73'	9°50.51'	D	B	25	RD	20	<2	4	3160	19000	14.6	490
1221	F050R	118°35.73'	9°50.52'	D	B	25	BR	45	18	4	4110	34000	17.2	400
1222	F051L	118°35.76'	9°50.48'	H	B	25	BR	15	8	6	2010	19000	9.5	190
1223	F051R	118°35.76'	9°50.49'	H	B	20	BR	35	18	6	3100	27000	14.7	420
1224	F052L	118°35.80'	9°50.45'	H	B	25	BR	35	20	6	2520	26000	11.1	330
1225	F052R	118°35.80'	9°50.46'	H	B	25	BR	15	10	8	3260	36000	13.9	340
1226	F053L	118°35.84'	9°50.42'	D	B	25	BR	30	20	4	3270	18000	13.2	330
1227	F053R	118°35.84'	9°50.42'	D	B	25	BR	30	10	4	2540	67000	13.9	480
1228	F054L	118°35.87'	9°50.39'	H	B	25	BR	10	8	4	3370	17000	12.3	270
1229	F054R	118°35.88'	9°50.40'	H	B	25	BR	30	20	4	2940	30000	16.1	410
1230	F055L	118°35.92'	9°50.37'	H	B	25	BR	40	20	4	5400	19000	20.0	590
1231	F055R	118°35.93'	9°50.38'	H	B	25	BR	30	20	4	3630	15000	19.2	320
1232	F056L	118°35.97'	9°50.34'	D	B	25	RD	30	20	4	7400	23000	34.5	770
1233	F056R	118°35.98'	9°50.35'	D	B	25	BR	50	38	8	3730	29000	19.3	550
1234	F057L	118°36.02'	9°50.31'	D	B	25	RD	30	20	6	8200	21000	29.0	650
1235	F057R	118°36.03'	9°50.32'	D	B	25	BR	80	36	6	2830	45000	22.5	530
1236	F058L	118°36.08'	9°50.29'	D	B	25	RD	80	26	2	6300	19000	25.5	720
1237	F058R	118°36.08'	9°50.30'	D	B	25	BR	30	10	2	2540	21000	11.5	270
1238	F059L	118°36.14'	9°50.29'	D	B	25	RD	80	36	4	4700	19000	27.0	540
1239	F059R	118°36.13'	9°50.30'	D	B	25	BR	95	36	6	2870	26000	18.7	410
1240	F060L	118°36.18'	9°50.27'	D	B	25	RD	80	34	4	5400	14000	26.5	570
1241	F060R	118°36.18'	9°50.28'	D	B	25	BR	55	48	8	2570	12000	24.0	380
1242	F061L	118°36.23'	9°50.26'	D	B	25	BR	40	26	4	4400	16000	18.8	370
1243	F061R	118°36.23'	9°50.27'	D	B	25	BR	40	30	2	3250	19000	15.6	330
1244	F062L	118°36.29'	9°50.25'	D	B	20	BR	45	42	6	2580	13000	13.9	280
1245	F062R	118°36.29'	9°50.26'	D	B	25	BR	65	50	4	2740	26000	20.3	400
1246	F063L	118°36.33'	9°50.23'	H	B	25	BR	60	64	8	2770	10000	16.1	200
1247	F063R	118°36.34'	9°50.23'	H	B	25	BL	75	48	4	2020	15000	13.6	210
1248	F064L	118°36.38'	9°50.19'	H	B	25	BR	25	34	6	2460	3800	14.8	220
1249	F064R	118°36.39'	9°50.20'	H	B	25	BR	45	28	4	2310	13000	17.3	230
1250	F065L	118°36.44'	9°50.17'	H	B	25	BR	105	92	10	4500	18000	16.0	250
1251	F065R	118°36.44'	9°50.18'	H	B	25	BR	45	40	8	2720	3200	18.1	290
1252	F066L	118°36.48'	9°50.14'	H	B	25	RD	25	14	2	5900	15000	18.9	330
1253	F066R	118°36.48'	9°50.14'	H	B	25	BR	50	40	8	3850	10000	19.2	320
1254	F067L	118°36.53'	9°50.11'	H	B	25	RD	30	18	2	5800	12000	23.0	450
1255	F067R	118°36.53'	9°50.12'	H	B	25	BR	25	22	6	4400	11000	21.0	350
1256	F068L	118°36.57'	9°50.08'	H	B	25	BR	30	16	6	5300	12000	21.5	440
1257	F068R	118°36.57'	9°50.09'	H	B	25	BR	25	10	2	6000	10000	17.3	370
1258	F069L	118°36.62'	9°50.07'	D	B	20	BR	20	10	2	4190	15000	18.6	380
1259	F069R	118°36.63'	9°50.08'	D	B	25	BR	30	24	2	4160	12000	23.5	380
1260	F070L	118°36.67'	9°50.06'	D	B	25	BR	25	16	<2	3720	20000	21.5	430

Appendix 10 Chemical analyses of geochemical soil samples in area A-1

No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1261	F070R	118°36.68'	9°50.07'	D	B	20	BR	30	12	12	3860	19000	14.3	400
1262	F071L	118°36.79'	9°51.84'	H	B	25	RD	20	10	4	3500	39000	14.2	580
1263	F071R	118°36.79'	9°51.84'	H	B	25	BR	10	4	2	4000	35000	12.6	310
1264	F072L	118°36.77'	9°51.78'	H	B	25	BL	20	10	2	5500	28000	17.4	380
1265	F072R	118°36.78'	9°51.78'	H	B	25	BR	15	8	<2	4300	33000	17.5	460
1266	F073L	118°36.76'	9°51.74'	H	B	25	BR	25	14	4	4800	29000	17.2	710
1267	F073R	118°36.77'	9°51.74'	H	B	25	BR	20	12	<2	4100	32000	14.0	360
1268	F074L	118°36.75'	9°51.68'	H	B	25	BR	20	28	<4	4700	22000	15.9	630
1269	F074R	118°36.76'	9°51.68'	H	B	25	BR	20	14	6	5200	35000	17.6	460
1270	F075L	118°36.77'	9°51.62'	H	B	25	BR	20	10	2	4000	20000	13.9	460
1271	F075R	118°36.78'	9°51.63'	H	B	25	BR	20	10	<2	4400	36000	15.8	370
1272	F076L	118°36.80'	9°51.60'	H	B	25	BR	30	16	4	5000	32000	17.6	480
1273	F076R	118°36.81'	9°51.60'	H	B	25	BR	20	14	<2	4600	31000	15.8	390
1274	F077L	118°36.86'	9°51.56'	H	B	25	BR	30	16	<2	4900	31000	16.8	460
1275	F077R	118°36.87'	9°51.57'	H	B	25	BR	25	18	<2	6100	34000	20.6	410
1276	F078L	118°36.90'	9°51.53'	D	B	25	BR	20	16	<2	4900	22000	16.6	360
1277	F078R	118°36.91'	9°51.54'	D	B	25	BR	20	12	16	5500	18000	22.7	570
1278	F079L	118°36.93'	9°51.49'	H	B	25	BR	40	16	4	7200	18000	25.8	600
1279	F079R	118°36.94'	9°51.50'	H	B	25	BR	20	8	<2	4400	28000	16.3	330
1280	F080L	118°36.98'	9°51.47'	D	B	25	RD	20	8	<2	6100	21000	19.3	480
1281	F080R	118°36.98'	9°51.48'	D	B	25	RD	20	14	<2	7400	17000	25.5	470
1282	F081L	118°37.00'	9°51.44'	H	B	25	BR	30	14	<2	6500	21000	19.6	440
1283	F081R	118°37.01'	9°51.44'	H	B	25	RD	25	16	6	9800	15000	30.5	650
1284	F082L	118°37.01'	9°51.39'	H	B	25	RD	40	20	2	6300	19000	29.3	620
1285	F082R	118°37.01'	9°51.39'	H	B	25	BR	35	14	<2	5000	39000	20.6	610
1286	F083L	118°37.01'	9°51.34'	H	B	25	RD	35	16	2	7000	29000	24.0	700
1287	F083R	118°37.02'	9°51.35'	H	B	25	BR	15	10	2	2900	51000	9.1	300
1288	F084L	118°37.02'	9°51.29'	H	B	25	RD	30	22	<2	6100	20000	28.5	560
1289	F084R	118°37.03'	9°51.29'	H	B	25	RD	15	18	<2	11200	12000	35.5	650
1290	F085L	118°37.02'	9°51.24'	H	B	25	RD	20	20	<2	7600	14000	35.5	760
1291	F085R	118°37.03'	9°51.24'	H	B	25	RD	30	14	4	5900	25000	23.7	510
1292	F086L	118°37.01'	9°51.19'	H	B	25	RD	25	12	16	13100	17000	32.0	850
1293	F086R	118°37.02'	9°51.19'	H	B	25	RD	25	20	2	6100	18000	22.6	460
1294	F087L	118°37.00'	9°51.16'	D	B	25	RD	40	34	4	6200	19000	27.4	450
1295	F087R	118°37.01'	9°51.15'	D	B	25	RD	25	18	<2	4100	18000	23.6	450
1296	F088L	118°36.98'	9°51.11'	H	B	25	RD	25	16	<2	5600	35000	21.6	350
1297	F088R	118°37.00'	9°51.11'	H	B	25	RD	55	36	2	7200	15000	28.0	420
1298	F089L	118°36.98'	9°51.06'	H	B	25	RD	50	32	4	7000	12000	27.5	670
1299	F089R	118°36.99'	9°51.06'	H	B	25	RD	50	14	<2	8000	10000	31.0	690
1300	F090L	118°36.97'	9°51.02'	H	B	25	RD	65	10	<2	7800	19000	26.5	500
1301	F090R	118°36.99'	9°51.02'	H	B	25	RD	55	12	<2	8900	22000	25.0	520
1302	F091L	118°36.97'	9°50.97'	H	B	15	RD	55	12	6	7100	23000	26.0	660
1303	F091R	118°36.98'	9°50.97'	H	B	25	RD	60	18	<2	7500	18000	24.0	660
1304	F092L	118°37.04'	9°51.46'	H	B	25	RD	35	<2	<2	4800	16000	18.7	470
1305	F092R	118°37.04'	9°51.46'	H	B	25	BR	30	<2	<2	5900	20000	19.0	400
1306	F093L	118°37.08'	9°51.44'	H	B	25	RD	30	<2	<2	5000	18000	18.6	360
1307	F093R	118°37.09'	9°51.44'	H	B	25	RD	35	4	<2	7700	17000	25.4	690
1308	F094L	118°37.12'	9°51.40'	H	B	25	RD	25	<2	<2	5200	17000	18.0	380
1309	F094R	118°37.13'	9°51.41'	H	B	25	RD	20	<2	<2	5700	17000	22.9	530
1310	F095L	118°37.15'	9°51.36'	H	B	25	RD	40	10	<2	7700	15000	30.5	860
1311	F095R	118°37.16'	9°51.37'	H	B	25	RD	35	6	2	8600	12000	28.5	790
1312	F096L	118°37.20'	9°51.33'	H	B	25	RD	35	10	<2	6000	16000	32.0	620
1313	F096R	118°37.20'	9°51.33'	H	B	25	RD	20	<2	<2	5400	18000	18.7	520
1314	F097L	118°37.23'	9°51.29'	H	B	25	RD	45	14	<2	5200	12000	36.5	650
1315	F097R	118°37.24'	9°51.30'	H	B	25	RD	20	<2	<2	4000	24000	16.2	410
1316	F098L	118°37.27'	9°51.26'	H	B	25	RD	35	6	<2	7000	16000	27.6	660
1317	F098R	118°37.27'	9°51.27'	H	B	25	RD	30	16	<2	4900	10000	23.7	490
1318	F099L	118°37.31'	9°51.23'	H	B	25	RD	20	<2	<2	5800	30000	20.4	490
1319	F099R	118°37.32'	9°51.23'	H	B	25	RD	30	<2	<2	4400	18000	21.3	740
1320	F100L	118°37.35'	9°51.19'	H	B	25	RD	45	12	<2	7400	18000	33.0	860
1321	F100R	118°37.36'	9°51.20'	H	B	25	RD	10	<2	<2	6500	19000	29.7	970
1322	F101L	118°37.39'	9°51.17'	H	B	25	RD	25	6	<2	4300	21000	28.5	530
1323	F101R	118°37.40'	9°51.17'	FG	B	25	RD	25	4	<2	4700	15000	28.0	560
1324	F102L	118°37.44'	9°51.13'	H	B	25	RD	35	10	2	5200	27000	27.2	860
1325	F102R	118°37.44'	9°51.14'	H	B	25	RD	20	6	4	3400	11000	19.5	390
1326	F103L	118°37.47'	9°51.10'	H	B	20	RD	35	14	<2	6100	22000	32.5	1020
1327	F103R	118°37.48'	9°51.10'	H	B	25	RD	15	6	<2	3800	22000	18.0	460
1328	F104L	118°37.50'	9°51.05'	H	B	20	RD	30	6	<2	4100	11000	26.7	970
1329	F104R	118°37.51'	9°51.06'	H	B	25	RD	35	8	2	4800	17000	30.1	810
1330	F105L	118°37.54'	9°51.01'	H	B	25	RD	25	8	4	3900	19000	25.8	1090

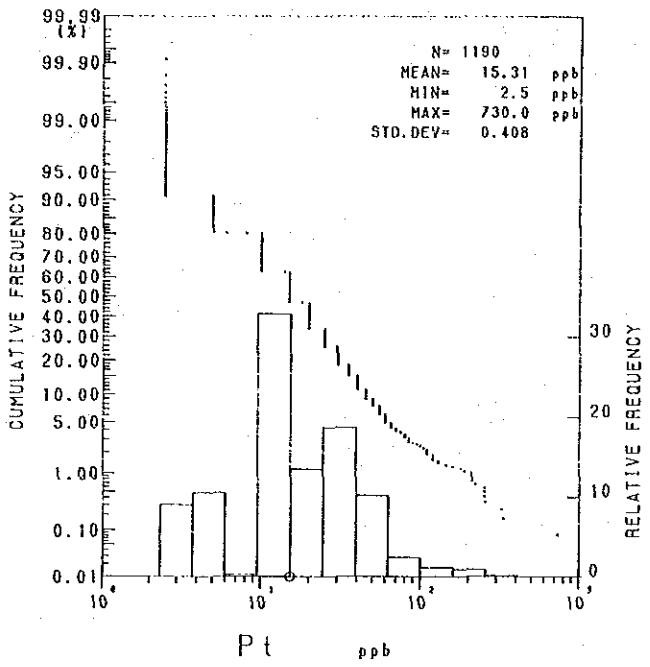
Appendix 10 Chemical analyses of geochemical soil samples in area A-1

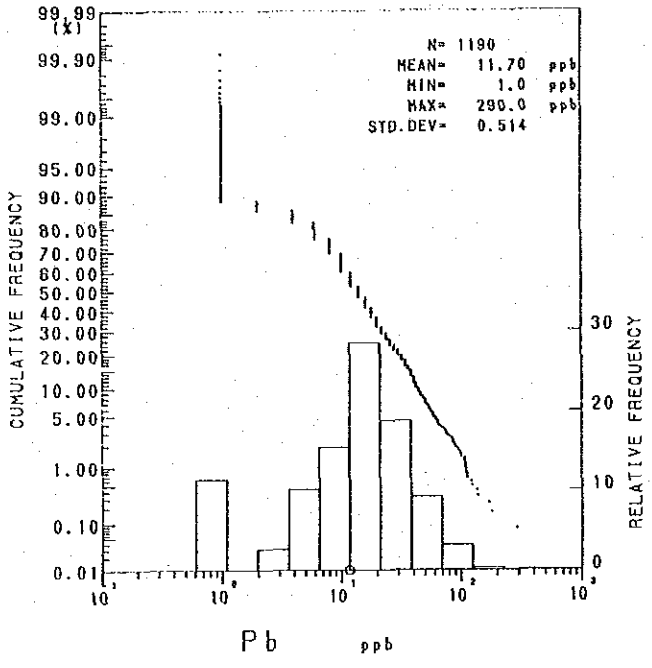
(20)

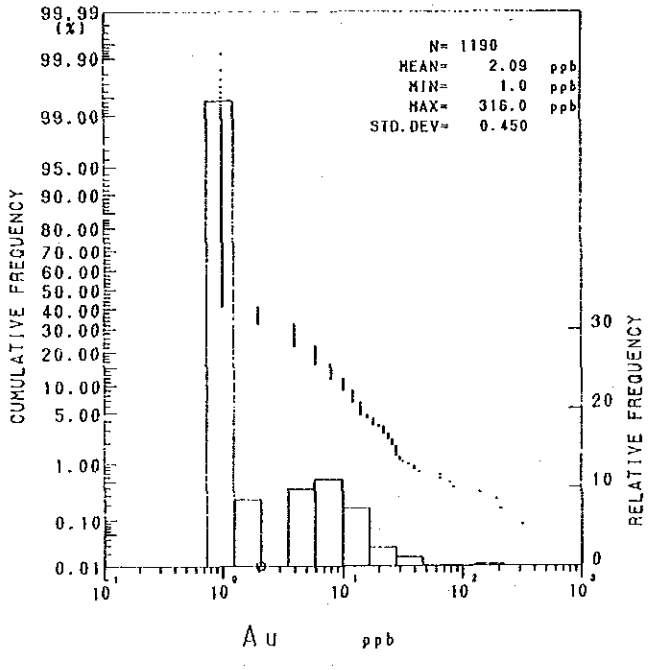
No.	Sample No.	Longitude	Latitude	Geology	Horizon	Depth cm	Color	Pt ppb	Pd ppb	Au ppb	Ni ppm	Cr ppm	Fe %	Co ppm
1331	F105R	118°37.54'	9°51.02'	H	B	30	RD	30	6	<2	5900	21000	28.3	910
1332	F106L	118°37.22'	9°51.36'	H	B	25	BR	50	20	4	11600	17000	36.0	920
1333	F106R	118°37.22'	9°51.37'	H	B	30	BR	50	10	2	11300	13000	35.5	950
1334	F107L	118°37.27'	9°51.37'	H	B	25	BR	40	8	<2	12200	21000	32.0	960
1335	F107R	118°37.27'	9°51.38'	H	B	20	BR	50	22	8	10100	14000	38.0	970
1336	F108L	118°37.33'	9°51.38'	H	B	25	BR	25	10	6	13600	16000	34.0	1330
1337	F108R	118°37.32'	9°51.39'	H	B	25	BR	30	8	<2	12800	19000	29.0	800
1338	F109L	118°37.38'	9°51.39'	H	B	25	BR	35	10	<2	13700	16000	36.5	1060
1339	F109R	118°37.37'	9°51.40'	H	B	25	BR	35	16	<2	13500	20000	35.0	950
1340	F110L	118°37.13'	9°51.32'	H	B	25	BR	35	16	<6	6200	24000	34.0	720
1341	F110R	118°37.14'	9°51.32'	H	B	25	BR	15	6	8	3700	14000	13.1	270
1342	F111L	118°37.15'	9°51.27'	H	B	25	BR	140	6	10	5600	21000	28.0	720
1343	F111R	118°37.16'	9°51.27'	H	B	25	BR	40	6	<2	6300	22000	26.9	780
1344	F112L	118°37.18'	9°51.22'	H	B	25	RD	30	8	<2	6200	24000	27.0	540
1345	F112R	118°37.19'	9°51.22'	H	B	25	RD	30	8	<2	7200	13000	19.8	470
1346	F113L	118°37.20'	9°51.17'	H	B	25	RD	40	10	2	6600	22000	30.7	660
1347	F113R	118°37.21'	9°51.17'	H	B	25	RD	15	2	<2	3800	11000	14.0	310
1348	F114L	118°37.22'	9°51.12'	H	B	25	RD	25	6	<2	6800	16000	23.1	520
1349	F114R	118°37.23'	9°51.13'	H	B	25	RD	15	2	<2	5900	15000	16.7	390
1350	F115L	118°37.25'	9°51.08'	H	B	25	BR	35	16	2	8500	18000	25.0	460
1351	F115R	118°37.26'	9°51.08'	H	B	25	BR	30	10	<2	6300	20000	25.5	580
1352	F116L	118°37.26'	9°51.03'	H	B	25	BR	35	10	6	6200	21000	26.0	610
1353	F116R	118°37.27'	9°51.03'	H	B	25	BR	30	12	<2	5400	13000	20.0	400
1354	F117L	118°37.28'	9°50.99'	H	B	25	BR	35	16	6	6400	19000	24.7	550
1355	F117R	118°37.29'	9°51.00'	H	B	25	BR	40	16	<2	7400	16000	30.6	560
1356	F118L	118°36.81'	9°51.81'	H	B	25	BR	5	2	<2	2800	22000	14.4	320
1357	F118R	118°36.82'	9°51.81'	H	B	25	BR	5	2	<2	4900	17000	16.8	390
1358	F119L	118°36.87'	9°51.79'	H	B	25	BR	5	14	<4	7000	28000	19.3	530
1359	F119R	118°36.87'	9°51.80'	H	B	25	BR	15	8	<2	9000	27000	28.5	880
1360	F120L	118°36.92'	9°51.77'	H	B	25	BR	10	2	<2	5800	43000	21.7	1330
1361	F120R	118°36.93'	9°51.77'	H	B	25	BR	15	8	<2	9700	16000	32.5	900
1362	F121L	118°36.96'	9°51.74'	H	B	25	BR	10	6	4	8000	27000	41.0	1130
1363	F121R	118°36.97'	9°51.75'	H	B	25	BR	15	8	4	8300	16000	28.4	690
1364	F122L	118°37.00'	9°51.71'	H	B	25	BR	28	20	<2	8000	20000	30.0	1070
1365	F122R	118°37.01'	9°51.72'	H	B	25	BR	25	18	<2	8900	24000	30.5	1150
1366	F123L	118°37.06'	9°51.69'	H	B	25	BR	20	18	<2	16200	14000	35.5	1000
1367	F123R	118°37.06'	9°51.70'	H	B	25	BR	25	16	<2	14400	21000	36.5	1150
1368	F124	118°37.10'	9°51.66'	H	B	25	BR	20	16	<2	17200	17000	39.0	890
1369	F125	118°37.14'	9°51.62'	H	B	25	BR	40	24	<2	9500	22000	37.5	940
1370	F126	118°37.19'	9°51.60'	H	B	25	BR	45	28	<2	10800	24000	31.5	870
1371	F127	118°37.23'	9°51.56'	H	B	25	BR	40	24	<2	5500	46000	27.5	1070
1372	F128	118°37.28'	9°51.52'	H	B	25	BR	35	28	6	8200	27000	30.5	610

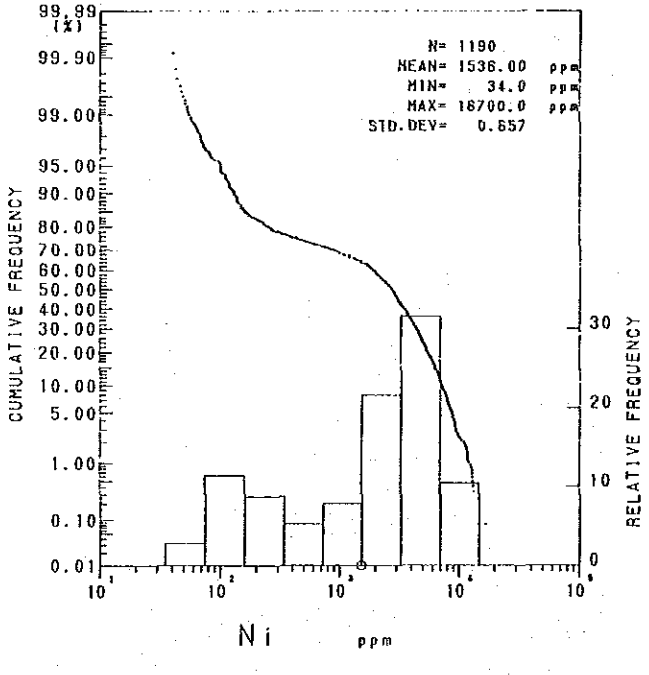
Geology : D;dunite, H;harzburgite, T;troctolite, S;serpentinite, G;gabbro, FG;fine grained gabbro, B;basalt

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

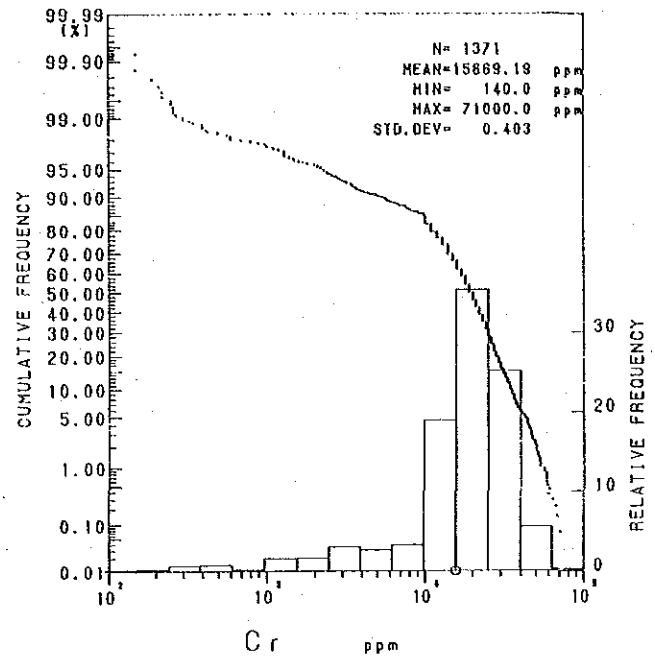


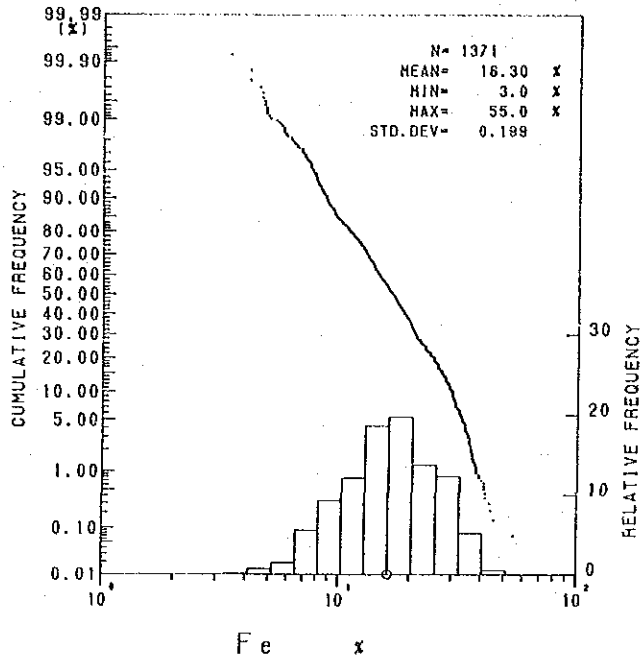


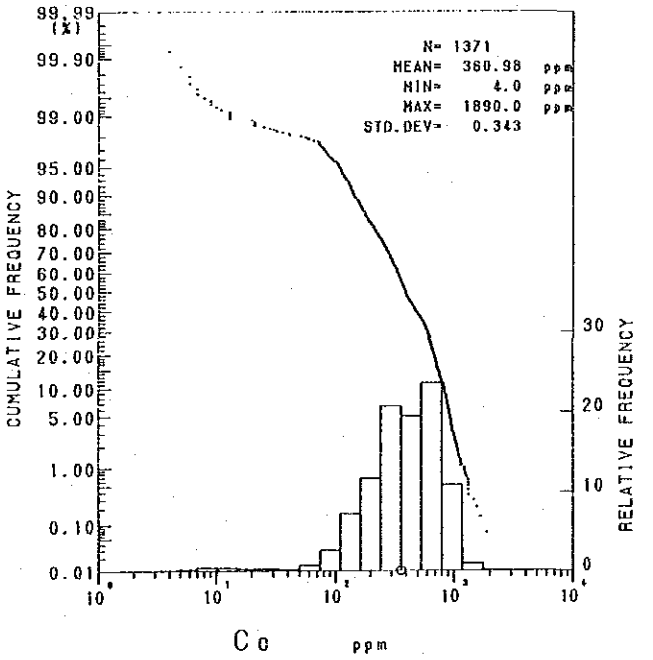




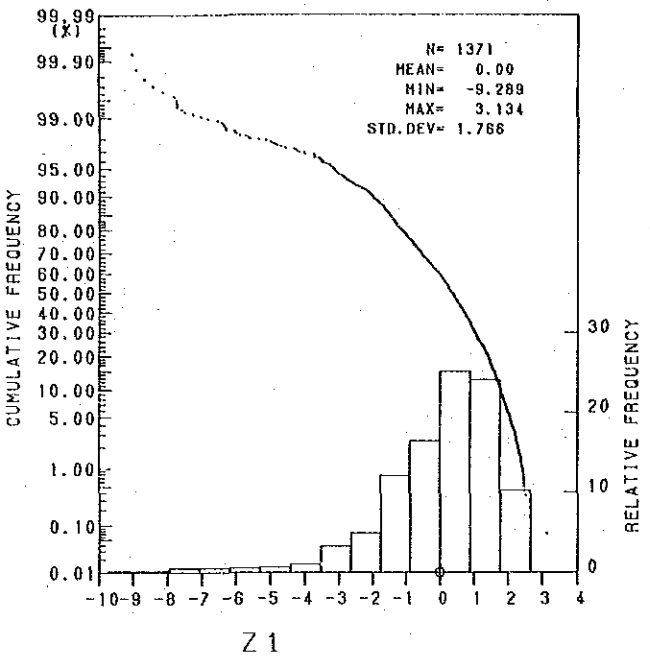
Appendix 11 Cumulative probability plots and histograms of soil samples in area A-1

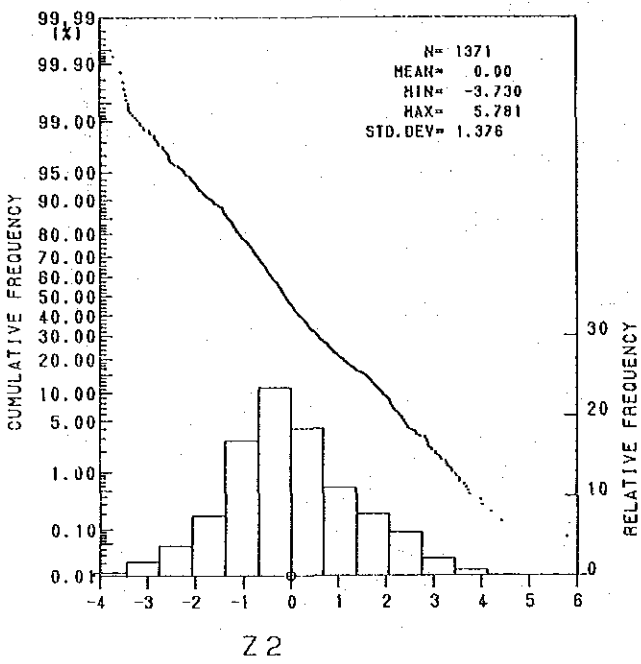


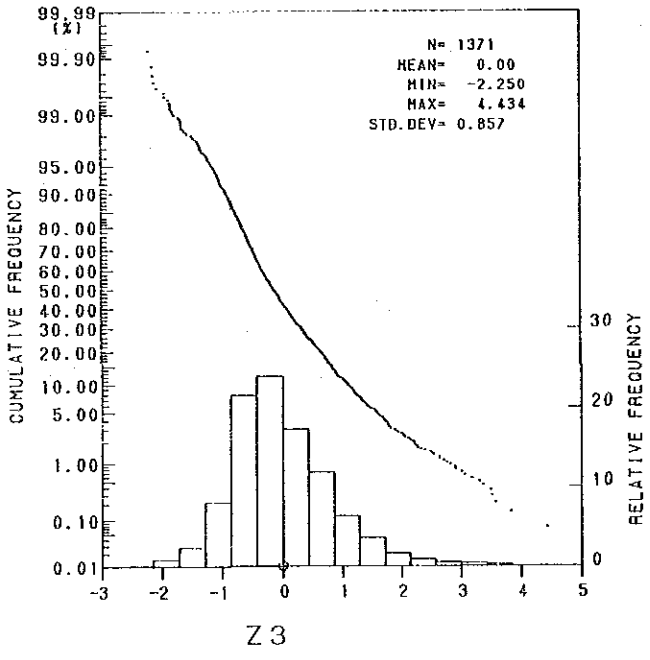




Appendix 11 Cumulative probability plots and histograms of soil samples in area A-1







Appendix 12 Cumulative probability plots and histograms of scores for principal components analysis of soil samples in area A-1

Appendix 13 Chemical analyses of geochemical rock samples in area A and A-1

Area A

No.	Sample No.	Rock type	Pt (ppb)	Pd (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
1	ABR002	dunite	5	14	<2	1160	2600	7.3	134
2	ABR003	harz.	<5	6	<2	160	190	3.5	109
3	ABR004	harz.	<5	4	<2	300	590	2.8	152
4	ABR005	harz.	<5	<2	<2	40	190	1.5	55
5	ABR006	dunite	<5	6	<2	1540	2400	6.8	133
6	ACR001	dunite	<5	<2	<2	1860	18000	4.6	90
7	ACR002	dunite	<5	4	<2	1440	54000	3.3	65
8	ACR004	f.gb.	<5	<2	<2	70	150	3.5	55
9	ACR005	dunite	<5	<2	<2	3300	14000	4.5	101
10	ACR006	dunite	<5	<2	<2	3000	2500	5.4	120
11	ACR007	dunite	<5	2	<2	2200	3200	5.3	114
12	ACR008	dunite	<5	<2	<2	1780	2300	4.5	91
13	ACR009	dunite	<5	<2	<2	1860	2300	4.8	99
14	ACR010	qz.schist	<5	<2	<2	50	<100	3.2	380
15	ACR011	dunite	<5	<2	<2	1310	3900	5.0	106
16	ACR012	basalt	<5	<2	<2	70	<100	5.7	48
17	ADR001	lherz.	<5	<2	<2	2110	3900	4.7	94
18	ADR002	harz.	<5	4	<2	1180	17000	3.9	81
19	ADR003	f.gb.	<5	4	<2	60	150	2.3	63
20	ADR004	harz.	<5	2	<2	1830	2300	4.7	98
21	ADR005	harz.	<5	6	<2	1670	1700	4.4	101
22	ADR006	f.gb.	<5	<2	<2				
23	ADR007	lherz.	<5	4	<2	1680	2000	4.5	106
24	ADR008	chromitite	<5	<2	<2	500	148000	0.49	125
25	ADR009	pxnite.	<5	2	<2	1750	2000	4.3	97
26	AER001	serp.	30	10	<2	980	2300	7.0	114
27	AER002	harz.	40	64	<2	190	470	2.3	58
28	AER005	lherz.	<5	2	<2	1910	2100	4.8	120
29	AFR001	dunite	<5	8	<2	1030	2800	4.5	95
30	AFR002	dunite	15	16	<2	1400	4800	4.6	97
31	AFR003	harz.	<5	2	<2	1600	2100	4.5	89
32	AFR004	harz.	<5	<2	<2	1650	1700	4.4	95
33	AFR005	dunite	<5	8	<2	1780	2100	4.7	94
34	AFR006	lherz.	<5	<2	<2	2600	2800	4.2	101
35	AFR007	harz.	<5	4	<2	1870	2000	4.9	102
36	AFR008	harz.	<5	2	<2	1800	2100	4.8	98
37	AFR009	harz.	<5	14	<2	1790	1500	4.5	110
38	AFR010	harz.	<5	<2	<2	1840	1900	4.7	108
39	AFR011	harz.	<5	<2	<2	1790	1600	4.5	96
40	AFR012	harz.	<5	4	<2	1770	1700	4.6	93

Area A-1

No.	Sample No.	Rock type	Pt (ppb)	Pd (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
1	RA-01	dunite	5	2	<2	1500	3300	4.2	59
2	RA-02	harz.	5	<2	<2	1800	2800	4.4	98
3	RA-04	harz.	5	<2	<2	2600	3900	5.1	88
4	RA-06	harz.	20	40	<2	73	800	1.5	29
5	RA-07	harz.	5	4	<2	2910	2700	4.7	89
6	RA-08	dunite	10	<2	<2	2510	3600	4.0	76
7	RA-09	gr.po.	5	<2	<2	16	<100	0.7	61
8	RA-11	harz.	5	4	<2	2470	1800	4.2	67
9	RB-01	dunite	<5	2	<2	2560	2000	4.9	88
10	RB-03	dunite	<5	<2	<2	2640	2500	4.5	113
11	RB-04	dunite	<5	2	<2	2740	13000	3.7	72
12	RB-05	gd.po.	<5	<2	<2	3	<100	0.26	14
13	RB-06	lherz.	5	8	<2	2250	1900	4.3	86
14	RB-07	dunite	<5	<2	<2	1090	5100	5.6	81
15	RB-11	dunite	5	2	<2	1140	1200	5.2	130
16	RB-13	dunite	<5	<2	<2	2750	2000	3.8	59
17	RB-17	dunite	<5	<2	<2	3430	40000	1.8	47
18	RB-18	harz.	<5	<2	<2	2260	1400	4.2	92
19	RB-19	harz.	<5	<2	<2	2460	1300	4.3	70
20	RB-24	harz.	5	<2	<2	2460	1800	4.2	90
21	RB-25	harz.	<5	4	2	2270	1100	3.9	75
22	RB-27	dunite	<5	<2	<2	2830	2000	3.7	66

Appendix 13 Chemical analyses of geochemical rock samples in area A and A-1

23	RB-30	dunite	<5	<2	6	2570	22000	3.7	39
24	RB-32	f.gb.	<5	<2	<2	2620	1700	4.2	54
25	RB-34	harz.	<5	<2	<2	2480	1500	4.0	85
26	RB-48	pegmatite	<5	<2	<2	4	<100	0.31	32
27	RB-49	hb.gb.	<5	<2	<2	8	<100	2.9	23
28	RB-53	gabbro	<5	<2	2	5	<100	0.32	38
29	RC-01	harz.	<5	<2	2	2590	1000	4.7	97
30	RC-04	harz.	15	8	16	2240	1000	5.4	105
31	RC-06	harz.	<5	<2	4	2270	800	4.6	114
32	RC-07	harz.	<5	<2	<2	2710	600	4.2	79
33	RC-08	harz.	<5	<2	<2	2250	2300	4.1	117
34	RC-09	dunite	<5	<2	<2	2470	1300	4.4	87
35	RC-10	dunite	<5	<2	<2	2420	1800	4.5	97
36	RC-11	dunite	<5	<2	<2	3270	4500	5.4	129
37	RC-13	lherz.	5	<2	<2	2430	1800	4.2	78
38	RC-18	dunite	5	4	<2	2650	2600	4.8	85
39	RC-19	dunite	15	4	<2	2380	1900	4.7	83
40	RC-22	dunite	10	4	<2	2160	1900	5.0	115
41	RC-23	webst.	45	36	<2	160	<100	1.4	46
42	RC-28	dunite	10	<2	<2	2600	1100	4.2	113
43	RC-31	dunite	35	34	<2	1730	3200	5.7	137
44	RD-02	harz.	5	4	<2	2460	1100	4.2	99
45	RD-04	lherz.	5	<2	<2	2480	1500	4.3	70
46	RD-05	dunite	<5	<2	2	2440	1200	4.4	92
47	RD-06	dunite	<5	6	<2	1960	700	4.5	67
48	RD-07	dunite	<5	<2	<2	3370	2300	4.7	99
49	RD-13	harz.	<5	<2	6	2550	1200	4.6	88
50	RD-14	dunite	75	82	6	2650	2500	5.5	97
51	RD-15	harz.	10	4	<2	2180	1200	3.9	65
52	RD-17	dunite	<5	<2	<2	2770	2200	4.5	102
53	RD-18	harz.	<5	<2	<2	2580	1700	4.3	118
54	RD-19	dunite	<5	<2	<2	2640	1400	4.1	76
55	RD-20	dunite	10	<2	<2	2760	1600	4.1	87
56	RD-21	dunite	<5	2	<2	2810	2100	4.5	97
57	RE-03	dunite	10	6	<2	1970	1900	4.4	106
58	RE-04	dunite	25	14	<2	1550	900	4.0	83
59	RE-06	harz.	15	4	<2	2550	1300	4.3	82
60	RE-07	gd.po.	10	<2	4	60	<100	0.75	58
61	RE-13	dunite	5	<2	4	2540	600	4.4	76
62	RE-14	lherz.	10	<2	<2	2260	200	4.1	94
63	RE-15	hb.schist	5	2	<2	130	200	0.75	2
64	RE-17	harz.	15	<2	<2	2350	2400	4.1	87
65	RE-18	serp.	5	<2	<2	1800	2000	3.4	56
66	RE-19	lherz.	15	2	<2	2420	1900	3.8	50
67	RE-21	dunite	<5	2	<2	2870	1700	4.7	63
68	RF-01	harz.	60	58	42	67	<100	1.6	281
69	RF-04	harz.	80	120	2	140	1500	1.2	35
70	RF-06	dunite	<5	6	2	1490	3100	7.0	74
71	RF-09	dunite	20	18	<2	820	500	8.2	104
72	RF-11	dunite	<5	<2	<2	1670	3700	6.9	72
73	RF-16	dunite	<5	<2	<2	1610	4300	6.9	95
74	RF-17	dunite	<5	<2	<2	1840	3700	6.7	96
75	RF-22	dunite	<5	<2	<2	1770	3200	6.5	90
76	RF-24	harz.	30	54	<2	510	14000	3.3	38
77	RF-27	dunite	<5	<2	<2	3380	3200	3.4	68
78	RF-28	dunite	<5	4	4	2490	2200	4.1	83
79	RF-30	dunite	5	6	<2	3000	2400	3.5	107
80	RF-31	dunite	10	<2	<2	2520	2100	4.3	78
81	RF-32	dunite	<5	<2	<2	2640	2200	4.1	79
82	RF-35	dunite	<5	<2	<2	2880	2300	4.6	86
83	RF-36	dunite	10	10	<2	2250	1900	3.9	62
84	RF-37	harz.	<5	<2	<2	2850	1900	3.5	79

Appendix 14 Microscopic observation of rock thin section in area B (1)

			Primary mineral									Secondary mineral												
No	Sample No.	Rock name	Q	Pl	Hb	Au	Hy	Ol	Cr	Cs	G	Q	Se	Tr	Ch	Sr	Ta	Ba	Ca	Ap	Sp	Ze	Mt	Op
1	BGR-002	dolerite		◎	△	◎	○					·			△					·			·	○
2	BGR-004	lherzolite				○	○	◎	△							◎		·					△	
3	BGR-006	lherzolite				○	○	◎	△							◎		·						
4	BGR-017	basalt		○		○	△				◎					◎								△
5	BGR-018	dunite				△		◎	△							◎			·					
6	BGR-020	dunite						◎	△							◎			·				·	
7	BHR-003	lherzolite				△	○	◎	△							◎		△						
8	BHR-018	harzburgite					○	◎	△							◎		○					△	△
9	BHR-020	gabbro-norite		◎		◎	○	△						○	△					·				△
10	BHR-022	lherzolite				○	○	◎	△							◎		○					·	
11	BJR-001	lherzolite				○	◎	◎	△							◎							·	
12	BJR-010	lherzolite				○	○	◎	△							◎								
13	BJR-014	dunite						◎	△							◎							·	
14	BJR-015	dunite						◎	△							◎							·	
15	BJR-022	gabbro-norite		◎		◎	○														·			△
16	BJR-026	olivine gabbro		◎		◎		○												·				△
17	BJR-031	doleritic lapilli tuff		○		◎	△	◎			○	△			○				◎			◎		△
18	BJR-039	dunite						◎	△							◎							·	
19	BKR-006	serpentinite (harzburgite)			△				△						△	◎		◎					·	
20	BKR-020	basalt		○		○	△				○													△

Abbreviation Q;quartz, Pl;plagioclase, Hb;hornblende, Au;augite, Hy;hypersthene, Ol;olivine, Cr;chromite, Cs;chromespinel, G;glass, 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 14 Microscopic observation of rock thin section in area B (2)

			Primary mineral									Secondary mineral												
No	Sample No.	Rock name	Q	Pl	Hb	Au	Hy	Ol	Cr	Cs	G	Q	Se	Tr	Ch	Sr	Ta	Ba	Ca	Ap	Sp	Ze	Mt	Op
21	BLR-001	harzburgite				·	○	◎	○							◎							·	
22	BLR-002	troctolite		◎		△		◎	·							◎								·
23	BLR-005	dunite				·		◎	△							◎							·	
24	BLR-027	dolerite		◎		○	△				△	○										△		△
25	BLR-029	olivine-bearing basalt		◎		○	○	△				○			△					·				△
26	BMR-011	dolerite		◎	△	◎	△					·								·				○
27	BMR-013	dolerite		◎	△	◎	△					△			△				·	·				△
28	BNR-008	serpentinite (harzburgite)							△		◎					◎		◎					△	
29	BNR-013	basalt		◎		○	△																	△
30	BNR-015	basalt		◎		◎	△				○	△			○					·				
31	BNR-016	basalt		○		○	△					△			△									△
32	BPR-005	websterite				◎	◎								△								·	
33	BPR-008	dunite						◎	△							◎							·	
34	BPR-015	troctolite		◎		△	△	○					△			○							·	
35	BPR-017	harzburgite				△	○	◎	·							◎		○	·				△	
36	BPR-020	harzburgite				△	○	◎	·							◎		○					·	
37	BPR-024	olivine websterite				◎	○	○								△							△	
38	BPR-026	olivine websterite		△		◎	○	○							△								·	
39	BPR-032	aphyric basalt		○		○	○					△			△					·				△
40	BPR-039	basalt		◎		○	△					△			○					·				○

Abbreviation Q;quartz, Pl;plagioclase, Hb;hornblende, Au;augite, Hy;hypersthene, Ol;olivine, Cr;chromite, Cs;chromespinel, G;glass, 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 14 Microscopic observation of rock thin section in area B (3)

			Primary mineral									Secondary mineral												
No	Sample No.	Rock name	Q	Pl	Hb	Au	Hy	Ol	Cr	Cs	G	Q	Se	Tr	Ch	Sr	Ta	Ba	Ca	Ap	Sp	Ze	Mt	Op
41	BRR-010	aphyric basalt		◎		○	△				○	△			○					·				○
42	BSR-004	dolerite		◎	△	○	△								△									△
43	BSR-009	dolerite		◎		◎	○								△									△
44	BTR-007	basalt		◎		○	△	△												·				△
45	BVR-007	harzburgite					◎	◎	△							◎		○					·	
46	BVR-013	basalt		◎		○	△								○									△
47	BVR-017	troctolite		◎		·		◎		△						◎								
48	BVR-019	hornblende websterite			△	◎	◎	△							◎									△
49	BCR-002	olivine gabbro		◎		○		◎					△			○								·
50	BFR-004	gabbro		◎		◎	△								·									·

Abbreviation Q;quartz, Pl;plagioclase, Hb;hornblende, Au;augite, Hy;hypersthene, Ol;olivine, Cr;chromite, Cs;chromespinel, G;glass, 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 15 Microscopic observation of rock thin section in area B-1 (1)

			Primary mineral								Secondary mineral										
No	Sample No.	Rock name	Q	Pl	Hb	Cpx	Opx	Ol	Sr	Cr	Se	Ch	Sr	Ba	Ca	Ap	Cr	Mt	Il	He	Op
1	RH-01	dunite						○	◎				◎		△		△	△			
2	RH-04	dunite						○	◎				◎				○				
3	RH-05	harzburgite							◎				◎	○			·	△			△
4	RJ-05	dunite						○	◎				◎				△	△			
5	RJ-06	dunite		○		○		○	◎				◎		△		△	△			
6	RJ-07	dunite						○	◎				◎		·		△	·			
7	RJ-08	dunite						○	◎				◎		△		△	△			
8	RJ-09	dunite		○				○	◎	○			◎					△			
9	RJ-14	dunite				△		◎	◎				◎		·		△	·			
10	RK-11	gabbro-norite		◎		○	○					△						△			
11	RK-15	olivine-gabbro		◎		○	○	○										△	·		·
12	RK-20	dunite						○	◎				◎				△	·			△
13	RK-22	serpentinite (dunite)							◎				◎				△	·			△
14	RK-23	harzburgite				△	○	○	◎				◎	△			△	·			
15	RK-27	amphibolite	△	◎	◎													△	△		
16	RK-28	lherzolite				△	○	○	◎				◎	△	·		·	·			
17	RK-29	lherzolite				○	○	○	◎				◎	○	·		△	·			
18	RK-30	lherzolite				○	◎	◎	○				○	△	·		△	△			△
19	RK-31	serpentinite (dunite)						△	◎				◎		·		△	·			△
20	RK-32	dunite						○	◎				◎		·		△	·			

Abbreviation Q;quartz, Pl;plagioclase, Hb;hornblende, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Sr;serpentine, Cr;chromite, Se;sericite, Ch;chlorite, Ba;bastite, Ca;carbonate mineral, Ap;apatite, Mt;magnetite, Il;ilmenite, He;hematite, Op;opaque mineral

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

Appendix 15 Microscopic observation of rock thin section in area B-1 (2)

			Primary minerals								Secondary mineral										
No	Sample No.	Rock name	Q	Pl	Hb	Cpx	Opx	Ol	Sr	Cr	Se	Ch	Sr	Ba	Ca	Ap	Cr	Mt	Il	He	Op
21	RK-33	lherzolite				○	○	○	◎				◎	△	○		△	△			
22	RK-37	dunite					△	△	◎				◎	△	·		△	·			
23	RK-38	harzburgite				△	○	△	◎				◎	○			·	·			
24	RK-39	lherzolite				△	○	△	◎				◎	○	·		△	·			
25	RK-45	dolerite		◎		○	△									·					△
26	RK-47	websterite				○	◎								△			△			
27	RK-56	serpentinite (dunite)							◎				◎				△			△	△
28	RK-59	gabbro-norite		◎		○	◎											·			
29	RK-60	serpentinite (dunite)							◎	△			◎								△
30	RK-61	serpentinite (dunite)							◎				◎				△				△
31	RK-62	serpentinite (dunite)							◎				◎				△				△
32	RK-63	serpentinite (dunite)						○	◎				◎				△	·			△
33	RK-65	serpentinite (dunite)						○	◎				◎				△				○
34	RK-66	serpentinite (dunite)						○	◎				◎				△	·			△
35	RL-06	serpentinite (dunite)							◎				◎				○	△			△
36	RL-07	lherzolite				◎	○	◎	◎	△			◎								
37	RL-10	harzburgite					○	○	◎				◎	○	·		△	·			△
38	RL-11	harzburgite					◎	○	◎				◎	○			△	·			·
39	RL-12	chromitite							◎	◎											○
40	RL-13	harzburgite					○	○	◎				◎	○	·		△	△			·

Abbreviation Q;quartz, Pl;plagioclase, Hb;hornblende, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Sr;serpentine, Cr;chromite, Se;sericite, Ch;chlorite, Ba;bastite, Ca;carbonate mineral, Ap;apatite, Mt;magnetite, Il;ilmenite, He;hematite, Op;opaque mineral

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

Appendix 15 Microscopic observation of rock thin section in area B-1 (3)

			Primary mineral								Secondary mineral										
No	Sample No.	Rock name	Q	Pl	Hb	Cpx	Opx	Ol	Sr	Cr	Se	Ch	Sr	Ba	Ca	Ap	Cr	Mt	Il	He	Op
41	RL-14	harzburgite					△	◎		△			◎	△			△	·			△
42	RL-16	harzburgite				△	◎	◎		△			◎	○			△	△			
43	RL-17	harzburgite					◎	◎		△			◎	◎			△				△
44	RL-18	dunite					△	◎		△			◎				△	△			
45	RL-19	lherzolite				○	○	○		△		◎	◎	○			△	△			△
46	RL-20	dunite						○		△			◎		△		△	△			
47	RL-23	troctolite		◎		△		○		△	◎		◎				△	·			
48	RL-25	dunite						△		△			◎				△				△
49	RL-27	dunite						○		○			◎				○	·			△
50	RL-28	dunite						△		△			◎				△				○
51	RL-29	lherzolite				△	◎	○		△			◎	○			△				△
52	RL-30	serpentinite (dunite)								○			◎				○				△

Abbreviation Q;quartz, Pl;plagioclase, Hb;hornblende, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Sr;serpentine, Cr;chromite, Se;sericite, Ch;chlorite, Ba;bastite, Ca;carbonate mineral, Ap;apatite, Mt;magnetite, Il;ilmenite, He;hematite, Op;opaque mineral

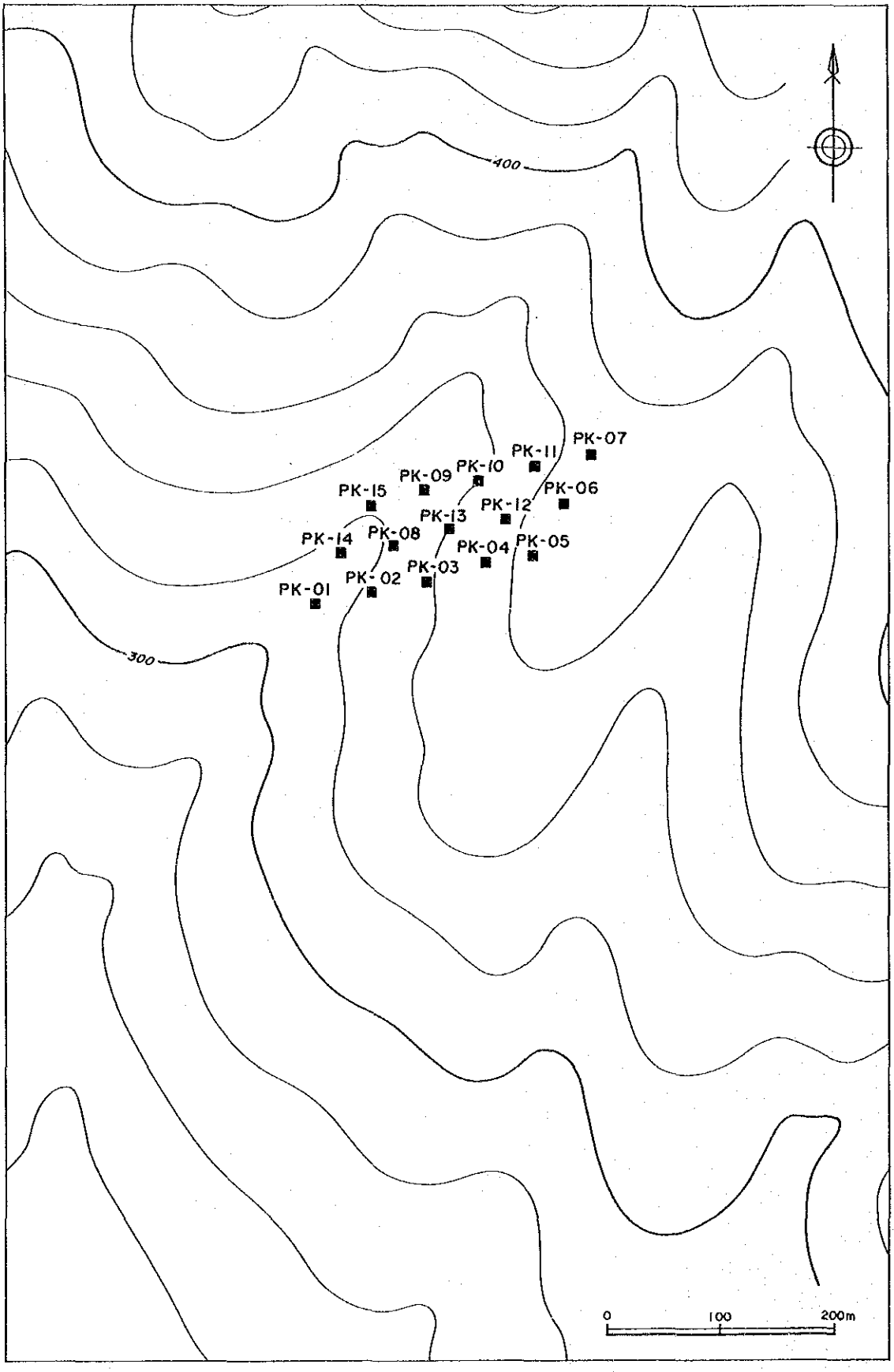
Symbols ◎;abundant, ○;common, △;rare, · ;trace

Appendix 16 Microscopic observation of polished thin section in area B and B-1

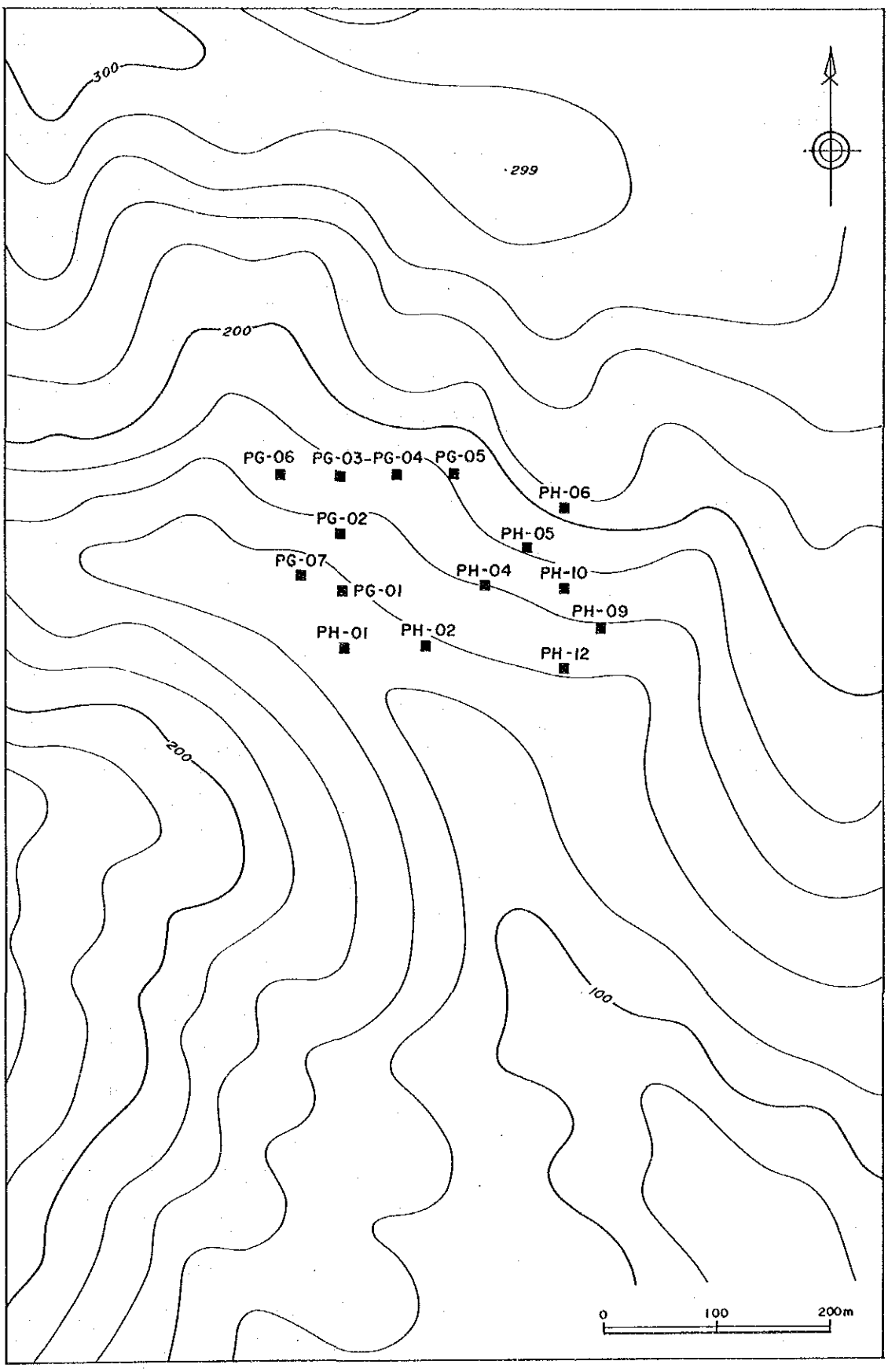
Area	No	Sample No.	Rock name	EPMA	Primary mineral						Secondary mineral								
					Pl	Cpx	Opx	Ol	Sr	Cr	Ch	Sr	Ta	Ac	Ca	Cs	Mt	He	Op
B	1	BHR-008	dunite					◎	◎	△		◎					△		△
	2	BHR-010	chromitite					△	◎	◎		◎							
	3	BJR-013	chromitite	○					◎	◎		◎			·		·		△
	4	BMR-006	chromitite	○					△	◎									
	5	BMR-014	chromitite							◎									
	6	BMR-015	chromitite	○					○	◎									△
	7	BPR-009	chromititee	○					△	◎									△
B-1	1	RH-02	dunite	○		△		◎	◎	△		◎			·		·		
	2	RJ-10	dunite	○		△		○	◎	△		◎			·		·		
	3	RJ-11	dunite	○			△	○	◎	○		◎							△
	4	RJ-12	chromitite	○				△	◎	◎		◎					·		△
	5	RJ-13	dunite	○		△		○	◎	△		◎			·		·		
	6	RJ-15	chromitite	○				△	◎	◎		◎							△
	7	RJ-16	dunite	○				○	◎	△		◎			·		·		
	8	RK-49	chromitite	○				·	◎	◎					◎				
	9	RK-50	chromspinel-picotite	○	○			·	○	◎		○				◎		△	
	10	RL-03	harzburgite				◎	△	◎	△		◎					△		△
	11	RL-04	harzburgite	○			○	△	◎	△		◎				◎	△		△
	12	RL-05	dunite					△	◎	△		◎					△		

Abbreviation Pl;plagioclase, Cpx;clinopyroxene, Opx;orthopyroxene, Ol;olivine, Sr;serpentine, Cr;chromite, Ch;chlorite, Ta;talc, Ac;actinolite, Ca;carbonate mineral, Cs;chromespinel, Mt;magnetite, He;hematite, Op;opaque mineral

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



Appendix 17 Location map of test pits PK-01 to PK-15



Appendix 18 Location map of test pits PG and PH

Appendix 19 Chemical analyses of test pit samples in area B-1

Area B-1

No.	Pit No. - Sample No.	depth	Pd (ppb)	Pt (ppb)	Au (ppb)	Ni (ppm)	Cr (ppm)	Fe (%)	Co (ppm)
1	PG01-1	0.0 - 0.2	42	70	44	1300	3100	6.4	56
2	PG01-2	0.2 - 0.5	70	35	38	640	2200	4.5	134
3	PG01-3	0.5 - 1.0	84	40	30	580	2400	4.0	56
4	PG01-4	1.0 - 1.5	92	35	32	450	2000	3.8	57
5	PG01-5	1.5 - 2.0	94	35	58	320	1500	2.8	57
6	PG02-1	0.0 - 0.2	30	25	34	1400	10000	5.2	134
7	PG02-2	0.2 - 0.5	26	15	32	4300	12000	10.5	320
8	PG02-3	0.5 - 1.0	32	30	18	2800	10000	7.5	230
9	PG02-4	1.0 - 1.5	56	15	40	1700	2300	4.1	120
10	PG02-5	1.5 - 2.0	26	10	30	3600	9000	14.2	190
11	PG02-6	2.0 - 2.5	24	10	44	5000	12000	16.5	120
12	PG03-1	0.0 - 0.2	12	<5	34	4600	14000	11.3	190
13	PG03-2	0.2 - 0.5	26	10	72	2500	13000	9.3	120
14	PG03-3	0.5 - 1.0	16	<5	46	5000	6700	11.5	230
15	PG03-4	1.0 - 1.5	10	<5	12	6000	7600	11.0	170
16	PG03-5	1.5 - 2.0	12	<5	34	5900	15000	11.7	150
17	PG03-6	2.0 - 2.5	8	10	32	6700	7000	16.1	370
18	PG03-7	2.5 - 3.0	14	10	50	7300	5700	14.3	300
19	PG04-1	0.0 - 0.2	42	20	62	670	7000	4.2	150
20	PG04-2	0.2 - 0.5	66	25	56	740	4200	4.7	103
21	PG04-3	0.5 - 1.0	92	35	64	480	1700	4.7	69
22	PG04-4	1.0 - 1.5	94	30	54	370	1800	4.0	30
23	PG04-5	1.5 - 2.0	86	40	80	650	3000	4.3	43
24	PG05-1	0.0 - 0.2	42	25	40	680	5800	5.1	91
25	PG05-2	0.2 - 0.5	60	30	14	800	3800	5.8	108
26	PG05-3	0.5 - 1.0	78	30	100	1130	2900	6.2	121
27	PG05-4	1.0 - 1.5	56	20	20	1310	3200	6.1	99
28	PG05-5	1.5 - 2.0	20	<5	10	4100	3300	10.1	241
29	PG06-1	0.0 - 0.2	16	15	6	3800	26000	12.7	273
30	PG06-2	0.2 - 0.5	8	10	10	5900	10000	11.3	192
31	PG06-3	0.5 - 1.0	6	10	20	5600	3600	10.7	233
32	PG06-4	1.0 - 1.5	14	15	58	4900	17000	12.3	299
33	PG06-5	1.5 - 2.0	14	<5	30	5100	10000	10.6	317
34	PG06-6	2.0 - 2.5	12	10	66	6300	5000	12.7	257
35	PG07-1	0.0 - 0.2	8	15	40	3000	27000	9.6	219
36	PG07-2	0.2 - 0.5	12	10	12	3800	24000	12.6	265
37	PG07-3	0.5 - 1.0	16	10	20	4700	17000	12.3	372
38	PG07-4	1.0 - 1.5	12	10	6	4500	18000	13.0	296
39	PG07-5	1.5 - 2.0	12	10	50	5100	15000	13.0	364
40	PG07-6	2.0 - 2.5	10	15	26	6200	13000	13.1	317
41	PG07-7	2.5 - 3.0	16	10	40	4900	15000	12.2	269
42	PG07-8	3.0 - 3.3	12	10	40	4400	18000	11.1	242
43	PH01-1	0.0 - 0.1	42	25	20	470	4000	4.4	88
44	PH01-2	0.1 - 0.5	72	40	56	720	3100	5.3	86
45	PH01-3	0.5 - 1.0	90	35	86	810	2800	4.9	90
46	PH01-4	1.0 - 1.5	76	30	120	750	2500	4.8	68
47	PH01-5	1.5 - 2.0	88	40	78	620	1700	3.7	59
48	PH02-1	0.0 - 0.1	34	25	66	630	4700	5.0	90
49	PH02-2	0.1 - 0.5	20	15	96	3160	3400	9.8	225
50	PH02-3	0.5 - 1.0	74	30	84	810	3200	5.0	88
51	PH02-4	1.0 - 1.5	76	30	56	790	2600	4.7	53
52	PH02-5	1.5 - 2.0	86	35	34	900	2200	4.4	72
53	PH04-1	0.0 - 0.1	8	10	34	2240	23000	14.6	549
54	PH04-2	0.1 - 0.5	20	15	36	3260	10000	12.2	618
55	PH04-3	0.5 - 1.0	24	25	180	830	5300	4.8	75
56	PH04-4	1.0 - 1.5	18	20	44	1190	3000	3.0	28
57	PH04-5	1.5 - 2.0	22	15	32	1140	1800	2.7	35
58	PH04-6	2.0 - 2.3	26	15	22	1060	2500	3.2	36
59	PH05-1	0.0 - 0.1	12	10	38	2230	64000	15.0	568
60	PH05-2	0.1 - 0.5	16	10	100	2960	56000	18.4	497
61	PH05-3	0.5 - 1.0	14	<5	44	3900	23000	16.2	302
62	PH05-4	1.0 - 1.5	16	5	34	4170	10000	19.5	267
63	PH05-5	1.5 - 2.0	14	<5	14	3980	10000	18.8	297
64	PH05-6	2.0 - 2.5	12	10	40	4430	7500	12.9	222
65	PH05-7	2.5 - 3.0	10	<5	14	3310	4300	10.5	201
66	PH06-1	0.0 - 0.1	14	10	14	2700	34000	12.5	480
67	PH06-2	0.1 - 0.5	18	5	70	3500	6200	10.0	172
68	PH06-3	0.5 - 1.0	14	<5	220	3100	2700	10.4	206

Appendix 19 Chemical analyses of test pit samples in area B-1

69	PH06-4	1.0 - 1.5	18	<5	26	2600	3100	7.4	266
70	PH06-5	1.5 - 2.0	18	5	110	1930	1800	5.7	227
71	PH06-6	2.0 - 2.5	16	5	40	3100	3400	7.4	276
72	PH09-1	0.0 - 0.1	10	5	48	320	1200	2.4	70
73	PH09-2	0.1 - 0.5	14	10	56	1510	1500	5.0	119
74	PH09-3	0.5 - 1.0	12	10	50	350	700	2.3	58
75	PH09-4	1.0 - 1.5	10	5	16	380	600	2.2	56
76	PH09-5	1.5 - 2.0	10	15	44	340	600	1.9	46
77	PH09-6	2.0 - 2.5	8	5	12	340	600	1.8	44
78	PH10-1	0.0 - 0.1	12	20	24	2900	43000	15.3	610
79	PH10-2	0.1 - 0.5	18	55	2	3200	40000	15.6	500
80	PH10-3	0.5 - 1.0	12	10	6	6000	11000	17.1	364
81	PH10-4	1.0 - 1.5	8	<5	4	5700	2000	11.3	325
82	PH10-5	1.5 - 2.0	8	<5	14	2900	1900	7.7	230
83	PH12-1	0.0 - 0.1	12	10	18	270	1200	2.2	71
84	PH12-2	0.1 - 0.5	10	<5	58	330	900	1.8	35
85	PH12-3	0.5 - 1.0	8	<5	18	380	1100	2.5	37
86	PH12-4	1.0 - 1.5	10	15	56	380	1200	2.3	45
87	PH12-5	1.5 - 2.0	8	<5	46	380	1300	2.4	44
88	PK01-1	0.0 - 0.1	26	20	26	6100	26000	45.0	530
89	PK01-2	0.1 - 0.5	26	20	14	8200	25000	13.0	630
90	PK01-3	0.5 - 1.0	22	15	24	6100	25000	45.0	600
91	PK01-4	1.0 - 1.5	30	20	150	6400	20000	41.0	740
92	PK01-5	1.5 - 2.0	26	15	360	7100	20000	40.0	590
93	PK01-6	2.0 - 2.5	22	20	24	10200	21000	35.0	620
94	PK02-1	0.0 - 0.1	18	20	12	9100	49000	40.0	670
95	PK02-2	0.1 - 0.5	10	25	100	10800	33000	46.0	760
96	PK02-3	0.5 - 1.0	14	15	2	12800	34000	45.0	780
97	PK02-4	1.0 - 1.5	30	15	240	13800	28000	42.0	710
98	PK02-5	1.5 - 2.0	16	20	4	14200	24000	42.0	730
99	PK03-1	0.0 - 0.1	20	30	240	12400	35000	46.0	890
100	PK03-2	0.1 - 0.5	20	20	64	13000	37000	45.0	950
101	PK03-3	0.5 - 1.0	22	30	320	13400	29000	53.0	1100
102	PK03-4	1.0 - 1.5	20	15	50	7600	28000	33.0	530
103	PK03-5	1.5 - 2.0	28	30	430	14500	32000	44.0	1140
104	PK03-6	2.0 - 2.5	4	5	16	10800	30000	40.0	890
105	PK04-1	0.0 - 0.1	10	15	6	14800	38000	41.0	840
106	PK04-2	0.1 - 0.5	14	<5	30	17000	38000	50.0	920
107	PK04-3	0.5 - 1.0	8	<10	600	25000	39000	45.0	880
108	PK04-4	1.0 - 1.5	4	<5	18	26000	35000	41.0	890
109	PK04-5	1.5 - 2.0	20	10	70	26000	29000	41.0	730
110	PK05-1	0.0 - 0.1	14	30	36	17000	44000	36.0	900
111	PK05-2	0.1 - 0.5	10	5	82	19000	39000	42.0	900
112	PK05-3	0.5 - 1.0	12	5	10	19500	46000	37.0	800
113	PK05-4	1.0 - 1.5	14	10	18	15900	27000	36.0	620
114	PK05-5	1.5 - 2.0	8	15	2	36000	18000	27.0	550
115	PK06-1	0.0 - 0.1	10	10	36	11400	53000	35.0	830
116	PK06-2	0.1 - 0.5	12	10	14	13000	31000	38.0	770
117	PK06-3	0.5 - 1.0	12	<5	4	13300	31000	40.0	740
118	PK06-4	1.0 - 1.5	14	10	4	15500	20000	32.0	610
119	PK06-5	1.5 - 2.0	10	10	20	14600	22000	34.0	780
120	PK07-1	0.0 - 0.1	12	<5	10	8300	38000	39.0	470
121	PK07-2	0.1 - 0.5	20	20	12	8300	30000	42.0	630
122	PK07-3	0.5 - 1.0	20	40	220	9300	31000	47.0	810
123	PK07-4	1.0 - 1.5	16	10	60	9500	28000	46.0	810
124	PK07-5	1.5 - 2.0	14	10	140	9800	29000	42.0	660
125	PK08-1	0.0 - 0.1	14	20	4	9800	30000	41.0	650
126	PK08-2	0.1 - 0.5	28	25	320	10400	32000	46.0	750
127	PK08-3	0.5 - 1.0	30	20	36	12200	28000	52.0	760
128	PK08-4	1.0 - 1.5	22	5	8	10000	27000	46.0	620
129	PK08-5	1.5 - 2.0	16	10	4	13000	20000	47.0	960
130	PK09-1	0.0 - 0.1	16	10	8	8100	60000	42.0	800
131	PK09-2	0.1 - 0.5	20	15	2	7500	43000	46.0	680
132	PK09-3	0.5 - 1.0	22	15	24	10300	41000	42.0	570
133	PK09-4	1.0 - 1.5	18	10	14	11200	27000	42.0	560
134	PK10-1	0.0 - 0.1	18	15	26	7300	72000	36.0	500
135	PK10-2	0.1 - 0.5	18	25	24	11800	35000	41.0	620
136	PK10-3	0.5 - 1.0	26	20	140	11600	33000	36.2	400
137	PK10-4	1.0 - 1.5	22	15	82	11400	40000	27.0	350
138	PK10-5	1.5 - 2.0	16	15	22	12000	71000	15.0	280
139	PK10-6	2.0 - 2.5	10	10	68	19000	7000	12.1	140
140	PK10-7	2.5 - 2.6	16	40	56	13000	76000	12.4	210
141	PK11-1	0.0 - 0.1	10	15	4	7600	56000	41.0	650

Appendix 19 Chemical analyses of test pit samples in area B-1

142	PK11-2	0.1 - 0.5	30	20	24	11300	33000	43.0	650
143	PK11-3	0.5 - 1.0	10	<5	8	10400	33000	41.0	570
144	PK12-1	0 - 0.1	8	15	58	11600	55000	34.0	730
145	PK12-2	0.1 - 0.5	10	5	32	14700	43000	37.0	580
146	PK12-3	0.5 - 1.0	20	<10	140	12100	20000	35.0	370
147	PK12-4	1.0 - 1.5	6	<5	24	14200	11000	16.0	150
148	PK12-5	1.5 - 2.0	8	<10	40	12000	12000	19.1	230
149	PK13-1	0.0 - 0.1	10	<5	38	14300	54000	40.0	770
150	PK13-2	0.1 - 0.5	22	10	62	17500	48000	48.0	810
151	PK13-3	0.5 - 1.0	28	<10	40	12000	22000	49.0	910
152	PK13-4	1.0 - 1.5	12	<10	48	28000	16000	25.0	430
153	PK13-5	1.5 - 2.0	8	<10	80	26000	21000	18.4	320
154	PK14-1	0.0 - 0.1	10	<5	6	10400	38000	45.0	680
155	PK14-2	0.1 - 0.5	22	<10	140	11300	31000	46.0	630
156	PK14-3	0.5 - 1.0	22	<10	140	13500	26000	48.0	710
157	PK14-4	1.0 - 1.5	36	60	120	16600	23000	41.0	680
158	PK14-5	1.5 - 2.0	20	<10	96	16300	17000	32.0	570
159	PK14-6	2.0 - 2.4	14	10	46	15000	15000	33.0	710
160	PK15-1	0.0 - 0.1	8	15	8	8000	61000	32.0	710
161	PK15-2	0.1 - 0.5	14	20	8	13600	51000	40.0	80
162	PK15-3	0.5 - 1.0	12	10	10	14800	35000	34.0	65
163	PK15-4	1.0 - 1.5	6	<5	12	16200	20000	26.0	410
164	PK15-5	1.5 - 2.0	10	20	8	14200	32000	35.0	710