• •

3)

 \bigcirc

)

Appendix 7 Geochemical Data of Soil Sample in I-4 Area

	SAMPLE DESCRIPTION	Ал рор	S∩ ppm	F	Ag ppm	As ppm	Ba ppm	Cu ppm	Fe %	Hg ppb	Mg %	Mn ppm	Pb ppm	Sb ppm	W	Zn
	IA\$-001	<5	<2	1200	<.2	142	40	15	1.56	430	0.07	175	32	8 B	рр т <10	ррт 114
2 3	IAS-002 IAS-003	<5 <5	<2 <2	880 820	<.2 <.2	166 70	40 40	9	1.21	40	0.03	275	24	6	<10	52
4	IAS-004	<5	<2	1080	<.2	300	70	11 25	1.24 2.28	20 80	0.08	175 685	20 130	2 8	<10 <10	56 166
5	IAS-005	<5	<2	1070	<.2	238	40	12	2.14	30	0.07	155	26	8	<10	102
6 7	IAS-006 IAS-007	<5 <5	<2 <2	1100 900	<.2 <.2	30 44	40 50	12 9	1.79 1.46	10 <10	0.1 0.07	70 160	18	<2	<10	104
8	IAS-008	<5	<2	1300	<.2	48	100	17	2.99	40	0.07	1055	26 70	<2 4	<10 <10	76 150
9	IAS-009	<5	<2	1030	<.2	22	50	14	1.88	10	0.1	240	24	8	10	104
10 11	IAS-010 IAS-011	<5 <5	<2 <2	1260 1460	<.2 <.2	34 74	70 110	24 20	2.31 3.42	10 40	0.12 0.16	185 1510	32 104	2 6	<10 10	224 224
12	IAS-012	<5	<2	1600	<.2	72	110	28	3.86	70	0.22	460	54	<2	10	230
13 14	IAS-013 IAS-014	<5 <5	<2 <2	1350 1260	<.2	46	120	17	3.27	70	0.12	965	76	<2	10	234
15	IAS-015	<5	<2	1200	<.2 <.2	144 212	90 100	18 20	3.24 4.05	40 40	0.17 0.15	975 690	78 78	6 6	50 30	188 164
16	IAS-016	<5	<2	1030	<.2	134	70	15	2.58	20	80,0	975	130	8	30	106
17 18	IAS-017 IAS-018	<5 <5	<2 <2	900 810	<.2 <.2	56 88	60 30	11 9	1.42 1.33	<10 20	0.06 0.07	270 70	28	2	10	50
19	IAS-019	<5	<2	1020	<.2	234	70	24	2.36	190	0.07	695	24 110	6 16	<10 20	48 140
20 21	IAS-020 IAS-021	<5 <5	<2 <2	1250	<.2	98	100	18	2.24	40	0.12	645	48	6	<10	166
22		<5	<2	1050 1160	<.2 <.2	278 390	70 50	13 12	2.1 2.28	310 1630	0.1 0,1	235 605	50 82	24 36	<10 <10	134 298
23	IAS-023	<5	<2	1230	<.2	48	90	22	3.46	20	0,14	720	60	<2	<10	158
24 25	IAS-024 IAS-025	<5 <5	<2 <2	1320 1380	<.2 <.2	32 50	120 130	21 21	3.62 3.69	20 10	0.16	1160 855	74	4	<10	160
26	IAS-026	<5	<2	1340	<.2	72	120	25	4.37	30	0.17 0.17	1460	96 146	4 4	<10 <10	188 274
27	IAS-027	<5	<2	1380	<.2	80	130	20	4.56	20	0.15	1275	138	4	10	250
28 29	IAS-028 IAS-029	<5 <5	<2 <2	1300 1200	<.2 <.2	114 130	110 100	17 18	4.9 4.44	60 20	0.13 0.09	1025 1145	110 102	2 8	10 50	232 218
30	IAS-030	<5	<2	1300	<.2	180	100	23	5.2	60	0.09	1225	100	18	100	232
31 32	IAS-031 IAS-032	<5 <5	<2 2	940 720	<.2 <.2	612 408	30 60	24	3.77	270	0.08	225	90	42	30	590
33	JAS-033	<5	2	1070	<.2	400	50	24 25	5.06 5.1	90 110	0.11 0.09	280 240	74 60	24 24	80 90	258 258
		<5	2	710	<.2	362	250	30	4.49	70	0.09	2410	270	28	100	272
35 36	IAS-035 IAS-036	<5 <5	<2 <2	1110 920	<.2 <.2	156 220	70 70	30 9	4.65 3.05	30 50	0.17 0.14	280 715	92 68	8 18	10 30	310 176
37	IAS-037	<5	<2	930	< 2	258	60	14	3.1	40	0.12	675	66 -	14	30	204
38 39	IAS-038 IAS-039	<5 <5	<2 <2	890 1030	<.2 <.2	230 192	80 90	13 17	3,17	100	0.18	805	66	22	30	192
40	IAS-040	<5	<2	1000	<.2	224	70	15	3.85 4.26	10 30	0.17 0.11	895 650	78 78	20 26	40 50	214 202
41	JAS-041	<5	<2	920	<.2	168	80	11	3.5	10	0.13	745	68	20	30	174
42 43	IAS-042 IAS-043	<5 <5	2 <2	820 760	<.2 <.2	180 182	110 110	11 10	4.05 4.06	30 30	0.2 0.22	770 1065	76 76	20 16	20 20	228 206
44	IAS-044	<5	<2	910	<.2	106	100	10	3.81	40	0.18	905	74	10	10	160
45 46	IAS-045 IAS-046	<5 <5	<2 <2	970 810	<.2 <.2	136 194	110	11	4.07	10	0.15	835	74	14	20	164
· 47	IAS-047	<5	<2	860	<.2	236	120 120	16 17	4 4.01	40 80	0.16 0.13	1050 1085	86 132	24 36	50 50	172 216
48	IAS-048	<5	2	870	<.2	258	90	32	4,05	400	0.17	785	128	28	40	176
49 50	IAS-049 IAS-050	_ <5 <5	<2 2	790 750	<.2 <.2	120 132	100 90	. 55 17	3.3 3,65	50 90	0.2 0.24	650 655	86 80	12 10	10 10	98
51	IAS-051	<5	<2	870	<.2	142	80	16	3.79	60	0.21	705	154	12	20	110 212
52 53	IAS-052 IAS-053	<5 <5	2 <2	910 650	<.2 <.2	156 88	80 120	8 27	3.84	80	0.18	730	100	14	10	280
54	IAS-054	<5	<2	760	<.2	80	180	23	4.21 4.16	40 40	0.14 0.14	1810 1625	108 100	6 4	10 <10	208 186
55 56	IAS-055 IAS-056	<5	2 2	880	<.2	96 110	210	25	3,99	50	0.18	1855	112	6	<10	248
57	IAS-057	<5 <5	3	780 840	<.2 <.2	118 138	220 150	25 34	4.63 5,15	90 130	0,18 0.22	1585 1350	100 94	2 8	10 10	222 258
58	IAS-058	<5	<2	650	<.2	196	160	18	4.61	110	0.13	2240	86	10	60	190
	IAS-059 IAS-060	<5 <5	<2 2	1010 1100	<.2 <.2	138 60	130 140	23 25	4.41 3.13	90 100	0.13	2070 860	128	10	50	218
61	IAS-061	<5	2	950	<.2	202 `	300	27	5.1	150	0.00	2350	44 154	6 16	20 90	186 238
62 63	IAS-062 IAS-063	<5 <5	2 3	830 1400	<.2	146	110	25	3.9	30	0.12	1620	108	12	80	262
64	IAS-064	<5	<2	1630	<.2 <.2	132 44	270 90	25 24	3.88 3.23	50 30	0.13 0.18	2380 770	132 68	12 2	80 <10	240 238
65 66	IAS-065 IAS-066	<5 <5	2	1650	<.2	40	60	25	3.05	20	0.19	560	52	2	<10	344
67	IAS-066 IAS-067	<5 <5	3 2	1800 1560	<.2 <.2	40 16	70 80	32 26	3.59 2.58	50 40	0.23 0,19	1025 610	86 52	<2 <2	<10 <10	514 308
68	IAS-068	<5	2	1500	<.2	38	70	32	3.17	90	0.18	760	46	<2	10	300
	IAS-069 IAS-070	<5 <5	<2 2	630 1000	<.2 <.2	44 18	50 30	50	3.46	10	0.12	700	20	<2	<10	50
71	IAS-071	<5	2	1370	<.2	20	30 120	19 28	2.5 2.8	10 10	0.07 0.08	410 520	12 20	<2 <2	<10 <10	62 70
72	IAS-072	<5	<2	870	<.2	16	110	28	2.66	30	0.07	680	22	2	<10	88
	IAS-073 IAS-074	<5 <5	2 <2	850 950	<.2 <.2	14 34	90 120	31 41	2.58 2.96	10 30	0.09 0.1	495 855	20 22	<2 <2	<10 <10	96 88
75	IAS-075	<5	<2	710	<.2	20	110	19	1.41	40	0.11	730	6	<2	<10	36
76 77	IAS-076 IAS-077	<5 <5	<2	1030	<.2	22	120	41	4	20	0.16	760	32	<2	<10	160
	IAS-077	<5	<2 2	740 700	<.2 <.2	26 40	140 310	42 46	3.09 4.22	30 20	0.19 0.23	1280 2700	50 50	<2 <2	<10 <10	234 218
79	IBS-001	<5	<2	560	<.2	44	260	37	4	20	0.22	1900	86	2	<10	138
80 81	IBS-002 IBS-003	<5 <5	<2 <2	620 650	<.2 <.2	52 72	370 420	42 50	4.58 4.77	30 50	0.16	1630 1370	82	<2	<10	82
82	1B\$-004	<5	<2	650	<.2	52	420 460	50 51	4.77	10	0.19 0,19	1370 1070	190 30	2 <2	<10 <10	118 42
	IB\$-005	<5 <5	<2	810	<.2	32	230	59	4.3	10	0.16	1505	38	<2	<10	72
84 85	IBS-006 IBS-007	<5 <5	<2 <2	710 600	<.2 <.2	32 34	110 100	53 39	4.63 3.36	20 10	0.18 0.14	820 1040	26 18	<2 <2	<10 <10	50 32
86	IBS-008	<5	<2	420	<.2	38	80	60	3.35	30	0.14	1215	22	<2	<10 <10	32 26
87 88	IBS-009 IBS-010	<5 <5	<2	480 530	<.2	22	90 60	39	4.04	20	0.22	1535	22	<2	<10	42
88 89	IBS-010	<5 <5	<2 <2	530 780	<.2 <.2	24 44	60 60	52 36	4.11 3,39	20 40	0.29 0.1	1475 1035	24 42	<2 2	<10 <10	72 86
90		<5	<2	910	<.2	58	70	20	3.69	40	0.17	1185	90	2	<10	204

Appendix 7 Geochemical Data of Soil Sample in I-4 Area

Ĺ.

ć

1990 - 19900 - 19900 - 19900 - 19900 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990

į

	SAMPLE	Au	Sп	F	4.5	As	Ba	Cu	Fa	Hg	Mig	Mo	Pb	So	w	Zn
	DESCRIPTION	ppb	ppm	ppm	Ag ppm	ppm	ppm	ppm	%	ppb	%	ppm	ppm	ppm	ppm	ppm
	IBS-013 IBS-014	<5 <5	<2 <2	670 680	<.2 0.2	54 60	80 150	17 30	4.1 3.62	20 30	0.18 0.21	965 2020	92 110	2 4	<10 10	156 232
93	IB\$-015	<5	<2	740	<.2	68	120	24	3.47	20	0.19	1205	122	2	<10	218
	185-015 193-017	<5 <5	<2 <2	800 890	<.2 <.2	80 100	110 80	21 27	3.73 3.54	50 30	0.19 0.18	1125 765	178 380	4 6	20 30	246 282
	185-018	<5	<2	720	< 2	76	110	20	3 68	<10	0.21	1225	62	2	20	110
97 98	IBS-019 IBS-020	<5 <5	<2 <2	770 710	<.2 <.2	50 32	50 70	26 23	3.89 3.88	10 10	0.17 0.15	360 510	50 78	2 2	10 <10	100 112
99	IBS-021	<5	<2	1280	<.2	30	40	21	3.6	<10	0.14	300	42	<2	<10	74
100 101	IBS-022 IBS-023	<5 <5	<2 <2	1260 1230	<.2 <.2	42 70	70 100	20 9	3,73 3.89	10 60	0.12 0.13	690 625	68 80	2 8	<10 30	76 174
102	IBS-024	<5	<2	1170	<.2	72	90	12	3.9	50	0.12	620	84	8	40	196
103 104	IBS-025 IBS-026	<5 <5	<2 3	1250 1510	<.2 <.2	72 52	80 80	16 22	3.99 4.06	20 10	0.11 0.15	550 445	86 72	8 2	40 20	198 230
105	IBS-027	<5	2	1290	< 2	34	80	24	3.97	<10	0.18	515	58	2	10	200
106 107	IBS-028 IBS-029	<5 <5	<2 <2	1530 780	<.2 <.2	42 22	60 70	34 41	4.53 4.3	50 	0.18 0.16	345 635	108 32	2 <2	10 <10	· 338 116
108	18\$-030	<5	<2	720	< 2	28	90	39	4.15	10	0,15	890	12	<2	<10	42
109 110	IBS-031 IBS-032	<5 <5	<2 <2	720 700	<.2 <.2	12 12	100 120	31 34	3.88 3.62	10 20	0.13 0.12	775 990	10 12	<2 <2	<10 <10	36 40
111	IB\$-033	<5	<2	920	< 2	10	160	43	3.54	<10	0.17	1265	18	<2	<10	36
112 113	IBS-034 IBS-035	<5 <5	<2 <2	800 1380	<.2 <.2	22 234	190 50	36 16	2.92 3.33	20 30	0.14 0.07	1310 495	18 64	<2 16	<10 50	32 158
114	185-036	<5	<2	990	<.2	24	160	31	3,95	10	0.21	590	22	<2	<10	68
115 116		<5 <5	<2 <2	810 500	<.2 <.2	42 186	150 190	44 65	3.04 5.01	30 10	0.25 0.14	1060 1020	34 118	<2 14	<10 <10	72 210
117	ICS-002	<5	<2	330	<,2	122	280	48	4.13	10	0.11	1185	130	22	<10	136
118 119		<5 <5	<2 12	410 250	<.2 <.2	132 100	150 170	44 28	3.84 3.06	10 10	0.08 0.08	320 660	128 242	24 14	<10 <10	124 132
	ICS-005	<5	<2	250	<.2	94	220	30	2.69	10	0.1	995	284	12	<10	148
121	ICS-006 ICS-007	<5 <5	5 4	280 740	<.2 <.2	90 56	250 210	29 21	2.78 3.03	10 <10	0.09 0.81	1040 775	308 74	12 <2	<10 <10	140 124
	ICS-008	<5	5	690	<.2	86	170	26	2.6	<10	0.64	590	112	<2	<10	144
124 125		<5 <5	3 <2	570 530	<.2 <,2	48 52	520 570	40 49	2.97 3.05	20 20	0.26 0.14	1305 1615	274 308	4	<10 <10	392 366
125		<5	4	620	<.2	56	560	58	3.91	30	0.18	1620	338	2	<10	344
127	ICS-012 ICS-013	<5 <5	8 5	280 340	·<.2 <,2	126 156	540 720	40 50	2.66 2.72	40 10	0.13 0.14	1770 1580	470 582	8 12	<10 <10	432 530
129	ICS-014	<5	4	410	<.2	124	760	33	2.7	10	0.11	1115	412	2	<10	236
130 131		<5 <5	3 3	290 240	<.2 <.2	96 80	630 560	33 26	2.53 1,97	20 <10	0.09 0,07	1770 1665	374 446	6 6	<10 <10	194 162
132	ICS-017	<5	<2	260	<.2	62	1020	32	2.16	10	0.06	1975	364	6	<10	184
133 134	ICS-018 ICS-019	5 <5	<2 <2	270 190	<.2 <.2	40 26	870 420	38 31	2.17 2	20 10	0.1 0,06	2330 2240	172 158	<2 <2	<10 <10	194 148
135	ICS-020	<5	<2	300	<.2	24	310	26	2.22	10	0.07	2560	156	<2	<10	194
136 137	ICS-021 ICS-022	<5 <5	8 <2	390 650	<.2 <.2	12 6	270 120	30 34	2.66 2.8	10 10	0,09 0.09	3460 1695	72 62	<2 <2	<10 <10	164 132
138	ICS-023	<5	<2	450	< 2	6	140	28	1.66	10	0.11	2270	22	<2	<10	82
	ICS-024 ICS-025	<5 <5	<2 <2	380 250	<.2 <.2	14 18	120 60	33 27	2.25 2.11	10 10	0.08 0.07	2520 1345	52 36	<2 2	<10 <10	78 74
	ICS-026	<5	<2	260	<.2	80	810	50 70	3.1	30	0.12	3580	590 700	6	<10	456
	ICS-027 ICS-028	<5 <5	<2 <2	360 560	<.2 0.2	70 108	1760 2300	73 70	3.52 4.24	30 10	0.2 0.32	4820 4470	798 4220	4 20	<10 <10	602 822
144		<5 <5	<2 <2	630 500	<.2 <.2	52 46	1400 1580	65 60	4,55 3.85	<10 10	0.43 0.31	3360 3760	674 580	6 2	<10 <10	480 480
145 146	ICS-030	<5 <5	<2	960	<.2	54	990	216	4.52	<10	0.54	2590	230	2	<10	496
	ICS-032 ICS-033	<5 <5	<2 <2	830 610	0.2 < 2	72 42	780 430	80 46	4.45 3.68	10 10	0.38	2420 1610	328 160	2 <2	<10 <10	454 216
149	ICS-034	<5	<2	490	< 2	30	310	32	2.9	<10	0.08	915	162	<2	<10	144
	ICS-035 ICS-036	<5 <5	<2 <2	480 360	<.2 <.2	18 20	300 160	35 31	2.99 2.12	10 10	0.06 0.06	715 945	66 70	<2 <2	<10 <10	126 110
152	ICS-038	<5	<2	1200	<.2	22	120	11	2.51	10	0.16	945	32	<2	10	78
	ICS-039 ICS-040	<5 <5	<2 <2	1220 1240	<.2 <.2	26 26	120 120	10 9	2.32 2.49	10 10	0.16 0.17	870 825	30 38	2 <2	10 10	72 72
155	ICS-041	<5	<2	1240	<.2	18	120	14	2.29	40	0.2	860	32	<2	<10	80
	ICS-042 ICS-043	<5 <5	<2 <2	1190 1250	<.2 <.2	14 16	120 100	18 14	2.45 2.01	10 10	0.38 0.2	1050 770	28 28	<2 <2	<10 <10	102 84
158	ICS-044	<5	<2	1180	<.2	42	130	10	2.96	70	0.15	935	58	4	10	182
	ICS-045	<5 <5	<2 <2	1260 1440	0.2 <.2	44 26	130 100	16 16	2.79 2.36	40 10	0.13 0.1	960 625	160 74	2	10 <10	238 108
161	ICS-047	<5	<2	1390	<.2	22	110	22	2.7	<10	0.13	930	70	<2	<10	136
	2 ICS-048 3 ICS-049	<5 <5	<2 <2	1180 1210	<.2 < 2	24 20	70 70	41 64	3.81 3.45	20 <10	0.18 0.18	525 435	26 12	2 <2	<10 <10	90 60
164	ICS-050	<5	<2	760	<.2	26	130	41	3.06	10	0.15	1270	20	<2	<10	60
	5 ICS-051 5 ICS-052	<5 <5	<2 <2	720 640	<.2 <.2	18 12	90 230	41 17	3.29 3.11	10 10	0.13 0.2	1145 1190	18 10	<2 <2	<10 <10	46 24
167	/ ICS-053	<5	<2	730	<.2	10	220	32	3.46	10	0.12	805	16	<2	<10	38
	3 ICS-054 9 ICS-055	<5 <5	<2 <2	830 1310	<.2 <.2	8 32	190 160	41 17	3.63 3.62	10 50	0.19 0.18	795 735	12 94	<2 2	<10 <10	44 164
170) ICS-056	<5	<2	1350	<.2	22	130	22	3.06	80	0.13	690	70	<2	<10	134
	I ICS-057 2 ICS-058	<5 <5	<2 <2	1090 470	< 2 <.2	20 26	90 60	17 43	2.91 2.77	<10 10	0.11 0.06	915 695	54 20	2 <2	<10 <10	102 24
173	3 ICS-059	<5	<2	370	<.2	36	60 20	44	2.6	<10	0.07	1295	14	<2	<10	22
	1 ICS-060 5 ICS-061	<5 <5	<2 <2	910 710	<.2 <.2	12 10	30 90	38 33	3,93 3,19	10 10	0.14 0.18	310 605	10 8	<2 <2	<10 <10	48 40
176	5 ICS-062	<5	<2	640	<.2	12	120	31	3.01	10	0.18	875	12	<2	<10	54
	7 ICS-063 3 ICS-064	<5 <5	<2 <2	1240 1120	<.2 <.2	42 48	150 130	9 9	3.09 3.16	30 40	0.23 0.15	1040 985	54 68	4 <2	10 10	204 196
179	9 ICS-065	<5	<2	1160	< 2	48	130	10	3.52	120	0 18	845	92	2	10	230
180	D ICS-066	<5	<2	1040	<.2	48	120	10	3.35	50	0.18	885	82	2	<10	260

A -- 24

<)

>

Appendix 7 Geochemical Data of Soil Sample in I-4 Area

c	AMPLE	Au	Sn	F	Ag	As	8a	Cu	Fe	Hg	Mg	Ma	Ръ	Sb	w	Zn
	ESCRIPTION	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ppio	%	ppm	ppm	ppm	ppm	ppm
181 IC		<5	<2	1160	<.2	50	150	24	3.4	10	0.2	1025	96	<2	10	232
	C\$-068	<5	<2	930	< 2	36	140	27	3.58	20 10	0.17 0.15	1125 570	62 20	~2 <2	10 <10	164 82
	CS-069 CS-070	<5 <5	<2 <2	950 840	< 2 < 2	16 12	70 60	34 34	4.21 3.9	<10	0.15	1235	20	<2	<10	72
	CS-071	<5	<2	470	<.2	24	100	24	1.71	10	0.07	440	10	<2	<10	26
	CS-072	<5	<2	500	<.2	42	180	30	1.91	30	0.09	1870	8	<2	<10	62
187 (0	CS-073	<5	<2	7 9 0	<.2	32	170	56	3.07	20	0.16	3850	14	<2	<10	46
	CS-074	<5	<2	940	<.2	32	160	54	3.21	<10	0.15	2640	28	<2	<10	58
	28-075	<5 <5	<2 <2	850 580	<.2 <.2	22 22	150 150	36 39	2.86 3.58	10 10	0.19 0.18	1760 1405	20 16	<2 <2	<10 <10	40 46
	CS-076 CS-077	<0 <5	<2	720	<.2	40	200	45	4.2	20	0.23	1515	20	<2	<10	50
	CS-078	<5	<2	680	<.2	20	170	38	3,14	30	0.21	1620	34	<2	<10	62
	CS-079	<5	<2	250	<.2	30	280	27	2.24	10	0.04	2050	106	<2	<10	68
	CS-060	<5	<2	490	<.2	54	360	37	2.9	10	0.08	1390	118	2	<10	114
	CS-081	25	<2	690 620	< 2	176 40	1320 510	83 39	3.98 2.34	80 30	0.18 0.08	4480 1020	2210 182	10 2	<10 <10	774 274
	CS-082 CS-083	<5 <5	<2 <2	530 680	<.2 <.2	36	570	35	2.34	20	0.08	515	262	2	<10	320
	CS-084	<5	<2	570	< 2	28	760	31	2.65	10	0.07	740	218	2	<10	274
	CS-085	<5	<2	550	<.2	48	760	37	2.84	20	0,1	1105	556	4	<10	310
	CS-086	<5	2	600	<.2	56	600	49	3.05	10	0.08	1040	318	6	<10	284
	CS-087	5	10	450	<.2	168	600 1620	50	2.59 4.53	10 120	0.1 0,44	1135 930	522 3470	16 70	<10 <10	384 1255
	CS-068 CS-069	25 15	350 460	690 450	1.2 0.8	1925 1300	1530 1430	193 111	4.55	50	0.28	1055	2930	48	<10	1355
	CS-090	<5	<2	750	< 2	64	80	11	1,06	40	0.12	580	26	<2	<10	78
	CS-091	<5	<2	950	<.2	94	70	13	0.89	20	0.11	460	34	2	<10	58
	CS-092	5	<2	770	< 2	246	100	15	1.15	60	0.11	615	46	12	<10	62
	CS-093	<5	<2	900	<.2	168	70	13	1.17	20	0.09	725	52 42	8 28	<10 <10	60 26
	CS-094 CS-095	<5 <5	<2 <2	840 1050	<.2 <.2	280 350	80 80	11 9	1.29 1.34	10 10	0.1 0.1	165 90	42	36	<10	62
	CS-095	<5	<2	1060	<.2	276	60	14	1.73	90	0.15	475	44	22	<10	104
	CS-097	<5	<2	830	< 2	206	70	11	0.97	60	0.11	680	42	6	<10	60
	CS-098	<5	<2	1000	<.2	244	60	11	2	50	0.11	950	100	12	<10	134
	CS-099	<5	<2	1140	< 2	340	70	11	2.99	100	0.1	990 855	130	20 22	10 <10	228 198
	CS-100 CS-101	5 <5	<2 <2	1080 1130	<.2 <.2	286 138	60 50	10 9	3.02 2.55	60 50	0.11 0.1	775	144 90	10	<10	152
	CS-102	<5	<2	1350	<.2	108	180	22	3.85	20	0.2	1480	58	18	10	152
217 1	CS-103	<5	<2	1400	<.2	98	200	28	3.78	20	0.18	1685	66	12	10	172
-	CS-104	<5	<2	1400	<.2	108	120	18	4.07	10	0.23	1070	50	14	10	134
	CS-105 CS-106	<5 <5	<2 <2	1340 1500	<.2 <.2	64 262	160 170	20 20	3.78 2.99	10 120	0.2 0.25	1370 1705	38 72	14 56	<10 <10	96 244
	CS-105	<5	<2	1400	< 2	538	100	15	2,66	200	0.14	1020	42	42	10	278
	CS-108	10	3	1200	0.2	442	160	30	3.24	560	0.23	2040	72	22	<10	256
223 🕴	CS-109	<5	<2	1450	<.2	158	70	17	1.44	340	0.15	570	62	2	<10	294
	DS-001	<5	<2	570	<.2	26	50	48	4.36	20	0.12	720	72	2	<10	162
	DS-002 DS-003	<5 <5	<2 <2	480 500	<.2 <.2	24 18	40 60	41 50	3.44 3.76	10 10	0.09 0.11	415 1130	102 76	4 <2	<10 <10	140 112
	DS-004	<5	<2	600	< 2	28	40	38	3,38	10	0.09	315	40	<2	<10	114
	DS-005	<5	<2	240	< 2	22	40	21	1,78	<10	0.03	480	64	<2	<10	66
	D\$-006	<5	<2	190	<.2	14	50	18	1.35	<10	0.04	1015	12	<2	<10	20
	DS-007	<5	<2	180	<.2	14	60	20	1.18	10	0.05	1295	12	<2	<10	14
	DS-008 DS-009	<5 <5	<2 <2	150 180	<.2 <.2	4 8	80 180	20 21	1,13 1,21	20 30	0,07 0,08	2020 3510	14 22	<2 2	<10 <10	16 16
	DS-010	<5	<2	180	< 2	52	90	23	1.38	10	0.06	2330	16	2	<10	16
	DS-011	<5	<2	360	<.2	22	30	38	3.01	<10	0.05	400	80	2	<10	132
	IDS-012	<5	<2	160	<.2	14	120	21	1.49	10	0.06	1975	28	2	<10	42
	ID\$-013	<5	<2	140	<.2	20 18	60 60	16 32	1.17 2.43	10 20	0.04 0.05	1345 1030	22 16	2 <2	<10 <10	26 28
	IDS-014 IDS-015	<5 <5	<2 <2	200 420	<.2 < 2	42	70	51	3.76	30	0.05	1050	42	2	<10	168
	DS-016	<5	<2	360	<.2	26	60	29	2.61	10	0.07	995	36	<2	<10	76
	DS-017	<\$	<2	370	<.2	16	30	27	2.7	<10	0.07	300	16	<2	<10	44
	IDS-018	<5	<2	200	<.2	14`	110	19	2.24	10	0.07	2240	20	2	<10	38
	IDS-019 IDS-020	<5 <5	<2 <2	250 240	<.2 <.2	22 32	140 60	31 47	2.5 3.2	10 <10	0.08 0.1	1775 1090	22 36	2 2	<10 <10	50 62
	IDS-020	<5	<2	380	<.2	38	110	52	3.41	10	0.11	1220	38	<2	<10	94
	IDS-022	<5	<2	410	<.2	24	150	43	2.93	10	0.08	1370	36	4	<10	92
	IDS-023	<5	<2	500	<.2	22	240	46	3.39	10	0.12	1315	28	<2	<10	112
	IDS-024	<5	~2	460	<.2	14	260 250	35 36	3.18 3.22	10	0.13 0.14	1460 1025	34 48	6 2	<10 <10	122 126
	IDS-025 IDS-026	<5 <5	<2 <2	490 600	<,2 <,2	22 22	250 180	36 32	3.15	10 10	0.14	385	36	<2	<10	102
	IDS-027	<5	<2	570	<.2	32	320	40	3,59	20	0.2	905	46	4	<10	122
	IDS-028	<5	<2	1250	<.2	36	90	16	3.13	30	0.17	355	56	2	<10	268
252	1DS-029	<5	<2	1260	<.2	48	140	12	3.65	20	0.19	930	98	6	<10	254
	IDS-030	<5	<2	1200	<.2	60	140	16	3.58	10	0.17	1115	130	6	<10	276
	IDS-031	<5	<2	1200	<.2	76	150	19	3.38 3,62	50 40	0.17 0.17	1065 1150	208 122	4 10	<10 <10	298 228
	IDS-032 IDS-033	<5 <5	<2 <2	1130 1080	<.2 <.2	50 38	150 100	11 13	3,62 3,38	40	0.17	940	94	2	<10	182
	IDS-034	<5	<2	1000	<.2	32	90	14	3.3	<10	0.09	900	74	2	<10	158
	IDS-035	<5	<2	1120	<.2	48	120	17	3.32	10	0.07	620	62	2	<10	136
	IDS-036	<5	<2	1160	<.2	36	80	18	2.59	10	0.06	715	44	2	20	156
	IDS-037	<5	<2	760	<.2	16 20	80 130	36 33	3,99 3.86	<10 10	0.23 0.19	590 910	22 14	4 <2	<10 <10	124 52
	IDS-038 IDS-039	<5 <5	<2 <2	640 630	<.2 <.2	20	130	33 34	3.86	10 <10	0.19	910	14 10	<2 2	<10 <10	52 36
	IDS-040	<5	<2	740	<.2	14	320	39	3.41	<10	0.2	1065	14	<2	<10	36
264	IDS-041	<5	<2	840	<.2	20	310	41	4.11	10	0.2	810	14	<2	<10	30
265	IDS-042	<5	<2	550	<.2	16	510	43	2.87	<10	0.15	1580	8	2	<10	38
	IDS-043	<5	<2	490	<.2	10	400	49	2.76	10	0.13	2270	56	2	<10	70
	IDS-044	<5 <5	<2 <2	560 570	<.2 <.2	12 12	510 260	44 47	2.88 3.13	10 <10	0.17 0.16	1580 1660	6 16	<2 2	<10 <10	42 90
	IDS-045 IDS-046	<5 <5	<2	630	<.2	10	300	49	3.39	10	0.16	1485	36	2	<10	134
	1DS-047	<5	<2	1050	< 2	104	90	33	3,8	50	0.14	1325	50	10	20	112

Appendix 7 Geochemical Data of Soil Sample in I-4 Area

í, i

(

and the second sec

	SAMPLE	Au	Sn	F	Ag	As	Ba	Cu	Fe	Hg	Mg	Mn	Pb	Sb	w	Zn
071	DESCRIPTION IDS-048	рръ <5	ррт <2	ррт 770	ρρm <.2	ppm 48	ppm 100	ppm	% 319	ррь 10	% 0.1	ррт 2130	ррл 30	ррт. 8	<u>ррт</u>	ррт 58
	IDS-049	<5	<2	770	< 2	48 72	100 80	41 28	3.19	20	0.12	1475	30	8	10 10	56
	IDS-050	<5	<2	830	< 2	114	80	22	2.84	10	0.09	1355	24	12	10	64
	IDS-051 IDS-052	<5 <5	<2 `<2	990 1080	< 2 <.2	166	50	15	2.83	20	0.07	865 990	22 28	12 14	30 10	64
	IDS-052 IDS-053	<5	<2	1160	<.2	182 162	80 70	23 14	3.2 3.17	30 60	0.11 0.11	990 840	30	14	10	112 86
277	IDS-054	<5	<2	1060	<.2	270	50	16	2.96	100	0.11	830	36	20	10	96
	ID\$-055	10	<2	1090	<.2	182	80	11	3.52	40	0.13	945	40	22	10	116
	IDS-056 IDS-057	<5 <5	<2 <2	1070 1190	<.2 <.2	188 212	60 70	10 14	2.78 3.13	80 60	0.13 0.14	750 745	34 30	20 18	20 30	86 96
	IDS-058	<5	<2	1200	<.2	188	70	19	3.3	70	0.1	670	30	10	20	78
	IDS-059	<5	<2	1060	<.2	98	40	14	2.82	30	0.08	525	40	8	10	72
	IDS-060 IDS-061	<5 <5	<2 <2	1000 930	<.2 <.2	38 32	20 30	12 8	2.44 2.07	<10 <10	0.07 0.07	295 375	14 16	2 2	10 10	38 34
	IDS-062	<5	<2	980	< 2	66	40	13	2.66	<10	0.08	835	28	10	10	52
	IDS-063	<5	<2	920	<.2	90	70	13	2.74	10	0 08	670	36	10	10	54
	IDS-064 IES-001	<\$ <5	<2 <2	1020 1140	<.2 <.2	120 36	100 150	15 38	3.14 3.27	30 30	0.1 0.17	1035 1265	36 100	12 6	20 <10	78 178
	IES-002	<5	<2	1250	< 2	24	180	16	3.09	20	0.17	1125	110	2	<10	170
	IES-003	<5	<2	1270	<.2	24	130	16	3.03	70	0.24	1135	144	6	<10	252
	IES-004 IES-005	<5 <5	<2 <2	1280 1200	<.2 <.2	48 34	170 130	10 13	3.43 2.94	20 20	0.2 0.18	1125 955	96 58	4	<10 <10	316 186
	IES-005	~≎ <5	<2	1300	<.2	28	130	13	2.94	20 40	0.16	955 960	56 66	<2 4	<10	198
	IES-007	<5	<2	1200	<.2	8	190	10	2.35	20	0.18	1070	26	<2	<10	72
	IES-008	<5 <5	<2 <2	1300 1350	<.2	14	200 200	11	2.57 2.57	10 20	0.18	775 915	32	4	<10	54 58
	IES-009 IES-010	<5	<2	1470	<.2 <.2	6 2	120	10 12	2.57	10	0.19 0.26	1295	32 16	2 2	<10 <10	70
	IES-011	<5	<2	1230	<.2	10	90	11	2.4	<10	0.09	615	24	2	<10	48
	IES-012	<5 - F	<2	1100	<.2	10	90	9	2.27	10	0.08	600 480	26	4	<10	48
	IES-013 IES-014	<5 <5	<2 <2	850 940	<.2 <.2	2 8	80 70	12 16	1.68 1.6	10 70	0.06 0.06	480 420	28 22	2 <2	<10 <10	42 42
	IES-015	<5	<2	1220	<.2	20	130	21	2.51	40	0.1	750	44	<2	<10	220
	IES-016	<5	<2	1280	<.2	34	120	23	3.11	80	0.13	575	58	6	<10	248
	IES-017 IES-018	<5 <5	<2 <2	1170 1280	<.2 <.2	34 30	120 120	9	3.69 3.93	50 30	0.23 0.18	1235 1115	72 74	2 6	<10 <10	214 156
	IES-019	<5	<2	1200	<.2	28	110	9	3.35	20	0.2	1030	62	2	<10	160
307	IE\$-020	<5	<2	1350	<.2	26	110	9	3.54	<10	0.18	820	48	<2	<10	110
308	IES-021 IES-022	<5 <5	<2 <2	1400 1420	<.2 <.2	14 14	100 120	9 10	3,75 3.5	<10 10	0.21 0.14	765 905	44 54	2 8	<10 <10	118 110
	IE\$-023	<5	<2	1430	<.2	36	100	9	3.63	10	0.13	920	50	2	<10	110
	IES-024	<5	<2	1360	<.2	30	100	7	3.46	<10	0.09	895	48	2	<10	98
	IES-025 IES-026	<5 <5	<2 <2	1390 1260	<.2 <.2	30 46	80 90	8 9	3.59 3.85	10 <10	0,13 0,11	740 785	48 58	2 2	<10 <10	100 132
	IES-027	<5	<2	1220	< 2	54	80	10	3.71	10	0.11	1040	78	4	10	160
	IES-028	<5	<2	1000	< 2	88	80 90	15	3.72	10	0.13	1195	86	8	30	180
	IES-029 IES-030	<5 <5	<2 <2	1120 1130	< 2 <.2	144 178	110	21 19	4.47 4.25	30 20	0.12 0.12	1000 805	124 96	10 12	30 30	214 206
318	IES-031	<5	<2	980	<.2	174	90	18	3.74	20	0.09	1050	94	12	30	196
	IES-032 IES-033	<5 <5	<2 <2	1380 1850	< 2	176	70 100	21 29	4.46 4.78	<10 10	0.14 0.15	360 750	50 130	8	20	172 354
	IES-033	<5	<2 <2	1450	<.2 < 2	124 114	70	17	3.66	10	0.15	785	60	10 14	<10 30	122
322	IE\$-035	<5	<2	1480	<.2	194	70	20	4.04	110	0.12	550	56	14	20	130
	IES-036 IES-037	<5 <5	<2 <2	1200 1500	<.2 <.2	118 200	70 90	15 23	2.87 4.56	30 30	0.1 0.11	660 630	40 90	12 16	20 40	90 142
	IES-038	<5	<2	1000	<.2	168	110	12	3.07	10	0.08	615	50	18		92
	IE\$-039	<5	<2	1340	< 2	184	70	14	3.73	10	0.09	675	56	20	60	120
	IES-040 IES-041	<5 <5	<2 <2	1360 1400	<.2 <.2	212 262	50 60	14 15	4.19 3.77	30 230	0.09 0.12	570 530	56 50	18 30	30 10	114 108
	IES-042	<5	<2	1270	< 2	254	90	12	3,79	180	0.16	780	68	36	20	144
	IES-043	<5	<2	1140	<.2	362	100	9	3.95	570	0.2	1025	70	42	10	180
	IES-044 IES-045	<5 <5	<2 <2	1100 1170	< 2 <.2	236 196	90 90	13 16	411	40 40	0.2 0.19	740 930	66 64	30 26	20 20	172 158
	IES-046	<5	<2	1180	< 2	212	100	15	4.59	30	0.16	1035	76	28	30	168
	IES-047	-5	<2	1000	< 2	150	110	13	3.96	20	0.17	1380	74	20	10	162
	IES-048 IES-049	<5 <5	<2 <2	820 800	< 2 < 2	140 88	110 100	16 22	3.67 3.87	40 10	0.16 0.16	1690 1760	60 46	10 12	10 <10	142 110
	IES-050	<5	<2	840	<.2	76	90	18	3.87	10	0.12	1515	36	12	<10	74
	IE\$-051	<5 - 5	<2	670	< 2	50	100	24	3.51	<10	0.11	1585	30	4	<10	64 50
	IES-052 IES-053	<5 <5	<2 <2	800 760	< 2 < 2	48 44	100 120	25 28	·4.12 4	20 10	0.12	1370 1800	24 28	6 6	<10 <10	50 56
	IES-054	<5	<2	1600	<.2	130	120	33	4.47	150	0.07	1740	90	10	40	326
	1E.\$-055	<5	<2	1440	<.2	166	1560	46	56	50	0.09	9750	276	16	40	206
	IES-056 IES-057	<5 <5	<2 <2	1420 1100	< 2 < 2	102 74	220 190	31 27	4.89 4 52	50 30	012 011	2000 1650	64 52	8 10	10 10	132 90
	IES-058	<5	<2	1000	< 2	68	180	25	4 68	60	0 12	1900	48	8	<10	84
	IES-059	<5	<2	800	< 2	70	200	23	4.82	30	014	2500	52	6	<10	72
	IES-060 IES-061	<5 <5	<2 <2	870 950	< 2 < 2	64 46	210 230	21 27	4 91 4.36	30 30	017 02	2330 2930	52 50	12 6	<10 <10	82 122
	IES-062	<5	<2	830	< 2	54	170	25	4 33	10	0.1	2920	50	8	<10	94
	IES-063	<5	<2	450	< 2	24	110	20	2 49	10	0.08	2540	28	<2	<10	54
	IE\$-064 IE\$-065	<5 <5	<2 <2	400 380	< 2 < 2	22 22	100 130	20 18	2.1 2.02	10 10	0.06 0.06	2050 1950	30 24	2 <2	<10 <10	58 54
	IFS-001	<5 <5	<2	580	<2	14	100	38	3.04	<10	0.05	2130	24 48	<2	<10	54 112
354	IF\$-062	<5	<2	560	< 2	4	80	42	3 03	<10	011	1090	22	<2	<10	64
	IFS-003 IFS-004	<5 <5	<2 <2	550 690	< 2 < 2	4 16	80 130	20 45	182 342	<10 10	0.09 0.19	1390 1985	28 62	2 <2	<10 <10	54 96
	IFS-004	<5	<2	690 540	< 2	10	80	45 36	3 42 2 45	<10	0.08	1965	36	<2	<10	90 40
358	I {F\$-006	<5	<2	380	< 2	2	60	20	1.29	10	0.04	1165	18	<2	<10	26
) IFS-007) IFS-008	<5 <5	<2 <2	360 220	< 2 < 2	10 12	140 80	31 25	2.1 1.63	<10 10	0.04 0.03	3000 2140	28 30	2 <2	<10 <10	30 18
		×0	~2	420	~ 4	12	30	25	100	10	0.03	2140	50	~2	~10	10

*

() ()

()

Ĵ

.

7 Geochemical Data of Soil Sample in I-4 Area

	SAMPLE	Au ppb	Sn	F	Ag	As ppm	Ba	Cu	F● %	Hg	Mg	Min	Pb	Sb	w	Zn
361	IFS-009	15	ppm <2	ррт 210	99m <.2	20	ррт 100	ppm 30	1.69	ррЬ 20	% 0.03	2890	ррт 26	ppm 2	ррт <10	ppm 16
	IFS-010 IFS-011	<5 <5	<2 <2	190	<.2	38	80	29	1,79	10	0.04	2840	32	2	<10	28
	IFS-012	<5	<2	170 190	<.2 <.2	18 26	150 130	32 27	1.54 1.48	20 <10	0.07 0.06	4110 3840	26 22	2 2	<10 <10	26 22
	IFS-013	<5	<2	230	<.2	34	70	19	1.32	<10	0.04	900	32	<2	<10	30
	IFS-014 IFS-015	<5 <5	<2 <2	390 330	<.2 <.2	64 130	50 30	23 19	1.82 1.76	<10 <10	0.06 0.04	135 50	34 26	6 2	<10 <10	28
	IFS-016	<5	<2	210	<.2	70	50	18	1.21	40	0.06	1065	20	<2	<10	40 12
	IFS-017	<5	<2	170	< 2	78	30	16	1	10	0.04	420	10	<2	<10	6
	IFS-018 IFS-019	<5 <5	<2 <2	160 140	<.2 <.2	76 46	100 60	19 18	1.55 1,14	30 30	0.05 0.03	2440 1850	36 20	2 <2	<10 <10	10 6
	IFS-020	<5	<2	240	< 2	86	30	25	2.15	<10	0.02	210	12	<2	<10	12
	IFS-021 IFS-022	<5 <5	<2 <2	200 410	<.2 <.2	62 118	30 50	19 27	1.7 3.52	<10 10	0.04 0.07	90 485	10 20	<2 4	<10 <10	8 14
	IFS-023	<5	<2	260	<.2	54	40	24	2.13	10	0.05	515	14	4	<10	14
	IFS-024 IFS-025	<5 <5	<2 <2	250 360	<.2	180	160	24	1.89	10	0.04	1855	34	2	<10	36
	IF\$-025	10	<2	1000	<.2 <.2	314 28	360 110	30 50	2.43 2.57	10 30	0.05 0.1	1500 385	58 24	<2 <2	<10 <10	60 40
	IFS-027	<5	<2	360	<.2	40	80	19	1.71	<10	0.03	935	8	6	<10	56
	IFS-028 IFS-029	<5 <5	<2 <2	260 300	<.2 <.2	18 20	90 50	24 24	1.74 1.95	10 30	0.05 0.05	1945 700	10 6	<2 <2	<10 <10	16 8
382	IFS-030	<5	<2	410	<.2	12	60	25	1.9	<10	0.06	240	8	<2	<10	20
	IFS-031 IFS-032	<5 <5	<2 <2	400 310	<.2 <.2	8 2	50 40	18	1.73	<10	0.05	120	<2	<2	<10	8
	IFS-033	10	<2	580	<.2	6	110	19 33	1.55 2.53	<10 20	0.08 0.2	435 605	<2 6	<2 <2	<10 <10	12 36
	IFS-034	<5	<2	380	<.2	10	30	28	1.94	10	0.08	510	2	<2	<10	14
	IFS-035 IFS-036	<5 <5	<2 <2	620 410	<.2 <.2	4	110 160	28 32	1.53 3.07	<10 10	0.12 0.13	935 1760	<2 6	<2 <2	<10 <10	18 26
389	IFS-037	<5	<2	710	< 2	24	250	22	3.47	10	0.2	1570	44	<2	<10	60
	IFS-038 IFS-039	<5 <5	<2 <2	900 1120	<.2 <.2	16 18	220 100	16 8	2.89 2.29	<10 10	0.16 0.06	1705 680	48 18	<2	<10	74
	IF\$-040	<5	<2	1130	<.2	18	70	14	3.1	<10	0.11	840	64	<2 <2	<10 <10	30 62
	IFS-041 IFS-042	<5 <5	<2 <2	1130 1180	<.2	24	70	18	3.21	<10	0.14	460	26	2	<10	66
	IFS-043	<5	<2	1200	<.2 <.2	18 22	120 70	21 19	3.27 3.64	<10 <10	0.15 0.16	980 560	40 36	2 <2	<10 <10	88 82
	IFS-044	<5	<2	1160	<.2	18	80	12	3.15	<10	0.14	595	30	<2	<10	72
397 398	IFS-045 IFS-046	<5 <5	<2 <2	1270 1080	<.2 <.2	16 42	90 100	6 8	3.26 3.74	<10 10	0.17 0.11	640 955	40 84	2 2	<10 <10	92 138
399	IFS-047	<5	<2	1180	<.2	62	90	11	3.77	30	0.13	780	62	10	30	160
	IFS-048 IFS-049	<5 <5	<2 <2	1050 1000	<.2 <.2	82 88	60 70	14 16	3.49 3.92	30 10	0.08 0.11	720 735	62 70	8 10	60 50	172 196
402	IFS-050	<5	<2	1150	<.2	66	100	17	3.06	20	0.11	1275	82	6	30	158
	IFS-051 IFS-052	<5 <5	<2 <2	1000 1100	<.2 <.2	36 394	80 100	18 15	1.84 2.74	90 790	0.11	560	50	2	<10	164
	IFS-053	<5	<2	1060	<.2	208	110	13	2.65	780 260	0.12 0.17	1000 825	64 70	32 16	10 <10	262 246
	IFS-054	<5	<2	470	<.2	20	50	48	3.52	<10	0.12	325	32	<2	<10	88
	IFS-055 IFS-056	<5 <5	<2 <2	500 630	<.2 <.2	16 26	. 60 30	45 69	3.22 4.2	10 <10	0.13 0.14	395 405	46 54	<2 4	<10 <10	120 112
	IFS-057	<5	<2	750	<.2	36	280	185	2.85	<10	1.27	1420	18	4	<10	142
	IFS-058 IFS-059	<5 <5	<2 3	1020 680	<.2 <.2	2 128	100 180	29 46	3.07 4.23	<10 <10	1.57 1.07	1625 915	12 20	6 14	<10 <10	130 110
412	IFS-060	<5	17	560	<.2	54	170	19	2.34	<10	0.62	545	66	2	<10	94
	IFS-061 IFS-062	5 10	60 50	280 360	<.2 0.2	930 1290	240 240	42 69	2.64 3.71	10 10	0.15 0.11	1030 955	1240 1945	398 570	<10 <10	214 356
	IFS-063	15	46	450	0.6	1980	450	142	4.41	50	0.16	990	3730	936	<10	634
	IFS-064 IFS-065	<5 <5	6 5	400 360	<.2 <.2	478 146	870 770	125 66	4.86	30	0.37	3840	760	262	<10	2110
	IF\$-066	<5	3	300	<,2	50	200	29	2.27 1.77	30 10	0.12 0.08	1790 1185	900 176	42 24	<10 <10	704 328
	IFS-067 IFS-068	<5 <5	4 3	340	<.2	52	240	39	2.07	10	0.08	1240	144	18	<10	310
	IF\$-069	15	2	320 360	<.2 <.2	52 278	270 970	55 76	2.47 3.99	30 20	0.07 0.11	1370 2630	62 240	18 20	<10 <10	124 318
	IF\$-070	<5	2	430	< 2	32	750	39	2.99	10	0.1	1395	758	6	<10	388
	IFS-071 IFS-072	<5 <5	3 <2	370 460	<.2 < 2	42 60	660 360	53 46	3.43 2.89	10 10	0.1 0.07	940 1455	158 228	6 2	<10 <10	344 246
425	IF\$-073	<5	<2	380	<.2	72	550	46	3.02	10	0.07	3060	248	6	<10	656
	IFS-074 IFS-075	<5 <5	<2 <2	300 390	<.2 <.2	14 10	230 130	34 30	2.68 3	10 10	0.06 0.06	2570	62	4	<10	152
428	1FS-076	<5	<2	360	< 2	30	300	37	2.01	10	0.03	2570 1235	38 160	4 2	<10 <10	108 84
	IFS-077 IFS-078	<5 <5	<2 <2	430 550	<.2 < 2	56 28	360 420	41	2	10	0.05	680	194	2	<10	80
	IFS-079	<5	<2	560	<.2	30	310	42 44	3.09 3	10 30	0.09 0.05	960 890	194 180	2	<10 <10	208 154
	IFS-080	<5	<2	760	<.2	64	450	54	4.05	20	0.1	830	332	8	<10	452
	IFS-081 IFS-082	<5 <5	<2 <2	620 580	<.2 <.2	46 42	290 360	60 45	3.93 3.48	10 10	0.07 0.06	330 325	204 200	2 4	<10 <10	330 318
435	IFS-083	<5	<2	400	<.2	60	380	47	3.89	20	0.03	345	392	6	< 10	198
	IFS-084 IFS-085	<5 <5	<2 <2	540 560	<.2 <.2	54 82	720 780	57 79	3.03 4.49	20 10	0.14 0.17	1150 2120	476 444	<2	<10 <10	264
438	IFS-086	<5	<2	680	< 2	44	510	66	3.91	10	0.52	2330	444 86	2 2	<10 <10	278 480
	IFS-087	<5	<2	500	<.2	26	110	41	2 26	10	01	725	216	2	<10	262
	IFS-088 IFS-089	<5 <5	<2 <2	430 500	<.2 <.2	30 12	60 80	29 27	2.43 2.9	10 <10	0.05 0.06	200 270	150 52	4 <2	<10 <10	158 142
442	IFS-090	<5	<2	780	< 2	36	150	50	4,1	<10	0.05	130	180	<2	<10	138
	1FS-091 IFS-092	<5 <5	<2 <2	600 270	< 2 <.2	24 10	220 210	34 30	2.52 2.05	<10 10	0.07 0.03	380 1225	108	<2	<10 <10	88 86
445	IF \$-093	<5	<2	300	< 2	26	170	29	2.05	10	0.03	1225 1030	112 294	<2 <2	<10 <10	86 174
	IF S-094 IF S-095	<5 <5	<2	330	<.2	38	130	32	1.98	10	0.04	945	462	2	<10	162
	IFS-095 IFS-096	<5 <5	<2 <2	210 210	< 2 < 2	80 172	10 50	14 22	1.35 1.61	10 10	0.03 0.03	50 1585	8 20	<2 <2	<10 <10	6 16
449	IFS-097	<5	<2	330	<.2	60	200	38	2.12	20	0.06	4320	70	<5	<10	66
450	IFS-098	<5	<2	270	< 2	26	130	42	2 23	30	0.06	3130	50	<2	<10	64

Appendix 7

ţ

- AND

ĺ

Geochemical Data of Soil Sample in I-4 Area

45.1	SAMPLE DESCRIPTION IFS-099	Au ppb <5	Sn ppm	F ppm 300	Ag ppm	As ppm	8a ppm	Cu ppm	Fe %	Hg ppb	Mg %	Mn ppm	РЬ ppm	Sb ppm	W ppm	Zn ppm
	IFS-100	<5	<2 <2	420	<.2 <.2	42 46	100 410	38 40	2.79 2.28	10 20	0.06 0.07	1855 2520	82 84	<2 4	<10 <10	66 82
	IFS-101	<5	<2	260	<.2	30	330	34	2.12	20	0.07	4340	98	2	<10	64
454	IFS-102	<5 .7	<2	190	<.2	34	290	29	1.82	30	0.06	5120	104	<2	<10	60
455 456	IFS-103 IFS-104	<5 <5	<2 <2	160 200	<.2 <.2	16 16	220 180	27 29	1.71 1.66	30 30	0.06 0.04	5740 4320	76 80	<2 <2	<10 <10	50 36
457	IFS-105	<5	<2	230	<.2	44	60	26	2.27	10	0.03	530	224	<2	<10	88
	IFS-106	<5	<2	150	<.2	30	50	12	0.78	10	0.03	475	44	<2	≺10	42
459 460	IFS-107 IFS-108	<5 <5	<2 3	260 210	<.2 <.2	88 110	60 50	22 25	1.27 1.53	<10 <10	0.03 0.02	275 735	38 60	4 6	<10	102
461	IFS-109	<Š	5	250	<.2	106	110	20	1.57	10	0.02	405	118	2	<10 <10	126 116
	IFS-110	<5	5	230	<.2	178	410	25	2.02	10	0.03	2380	356	6	<10	114
463 464	IFS-111 IFS-112	<5 <5	4	430 340	<.2 <.2	236	120	31	2.85	10	0.06	470	180	12	<10	124
	IFS-113	<5	é	320	<.2	210 158	270 680	27 36	2.44 2.61	10 10	0.04 0.07	1365 1905	346 400	12 8	<10 <10	138 186
	IFS-114	<5	11	410	<.2	138	230	42	3.06	10	0.07	1080	236	6	<10	. 180
467 468	IGS-001 IGS-002	<5 <5	<2 <2	330 420	<.2 <.2	46	400	27	2.27	10	0.09	1625	222	<2	<10	292
469	IG\$-003	<5	<2	470	<.2	44 56	450 400	46 53	2.81 3.1	10 10	0.08 0.05	2350 2170	202 260	2 <2	<10 <10	388 426
470	IGS-004	5	<2	340	<.2	48	360	44	2.74	10	0.06	2170	120	2	<10	280
471 472	IGS-005 IGS-006	<5 5	<2 <2	260 260	<.2 <.2	34	410 330	31	1.8	10	0.05	2490	182	2	<10	204
	IGS-007	<5	<2	200 330	<.2	18 32	320	26 35	2.1 2.7	20 20	0.05 0.07	3130 2490	82 146	<2 <2	<10 <10	96 144
474	IGS-008	<5	<2	520	< 2	78	140	39	3.37	10	0.05	895	152	<2	<10	138
475 476	IGS-009 IGS-010	15 <5	<2 <2	220 380	<.2 <.2	22 70	490 60	25	2.04	10	0.05	4180	110	<2	<10	58
	IGS-011	<5	<2	230	<.2	102	90	20 22	1.94 1.84	10 30	0.05 0.07	640 1900	24 36	2 <2	<10 <10	32 58
478	IGS-012	<5	<2	230	<.2	48	170	27	1.87	40	0.09	3980	52	2	<10	100
479 480	IGS-013 IGS-014	10 10	<2 <2	240 320	<.2	44	200	27	2.14	30	0.08	5270	92	<2	<10	104
481	IGS-015	5	<2	450	<.2 <.2	176 94	150 140	35 46	2.66 2.92	30 30	0.06 0.07	3690 3320	46 102	2 <2	<10 <10	88 156
482	IG\$-016	10	<2	450	<.2	58	120	42	2,55	30	0.05	2160	50	2 2	<10	126
463	IGS-017 IGS-018	<5 <5	<2 <2	340 240	<.2 <.2	54 44	140 90	74 36	4.6 2.72	20 40	0.09	2330	54	<2	<10	118
	IGS-019	<5	<2	400	<.2	34	130	37	2.53	10	0.08 0.06	2880 2040	46 30	4	<10 <10	56 42
486	IGS-020	5	<2	290	<.2	32	70	26	2.01	10	0.06	2480	20	2	<10	36
487 489	IGS-021 IGS-022	<5 <5	<2 <2	260 560	<.2 <.2	28 24	60 80	25 21	1.73 1.74	20 20	0.05 0.06	2620 2480	22	<2	<10	40
489	IG\$-023	~5 <5	<2	280	<.2	22	90	15	1.51	10	0.08	2460	16 18	<2 2	<10 <10	28 20
490	IG\$-024	<5	<2	340	< 2	34	70	22	1.75	20	0.05	1710	26	2	<10	52
491 492	IGS-025 IGS-026	<5 5	<2 <2	260 240	<.2 <.2	28 74	160 110	19 20	1.26 1.46	30 20	0.08 0.05	3710 1335	34 38	<2 <2	<10 <10	44 70
	IGS-027	<5	<2	290	<.2	\$10	110	27	1.41	10	0,05	1945	130	<2	<10	86
	IG\$-028	<5	<2	310	<.2	50	110	28	2.09	30	0.04	940	76	<2	<10	84
495	IGS-029 IGS-030	<5 10	<2 <2	470 460	< 2 < 2	34 160	70 100	32 40	1.92 2.61	30 30	0.04 0.06	55 995	34 38	<2 <2	<10 <10	44 66
	IGS-031	<5	<2	460	<.2	452	200	37	2.29	40	0.06	1250	30	2	<10	56
498 499		<5 <5	<2	320	<.2	118	140	29	1.91	60	0.05	2740	24	<2	<10	44
499	IGS-033 IGS-034	<5	<2 <2	240 260	<.2 <.2	40 18	60 100	27 21	1.89 1.52	40 10	0.05 0.04	1280 1275	24 6	<2 <2	<10 <10	68 16
501	IGS-035	<5	<2	380	<.2	16	70	37	2.77	10	0,14	1630	30	2	<10	28
502 503	IGS-036 IGS-037	<5 <5	<2 <2	410 370	<.2 <.2	12 12	90 100	35 35	2.51	<10 10	0.08 0.17	1915	10	2	<10	28
504		10	<2	560	<.2	14	180	35 9	3.13 2.37	10	0,17 0,17	1300 1310	10 44	<2 <2	<10 <10	28 66
505		<5	<2	840	<.2	22	160	15	3.01	20	0.18	1340	42	<2	<10	108
	IGS-040 IGS-041	<5 <5	<2 <2	980 1000	<.2 <.2	24 34	100 60	13 16	3.38 3.57	10 10	0.12 0.13	640 300	38 32	2 2	<10 <10	50 .68
	IGS-042	5	<2	1170	<.2	24	30	17	3.41	10	0.11	315	20	<2	10	52
	IGS-043	<5	<2	1160	<.2	22	50	13	3 31	10	0.1	205	26	<2	<10	62
	IGS-044 IGS-045	<5 <5	<2 <2	1040 1000	<.2 <.2	14 24	60 70	12 16	2.57 3.3	10 <10	0.08 0.12	545 880	30 40	2 4	<10 <10	52 92
	IGS-046	<5	<2	1350	< 2	24	70	15	3.46	<10	0.13	515	38	<2	<10	108
	IGS-047 IGS-048	<5	<2	1340 780	<.2	36	80	16	3.99	10	0.16	555	54	2	<10	158
	IGS-048	<5 <5	<2 2	1000	<.2 <.2	80 100	80 80	12 13	3.77 3.49	30 30	0.15 0.16	960 785	78 76	6 8	20 40	218 246
516	IG\$-050	<5	<2	1020	< 2	88	70	21	3.13	40	0,14	835	82	8	20	242
	IGS-051 IGS-052	<5 <5	2	750 530	< 2 < 2	88 26	90 50	18 9	2 11 0.93	10 10	0.1 0.08	1200	114	4	20	92
	IGS-053	<5	<2	690	< 2	44	40	9	0.85	10	0.09	385 390	32 36	<2 <2	<10 <10	28 42
520	IGS-054	<5	<2	990	<.2	106	190	18	2.12	10	011	1075	144	2	<10	102
	IG\$-055 IG\$-056	<5 <5	<2 <2	850 900	<.2 < 2	40 14	50 50	13 13	14	40 20	01	400	50	2	<10	90
	IGS-057	<5	<2	1550	< 2	26	40	24	1.14 2.69	30	0.12 0.14	350 215	22 36	<2 <2	<10 <10	96 146
524	IG\$-058	<5	<2	560	< 2	20	120	49	34	10	0.21	675	48	4	<10	152
	IGS-059 IGS-060	<5 <5	<2 <2	480 480	< 2 < 2	26 30	100 140	38 35	2.67	10 10	0.07	1575	142	4	<10	188
	IGS-061	<5 <5	<2	450	< 2 < 2	30	140	35 34	3.14 3.22	10 10	0.14 0.07	3220 3200	136 94	4	<10 <10	198 _. 186
528	IG\$-062	<5	<2	390	< 2	32	80	39	34	10	0.05	1425	136	8	<10	192
	IG\$-063	<5	<2	420	< 2	16 24	310	36 20	2.31	10	0.1	1540	148	4	<10	202
	IGS-064 IGS-065	<5 <5	<2 <2	470 680	< 2 < 2	24 14	70 60	30 40	2.78 3.58	10 <10	0 05 0.04	545 205	26 42	10 6	<10 <10	68 96
532	IGS-066	<5	<2	900	< 2	18	110	62	4.05	10	0.1	285	222	2	<10	242
	IGS-067	<5 <5	<2	340	< 2	28	420	40	3 37	10	0.04	2530	258	8	<10	166
	IGS-068 IGS-069	<5 <5	<2 <2	350 420	< 2 < 2	24 68	410 430	42 43	2.92 3.7	30 10	01 0.06	2910 2320	378 238	10 10	<10 <10	258 314
536	IGS-070	<5	<2	590	< 2	68	290	44	4.69	<10	0.08	1455	198	10	<10	316
	IGS-071	<5	<2	550	<.2	92	200	50	4.45	20	0 07	1760	282	14	<10	232
	IGS-072 IGS-073	<5 <5	<2 <2	740 580	<.2 < 2	40 58	130 200	47 42	4.46 3.75	20 10	0.08 0.18	495 1930	27B 152	10 2	<10 <10	192 326
	IGS-074	<5	<2	610	< 2	74	290	59	4 01	<10	0 13	1705	118	2	<10	384

Appendix 7 Geochemical Data of Soil Sample in I-4 Area

541	SAMPLE DESCRIPTION IGS-075	Au ppb <5	\$n ppm <2	F ppm 380	Ag ppm <.2	As ppm 60	Ba ppm 240	Cu ppm 39	Fe % 2.9	Н 0 ррб 10	Mg % 0.1	Mn ppm 1730	Pb ppm 162	Sb ppm 4	W ppm <10	Zn ppm 270
	IGS-076	<5	<2	440	<.2	56	230	40	2.78	10	0.09	1710	146	4	<10	298
	IGS-077	<5	<2	610	<.2	10	140	24	2.64	10	0.17	1600	30	<2	<10	48
	IGS-078 IGS-079	<5 <5	<2 <2	540 700	<.2 <.2	10 6	130 130	23 36	2.69 3.05	10 20	0.16 0.15	1625 1510	24 18	<2 <2	<10 <10	42 32
	IG\$-080	<5	<2	540	<.2	14	200	41	2.95	20	0.14	2240	18	<2	<10	28
547	IGS-081	<5	<2	530	<.2	12	250	51	2.66	10	0.16	2100	26	<2	<10	32
548 549	IGS-082 IGS-083	<\$ <5	<2 <2	830 1000	<.2 <.2	12 12	180 170	32 42	3.94 3.45	10 10	0.22 0.25	1370 1710	42 30	2 <2	<10 <10	64 88
550	IGS-064	<5	<2	1160	< 2	12	150	26	3.61	10	0.23	1075	40	<2	<10	114
	IGS-085	<5	<2	1260	<.2	14	70	24	3.98	10	0.15	545	44	2	<10	132
	IGS-086 IGS-087	<5 <5	<2 <2	1100 1050	<.2 <.2	18 24	60 120	19 14	3.59 3.34	40 <10	0.11 0.15	460 790	32 60	<2 2	<10 <10	86 182
	IGS-088	<5	<2	1100	< 2	30	140	14	3.41	<10	0.2	1055	70	2	<10	232
	IGS-089	<5	<2	1160	<.2	32	130	17	3.6	<10	0.22	1020	80	4	<10	250
	IHS-001 IHS-002	<5 <5	<2 <2	600 460	<.2 <.2	34 36	150 170	40 36	3.65 3.52	10 <10	0.34 0,17	990 620	146 54	6 2	<10 <10	434 180
558	IHS-003	<5	<2	250	<.2	26	280	31	2.09	10	0.07	2700	68	2	<10	136
	IHS-004	<5	<2	280	<.2	114	490	39	2.49	10	0.13	2710	278	2	<10	252
560 561	1HS-005 1HS-006	<5 <5	<2 <2	250 30	<.2 <.2	32 24	180 60	21 11	1.6 1.47	10 10	0.05 0,03	1030 330	66 24	<2 <2	<10 <10	118 34
	IHS-007	<5	<2	160	<.2	16	50	15	1.29	50	0.04	505	34	2	<10	42
	IHS-008	<5	<2	530	<.2	18	90	16	2.47	20	0.09	910	14	<2	<10	32
	IH\$-009 IH\$-010	<5 <5	<2 <2	230 240	<.2 <.2	34 14	60 60	18 19	1.45 1.47	10 10	0.05 0.07	980 1380	18 16	<2 <2	<10 <10	18 26
	IHS-011	<5	<2	260	<.2	6	70	13	1.21	10	0.06	1615	14	<2	<10	16
567 568	IHS-012	<5 <5	<2 <2	200 180	<.2 <.2	12 20	60 50	12 18	1.14	10 10	0.05 0.05	1275 1375	8 20	<2 <2	<10 <10	12 8
	IHS-013 IHS-014	<5	~2	170	<.2	16	50 \$0	14	1.29 1.2	<10	0.03	1375	20 16	<2	<10	10
	IHS-015	<5	<2	280	< 2	16	90	27	1.66	10	0.08	2040	26	<2	<10	38
571 572	IHS-016 IHS-017	<5 <5	<2 <2	420 280	<.2 <.2	52 62	180 80	37 25	2.38 2.14	10 10	0.11 0.07	2700 1475	34 18	2 <2	<10 <10	76 34
	IHS-018	<5	<2	410	<.2	32	120	24	1.53	30	0.07	2570	16	<2	<10	44
	IHS-019	<5	<2	390	<.2	20	240	34	1.78	30	0.13	5810	16	2	<10	70
	IHS-020 IHS-021	<\$ <5	<2 <2	320 360	<.2 <.2	16 20	100 100	30 41	2.34 2.74	10 10	0.07 0.07	2610 2480	14 18	<2 2	<10 <10	38 38
	IHS-022	<5	<2	380	< 2	16	90	42	3.01	20	0.06	1150	26	<2	<10	54
	IHS-023	<5	<2	400	<.2	16	130	39	2.79	10	0.13	1415	20	<2	<10	78
580	IHS-024 IHS-025	10 <5	<2 <2	500 390	<.2 <.2	56 26	130 14D	28 29	2.81 2.45	10 <10	0.09 0.06	1495 2080	36 30	2 <2	<10 <10	78 86
		<5	<2	410	<.2	16	30	28	2.31	<10	0.05	345	16	<2	<10	64
	IHS-027 IHS-028	<5 <5	<2 <2	440 440	<.2 <.2	18 10	30 40	30 27	2,49 2.6	<10 <10	0.06 0.06	285 300	18 6	<2 <2	<10 <10	50 26
	IHS-029	<5	<2	390	<.2	18	40	26	2.3	<10	0.06	505	8	<2	<10	20
	IHS-030	<5	<2	410	<.2	10	70	26	2.17	<10	0.06	605	2	<2	<10	12
586 587	IHS-031 IHS-032	<5 <5	<2 <2	420 540	<.2 <.2	8 12	160 160	33 24	3.13 3.08	10 10	0.09 0.14	1805 1030	12 20	2 <2	<10 <10	38 28
	IHS-033	<5	<2	540	<.2	16	550	36	3.53	20	0.28	1685	26	<2	<10	30
589	IHS-034	<5	<2 <2	570 690	<.2 <.2	12 16	460 160	33	3.56	20	0.36	1490	16	<2	<10	3B
590 591	IHS-035 IHS-036	<5 <5	<2	980	<.2	18	110	44 43	4.24 3.82	10 30	0.21 0.16	715 1595	12 28	<2 <2	<10 <10	44 94
	IHS-037	<5	<2	800	<.2	14	70	20	3.12	10	0.15	750	36	<2	<10	96
593 594	IHS-038 IHS-039	<5 <5	<2 <2	1050 1000	<.2 <.2	12 16	60 70	19 17	3.19 3.02	<10 10	0.12 0.14	600 790	26 46	<2 <2	<10 <10	66 78
595		<5	<2	1220	<.2	18	60	21	3.18	10	0.13	745	90	2	<10	98
596		<5	<2	1190	<.2	6	70	20	3.26	10	0.19	480	32	6	<10	80
	IHS-042 IHS-043	<5 <5	<2 <2	1330 1250	<.2 <.2	16 30	100 90	19 9	3.53 3.56	10 20	0.11 0.14	950 1130	58 62	<2 2	<10 <10	84 104
599	IHS-044	<5	<2	1080	<.2	42	120	12	4	20	0.19	1275	106	2	<10	218
	IHS-045 IHS-046	<5 <5	<2 <2	1130 1180	<.2 <.2	74, 40	120 120	19 12	3.85 3.63	60 <10	0.15 0.22	1040 965	104 84	8 8	20 10	240 164
	(HS-047	<5	<2	1180	<.2	40	120	14	3.74	10	0.18	915	98	6	10	210
	1HS-048	<5 - 5	<2	1240	<.2	50	100	9	3.74	10	0.15	830	72	8	20	176
	IHS-049 IHS-050	<5 <5	<2 <2	1130 1200	<.2 <.2	46 42	100 100	8 15	3.37 3.38	20 100	0.14 0.19	935 825	66 82	8 6	20 10	158 218
606	IHS-051	<5	<2	1200	<.2	44	110	14	3.48	40	0.18	775	92	10	20	234
	IHS-052 IHS-053	<5 <5	<2 <2	1170 1080	<.2 0.6	60 216	90 90	12 15	3.33 3.02	50 70	0.17 0.19	805 965	84 80	8 20	30	264 390
	IHS-054	<5	<2	1000	<.2	204	90	22	2.94	50	0.19	965 665	80 98	20 16	20 40	148
	IHS-055	<5	<2	1060	<.2	48	70	17	1.85	10	0.12	505	42	<2	10	272
	1HS-056 1HS-057	<5 <5	<2 <2	1100 1000	<.2 <.2	76 56	80 70	21 22	2.03 2.23	10 <10	0.11 0.13	515 635	46 50	6 2	10 10	146 166
	IHS-058	<5	<2	1350	< 2	44	110	28	2.66	10	0.16	900	50	2	<10	226
	IHS-059	<5	2	500	<.2	14	40	40	3.15	10	0 08	485	20	<2	<10	62
	HS-060	<5 <5	<2 <2	1500 1380	< 2 < 2	32 92	100 150	22 24	2.82 4.29	20 60	0.16	1525 1150	76 94	2	<10 10	266 270
	IHS-062	<5	<2	1500	< 2	60	310	24	3.55	10	0.14	1645	86	<2	10	206
	IHS-063	<5	<2	1530	<.2	80	120	28	4,46	10	0.23	975	110	2	<10	428
	IHS-064 IHS-065	<5 <5	<2 <2	1550 1200	<.2 < 2	114 12	120 100	31 11	4.34 2.54	10 <10	0.21 0.19	1010 890	124 34	4 <2	<10 <10	430 66
	IHS-066	<5	<2	1170	< 2	132	70	18	3.73	20	0.15	770	56	6	30	130
	IHS-067	<5	<2	1480	< 2	178	50	26	4.48	<10	0.11	280	84	12	10	302
	IHS-068 IHS-069	<5 <5	<2 <2	1340 1550	<.2 < 2	174 238	40 30	28 21	4,47 3.97	<10 10	0.11 0.1	215 125	58 46	6 14	10 10	244 166
	IHS-070	<5	<2	1300	< 2	442	50	25	4.73	110	0.12	180	68	20	10	254
	HS-071	<5	<2	1250	< 2	724	40	27	4.38	380	0.13	355	106	34	10	458
	1HS-072 1HS-073	<5 <5	<2 2	1490 1120	<.2 <.2	620 502	80 130	26 31	4.24 4.54	500 370	0.12 0.15	735 1660	80 262	22 22	10 30	550 404
629) IHS-074	<5	2	1020	<.2	464	120	24	4.42	260	0.15	705	110	12	30	380
630) IHS-075	<\$	2	1020	< 2	358	80	17	3.63	100	014	560	86	16	40	256

, tempter

Appendix 7

ŧ

(

Second Second

Geochemical Data of Soil Sample in I-4 Area

	SAMPLE	Au	Sn	F	Ag	As	Ba	Cu	Fe	Hg	Mg	Mn	Ръ	Sb	w	Zn
	DESCRIPTION	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	ррь	%	ppm	ppm	ppm	ppm	ppm
	IHS-076	<5	2	1150	<.2	236	80	17	2.8	110	0.12	845	76	10	30	218
	IHS-077	<5	<2	1300	<.2	350	70	17	2.38	120	0.15	315	38	6	<10	118
	IHS-078	<5	2	1370	<.2	74	70	21	2.2	30	0.14	160	28	<2	<10	186
634	IHS-079	<5	<2	800	< 2	56	30	9	0.79	10	0.07	160	12	<2	<10	60
	IHS-060	<5	<2	800	<.2	104	30	9	1.06	<10	0.07	155	20	6	<10	54
636	IHS-081	<5	<2	1150	< 2	252	30	30	1.32	90	0.08	75	34	12	<10	76
637 638	IHS-082 IHS-083	<5 <5	<2 <2	1250 1300	<.2	364	40	13	1.99	80	0.1	110	24	14	10	124
		<5 <5	-		<.2	462	60	17	2.14	290	0.1	125	28	24	<10	144
639 640	IH\$-084	<> <5	<2	620	<.2	232	10	6	0.97	470	0.05	110	18	20	<10	64
	1HS-085 1HS-086	<0 <5	2 <2	660 1450	<.2	116	40	8	0.83	200	0.07	200	28	14	<10	48
641	IHS-087	<5	2	1450 800	< 2	46	60	23	2.4	30	0.13	240	34	<2	<10	162
643	HS-088	<5 <5		950	< 2	28	110	11	1.03	20	0.08	520	22	<2	<10	68
	#15-069	<5	<2 <2	950 750	<.2 <.2	82	110	18	2.07	50	80.0	840	52	2	<10	102
644 645	iHS-090	<0 <5	<2	750 820	< 2	112	60 60	14	1.55 1.72	30	0.1	840 1025	56	2	<10	74
646	1HS-090	<5	<2	780		134 358		17		30	0,09		76	6	10	72
647	IHS-091	<5 <5	2	820	< 2 < 2	306	130	21	3.41	70	0.1	2010	270	22	30	. 132
648	IHS-093	<5 <5	2	1070	<.2	198	130 70	26 20	3.76 3.86	60 50	0.1 0.14	1640 1030	238	16	40	248
649	IHS-093	<5 <5	<2	1030	<.2	190	70	20 18	3.96	50 30	0.14	880	124	10 8	30 40	282
650	IHS-095	<5	<2	1100	<.2	138	70	10	4.31	30 20	0.12	535	106 64	6 6	40	240 180
650	IHS-096	~5 <5	<2	1090	<.2	110	80	19	4.31	20 <10	0.12	595	- 64 56	12		
	IHS-097	<5	<2	1090	<,2	48	60			<10		595 620			20	146
653	IHS-098	<5	<2	1100	< 2	40	60 60	15 18	3.3 3.84	<10	0.12 0.15	605	36 36	<2 6	10	88
	IHS-099	<5	<2	1280	<,2	32	90	26	4.47	<10	0.15	305	36 34	2	<10 <10	80 94
655		<5	<2	430	< 2	32 26		20 40	3.25	10	0.09	1405	.34 10	2	<10	94 40
656		<5	<2	390	<.2	20	110	36	2.44	10	0.08	1815	10	<2	<10	40 18
657	IHS-0102	<5	<2	310	<.2	10	100	25	1.79	10	0.06	1045	8	<2	<10	16
658		<5	<2	600	< 2	158	190	76	4	30	0.11	1435	212	4	<10	170
659		<5	<2	400	< 2	292	180	44	2.82	30	0.06	990	294	8	<10	174
660		<5	<2	330	<.2	74	80	33	2.25	30	0.05	235	40	2	<10	64
661		<5	<2	350	<.2	150	170	34	1.94	40	0.05	1085	98	6	<10	68
662		<5	~2	630	<.2	20	140	43	2.7	10	0.1	210	30	<2	<10	114
663		<Š	<2	370	<.2	28	70	32	1.9	10	0.05	445	44	<2	<10	96
664	(HS-0109	<5	<2	250	<.2	44	80	22	1.51	<10	0.03	485	66	2	<10	56
665	IHS-0110	<5	<2	370	< 2	90	180	38	2.9	10	0.06	2520	58	8	<10	82
666		<5	<2	350	<.2	78	190	42	2.75	10	0.07	1545	54	6	<10	108
667	IH\$-0112	<5	<2	370	<.2	110	350	45	3.17	<10	0.09	2350	98	6	<10	176
668	IHS-0113	<5	<2	480	<.2	70	250	47	3,78	10	0.14	2280	84	6	<10	186
669	IHS-0114	<5	<2	400	<.2	98	310	50	2.95	20	0.1	1965	92	2	<10	238
670	IHS-0115	<5	<2	380	<.2	162	220	50	3.11	10	0.13	2260	156	8	<10	352
671	IHS-0116	<5	<2	330	<.2	612	290	59	2.81	30	0.13	2000	174	26	<10	428
672	IHS-0117	10	5	410	< 2	2180	470	119	5.06	60	0.13	2760	184	366	<10	450
673	IHS-0118	10	2	480	<.2	2040	610	79	4.82	50	0.15	2720	204	438	<10	558
674	IHS-0119	<5	<2	520	<.2	608	380	40	3.59	40	0.27	1045	192	50	<10	570
675		<5	<2	550	<.2	392	430	47	3.48	20	0.14	1530	122	42	<10	376
676		<5	<2	580	<.2	134	390	53	3.65	30	0.65	2070	118	14	<10	358
677		<5	<2	520	<.2	132	230	56	3.5	10	0.1	1880	102	6	<10	242
678		<5	2	500	<.2	218	260	52	3.69	20	0.13	1640	154	16	<10	368
	IHS-0124	<5	<2	490	<.2	154	320	63	4.26	10	0.18	2200	152	10	<10	410
680	IHS-0125	<5	<2	530	<.2	372	440	53	3.93	20	0.15	2480	136	22	<10	498

Appendix 8 Geochemical Data of Soil Sample in Mae Kanai Area

10

 $\langle \rangle$

 $\langle \rangle$

8 E 0 0 0 0 0 0 0 0 4 0 0 0 0 0 0 S S S 2 2 S S S S S S S 2 S S B B Para Contraction C SAMPLE DESCRIPTION **NW-1** MW-2 MW-3 MW-5 MY-5 MX-1 MX-2 MX-2 MX-3 MX-4 MX-6 MY-2 MY-3 MΥ-5 MY-1 MY4

Appendix 9 Result of Ore Assay

Ň

(

A DECEMPTOR OF STREET

(

Mn	ppm								1					5.9 4110								>100000																	1	1	1	- >10000			- 0
e L	X													ŝ			1							1			1				-	1									1				>20.0
×	ppm	<u>ر</u> 2	\$	\$	2	<2	2	3	\$	₹	3	ß	<2	\$	3	36	<2	<2	<2	<2	<2	<2	<2	<2	2	6	<2	<2	2	<2	<2	<2	4	<2	3	14	135	\$	3	\$	<2	130	22	<2	27
Sn	ppm [<2	2	2	80	2	>1000	2	2	2	3	2	<2	3	3	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2	<2	<2	19	<2	<2	<2	<2	6	<2	<2]	<2	2	<2	<2	<2	2	25	<2	\$
еs S	ppm	650	8	96	210	134	670	22	3.2	0.8	17.5	10	13	72	106	8.6	7.8	1.6	3.8	2.4	23	6.8	5	2.2	32	200	2.8	2.4	>1000.	46	4	490	2	70	3.4	16	>1000	1.8	21	117	88	. 36	450	8	70
As	ppm	7	132	417	670	9	>10000	3240	28	100	150	36	208	245	358	62	51	41	8	164	234	23	94	25	75	88	69	21	>10000	141	12	369	12	1190	8	627	340	12	244	60	1100	93	>10000	77	24
Ag	g/t	209	32.4	3.5	26	37	135	0.4	0.2	<.2	13.6	1.9	<.2	0.8	40	<.2	<.2	2.3	0.7	2.7	1	88	0.4	<.2	<.2	<u>~</u> 2	0.7	0.6	6.6	5.5	1	1	0.8	1.7	<.2	5	11	0.8	0.2	0.2	0.3	<.2	1.3	0.6	$\langle 2 \rangle$
uΖ	ppm (%)	066	138	3400	1370	188	1.53%	4	1100	202	~	243	1400	82	2350	115	373	570	4	142	200	242	82	23	188	48	4400	2200	29	4200	3400	3800	51	115	36	5200	106	2020	1540	3400	2500	126	53	1.51%	29
	ppm (%)		28	7500	3.68%	16.80%	8.15%	3	26	4	530	530	13	28	5700	32	105	20	24	340	93	58	26	43	360	13	68	20	2.14%	9600	172	880	54	820	41	49	840	75	840	365	340	29	3450	188	151
-+	(%) mqq	<u> </u>	970	406	3.61%	162	1030	7	45	92	38	59	62	160	210	25	50	17	11	72	21	430	15	15	38	12	205	102	23	117	96	214	2	32	7	149	1450	463	102	80	144	18	69	80	20
٨u	dqq	35	15	<5	<5	<5	<5	<5	<5	\$5	25	<5	<5	\$5	65	<5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5 5	<5	<5	225	<5	<5	<5	<5	740	<5	<5	<5	25	<5	<5	35	<5	70	<5	<5
Locality		North of Dong Noi		Huai Mae Pan(I-3)			I-4 area	Huai Mae Hu		Mae La Noi	Ban Ton Ngiu	Ban Ton Ngiu	Ban Ton Ngiu	Dong Noi area (Y3-35m)	Dong Noi area	1-4 area	SE of Ban Mae Kanai	Huai Hat Ta Lan	Huai Hat Ta Lan	SW of Ban Mae Ho	NW of Ban Rong Ku	Ban Rong Ku	Ban Pha Deang	Ban Pha Deang	Dong Noi area		Ban Khun Mae Kanai	Ban Khun Mae Kanai	1-4 area	Ban Khun Mae Kanai	Ban Khun Mae Kanai	Ban Huai Ngu	N of Ban Huai Pu	Huai Mae Pan(I-3 area)		Chamrat Barite Mine		Ban Haui Pu	Huai Hat Ta Lan	Huai Hat Ta Lan	Ban Huai Ngu	I-4 area	I-4 area	E of Ban Khun Mae Kanai	S of Doi Thung Lum Phu
Description		galena ore float	silicified shale with sulphide	barite-quartz vein with galena	barite-quartz vein with galena. chalco	galena-quartz vein	quartz vein with sulphide	quartz vein with sulphide	gossan float	gossan float	quartz vein with sulphide (float)	quartz vein with sulphide (float)	l gossan float	magnetite diss sandstone	gossan float	calcareous sediments	hematite-quartz vein in slate	gossan float	quartz-barite vein	graphite-quartz vein	gossan float (calcareous)	quartz-manganese vein	gossan float (calcareous)	gossan float (calcareous)	gossan float (calcareous)	magnetite ore float (float)	gossan	iron oxides stained on shale	sulphide nework vein in silicified rock	gossan float	gossan float	gossan float	quartz vein with sulphide	quartz vein with sulphide	barite vein float	barite vein float	quartz-copper oxide vein	quartz-barite-galena vein float	gossan float	gossan float	gossan float	sulphide dissminated sandsone	silicified rock with galena, arsenopyrite	gossan float	magnetite ore float
Ser No. Sample No		AR-001	AR-003	AR-005	AR-006	AR-007	AR-010	AR-018	AR-020	AR-024	AR-027	AR-028	AR-029	AR-036	AR-038	AR-041	AR-042	BR-012	BR-013	BR-020	BR-021	BR-022	BR-027	BR-028	BR-034	BR-035	BR-036	BR-037	BR-043	BR-050	BR-051	BR-057	CR-008	DR-006	DR-009	DR-010	DR-011	DR-012	DR-029	DR-030	DR-031	DR-032	ER-001	FR-017	HR-004
Ser No.		-	5	e	4	5	9	2	ω	σ	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	.26	27	28		30	31	32			35	36	37	38	39	40	41	42	43	44

Appendix 10 Result of Stable Isotope Analysis

80

 $\langle \rangle$

j }

	Sp. No.	Description	Locality	δ ¹³ C _{PDB} (% ₀)	δ ¹³ C _{PDB} (%o) δ ¹⁸ O _{PDB} (%o) δ ¹⁸ O _{SMOW} (%o)	& ¹⁸ O _{SMOW} (%)
-	AR-011	AR-011 muddy limstone, honfelsic	Pha Deang, Mae Sod mine	+1.4	-12.3	+18.2
2		AR-013 muddy limstone	Pha Deang, Hua Long mine	6.0+	-10.0	+20.6
3		AR-015 grey recrystalline limestone	Tak Mining	+2.0	-6.2	+24.5
4		AR-009 beside of barite vein, white massive limestone	Chamrat barite mine	-2.1	-22.0	+8.2
Ś	i	AR-033 grey recrystalline massive limestone	Dong Noi area	-1.3	-14.1	+16.3
0		BR-032 light green banded marble	Dong Noi area	+1.0	-15.3	+15.1
-	AR-041	AR-041 recrystallized calcite in cavity	1-4 area	-4.1	-5.8	+24.9
ŝ	BR047	BR-047 dark grey banded limestone	I-4 area	-2.5	-13.0	+17.5
6		DR-028 light brown banded marble	-4 area	-2.9	-11.1	+19.4

Appendix 11 Homogenized Temperature and Salinity of Fluid Inclusion

Ę

ĺ

.

10 10<	Mineral
035 035 <td>161 160 152 159</td>	161 160 152 159
13 10 15 14 13 13 14 13 13 14 10 13<	0.18 0.53 0.18 0.53
192 192 1551 184 151 184 151 184 151 184 183 152 152 152 152 152 153 <td>148 142 152 147</td>	148 142 152 147
13 156 147 151 148 146 144 146	19.76 19.60 17.6
2000 2182 2183 2244 2253 2273 2273 2273 2273 2274 2182 2194 195 1194 195 2163 2164 2163 2	143 137 136 124
10 11 10 11 10<	22.44 22.10 21.68 22.31
1.05 2.74 4.18 3.71 1.33 601 4.80 2.74 3.26 3.80 4.45 4.16 4.49 4.18 3.00 2.07 1.27 1.04 1.32 1.18 1.22 1.16 1.25 1.16 1.25 1.16 1.27 1.04 1.17 1.27 1.04 1.27 1.04 1.17 1.27 1.24 1.57 1.11 1.57 1.11 1.17 1.18 3.00 2.07 3.01 3.0	175 148 159 162
12104123118123104123104123104115104115104105	4.80 4.34 4.18 2.74
2.41 2.90 2.24 2.57 1.40 2.24 1.57 <th< td=""><td>144 128 108 113</td></th<>	144 128 108 113
2.3 2.3 2.3 1.3 1.3 1.3 1.3 1.3 1.3 2.2 1.3 1.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 3.3 <td>2.74 2.24 2.07</td>	2.74 2.24 2.07
257 418 339 403 3.71 3.77 3.79 3.77 3.71 3.77 3.73 3.71 4.03 3.71 4.03 3.71 4.03 3.71 4.03 3.71 4.03 3.71 3.71 4.03 3.71 3.25 3.27 3.28 3.23 4.49 2.41 1.40 1.05 1.60 1.65 1.60 1.67 1.52 2.24 3.06 2.83 2.71 2.90 3.87 3.87 3.87 2.11 1.13 121 1.04 1.05 1.61 1.13 1.21 1.01 1.01 1.10 1.11 1.12 1.11 1.12 1.11 1.12 1.11 1.12 1.11 1.12 1.11 1.10 1.12 1.14 1.2	226 132 174 223
1501621441521711781381401631451451531551551551551551551541561571571571571571561571571571571571571571571571571571571571571571593663661571572543062572583672582572582572582572582572582572582572582572582572582572582572582565566.072732572582565665725825825656826457126616716710210210311111211312110410710012213312612310210210310310310410311111212112	2.07 4.18 4.03 3.71
3.23 4.49 2.41 2.90 4.49 4.34 1.40 1.57 1.57 2.24 3.06 3.06 1.57 1.57 2.84 3.06 3.06 3.07 3.17 1.91 3.87 1.91 3.87 1.91 3.87 1.91 3.87 1.91 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 3.87 2.84 2.84 2.84 2.84 3.87 2.84 <th< td=""><td>139 142 140 132</td></th<>	139 142 140 132
217 306 231 243 233 244 536 236 <td>1.23 3.23 2.90 2.90</td>	1.23 3.23 2.90 2.90
4.96 4.90 6.01 6.16 5.41 5.26 4.18 4.96 4.34 5.41 5.11 5.12 5.26 6.16 6.74 6.01 5.56 135 117 113 121 104 107 100 129 135 110 121 133 126 123 102 7 <td>312 301 285 282</td>	312 301 285 282
131 135 117 113 121 103 135 107 103 <td>6.16 5.26 4.80 5.56</td>	6.16 5.26 4.80 5.56
	Sobratecties 102 122 111 101
116 108 118 104 103 111 124 122 111 110 102 106 104 103 111 124 122 111 110 102 106 104 103 111 112 100 102 106 104 103 113 147 106 123 137 107 113 147 106 121 117 108 106 104 133 121 109 113 147 106 113 147 106 123 147 106 123 147 106 133 147 106 133 146 106 123 147 106 113 107 103 147 106 123 166.4 126 123 166.4 126 123 166.4 123 107 113 106 121 106 121 106 121 106 121 166.3 166.3 166.3 <	12.15 13.29 13.18 14.25
4.03 4.65 5.86 6.88 7.17 7.02 5.11 1.21 1.27 1.37 1.07 1.37 1.07 1.37 1.07 1.37 1.07 1.13 1.47 1.06 1.21 1.37 1.07 1.13 1.47 1.06 1.21 1.07 1.13 1.47 1.06 1.21 1.06 1.21 1.06 1.21 1.06 1.21 1.07 1.13 1.47 1.06 1.21 1.06 <th< td=""><td>Schalerie 120 125 121 113</td></th<>	Schalerie 120 125 121 113
117 108 106 104 133 121 109 139 114 123 125 141 126 137 107 113 143 166 121 16.62 17.08 21.75 18.38 18.80 17.96 16.89 14.46 15.37 14.67 21.26 14.77 15.17 19.05 16.34 16.64 18.04 241 236 224 264 242 248 235 263 211 226 238 241 253 211 256 231 256 233 211 256 233 211 256 231 256 233 211 256 233 233 233 234 18.06 15.47 18.05 18.36 18.36 15.47 15.47 17.79 15.56 231 256 233 211 256 233 211 256 233 211 256 233 211 256 233 213 18.06 17.17 15.77 18.07 18.07 18.04 18.06 18.06	5.26 6.16 6.59
16.82 17.08 21.75 18.38 18.80 17.96 16.89 14.46 15.37 14.67 21.26 15.17 19.05 16.34 18.34 18.04 241 236 224 264 244 235 263 211 226 238 241 253 234 15.47 17.79 15.26 238 241 256 253 233 233 233 233 233 233 233 234 15.47 17.79 15.26 13.37 16.34 15.47 17.79 12.56 13.47 17.56 13.54 15.47 17.79 12.56 13.47 17.56 13.54 17.47 13.56 13.47 13.56 13.47 13.56 13.47 13.54 14.67 13.56 14.67 13.54 15.47 15.47 17.79 12.57	107 136 127 119
241 236 224 264 244 248 235 263 211 226 238 241 253 233 274 15.21 13.34 17.17 15.76 14.67 18.80 15.84 15.47 16.53 15.47 15.47 15.47 15.47 15.47 17.79 12.85 13.64 14.77 15.47 15.47 15.47 15.47 15.47 15.47 15.47 17.79 12.85 13.64 14.77 13.894 16.15 16.53 16.54 17.79 12.85 13.64 18.47 13.84 16.54 17.79 12.85 13.64 14.77 13.863 16.15	17.96 18.04 22.44 19.68 16.34
15.27 13.34 17.17 15.76 14.67 13.29 16.34 18.80 12.96 13.94 15.47 16.53 15.47 17.79 12.85 13.62 13.18 16.62 14.97 14.77 13.63 16.15	255 237 248 221
	16.71 14.04 14.67 13.51

Lower: salinity unit: wt% NaCl equivalent

•

Profile of Test Pit No.1

: هد

 $\left(\right)$

 $\langle \rangle$

1

scale 1/25

Depth (m)	Column	Description	Sample No. (sieve #)	Zn ppm	Cu ppn	Pb n ppm
0.4		reddish brown sandy silt~clay with abundant plant roots no float is contained.				
1.0			P11(#60) P12(#80) P13(#120)	461	1200	13400 12200 11000
2.0		reddish brown sandy silt~clay including various kinds of floats quartz, barite $(\phi 3-7 \text{ cm})$ massive magnetite, massive pyrite $(\phi 3-5 \text{ cm})$ calc-silicate rocks rich in epidote	P14(#60) P15(#80) P16(#120)	381	1208 1188 1171	8200 8800 600
3.0		(φ10–20 cm)	P17(#60) P18(#80) P19(#120)	332 326 374	1283	3200 3600 3200

Profile of Test Pit No.2

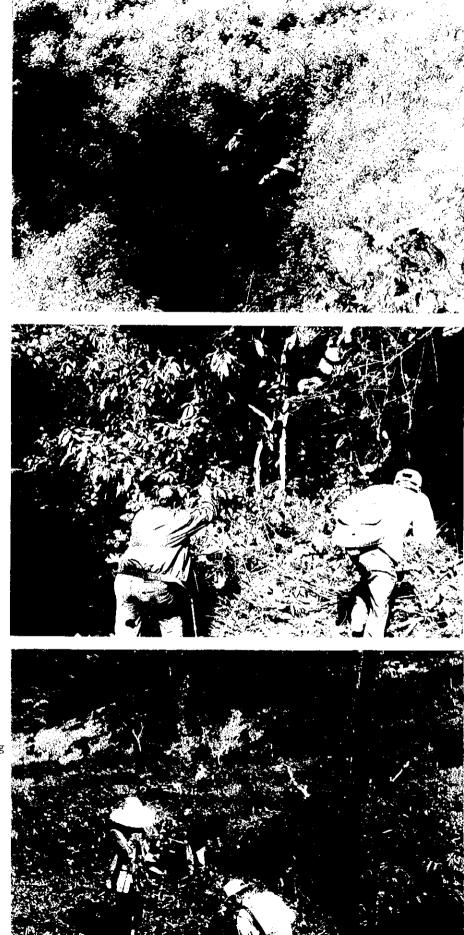
scale 1/25

Depth (m)	Column	Description	Sample No. (sieve #)	Zn	Cu ppm	Pb ppm
0.4		reddish brown sandy silt~clay with abundant plant roots quartz floats rich at bottom (φ5-30 cm)				
0.65		reddish brown sandy silt~clay	P21(#60) P22(#80) P23(#120)	826 732 826	1333 1196 <u>1279</u>	13600
1.0		rich in quartz floats ϕ 3–5 cm, about 10% in volume	P24(#60) P25(#80) P26(#120)	597 655 710	958	17800 18200 22000
2.0		reddish brown sandy silt \sim clay including abundant brown strong weathered micaceous sandstone (ϕ 5~40 cm, more than 50%), partly stained by network of iron oxide.	P27(#60) P28(#80) P29(#120)	429 461 448	1508 1625 1513	5200 6400 4600

Appendix 13 Photograph of Orientation Survey and Test Pits 1,2 (1)

Orientation survey at the Dong Noi Area

Base line surveying



Base line surveying

Geochemical soil sampling

Appendix 13 Photograph of Orientation Survey and Test Pits 1,2 (2)

Orientation survey at the Dong Noi Area

Geochemical soil sampling



Appendix 13 Photograph of Orientation Survey and Test Pits 1,2 (4)



Geochemical soil sampling

Appendix 13 Photograph of Orientation Survey and Test Pits 1,2 (3)

12

Orientation survey at the Dong Noi Area

Test pit survey (Test pit No.1)



Test pit survey (Test pit No.1) .

> Test pit survey (Test pit No.1)

Orientation survey at the Dong Noi Area

Test pit survey (Test pit No.2)



Test pit survey (Test pit No.2)

Geochemical soil sampling (Test pit No.2)

Appendix 13 Photograph of Orientation Survey and Test Pits 1,2 (5)

Orientation survey at the I-3 Area

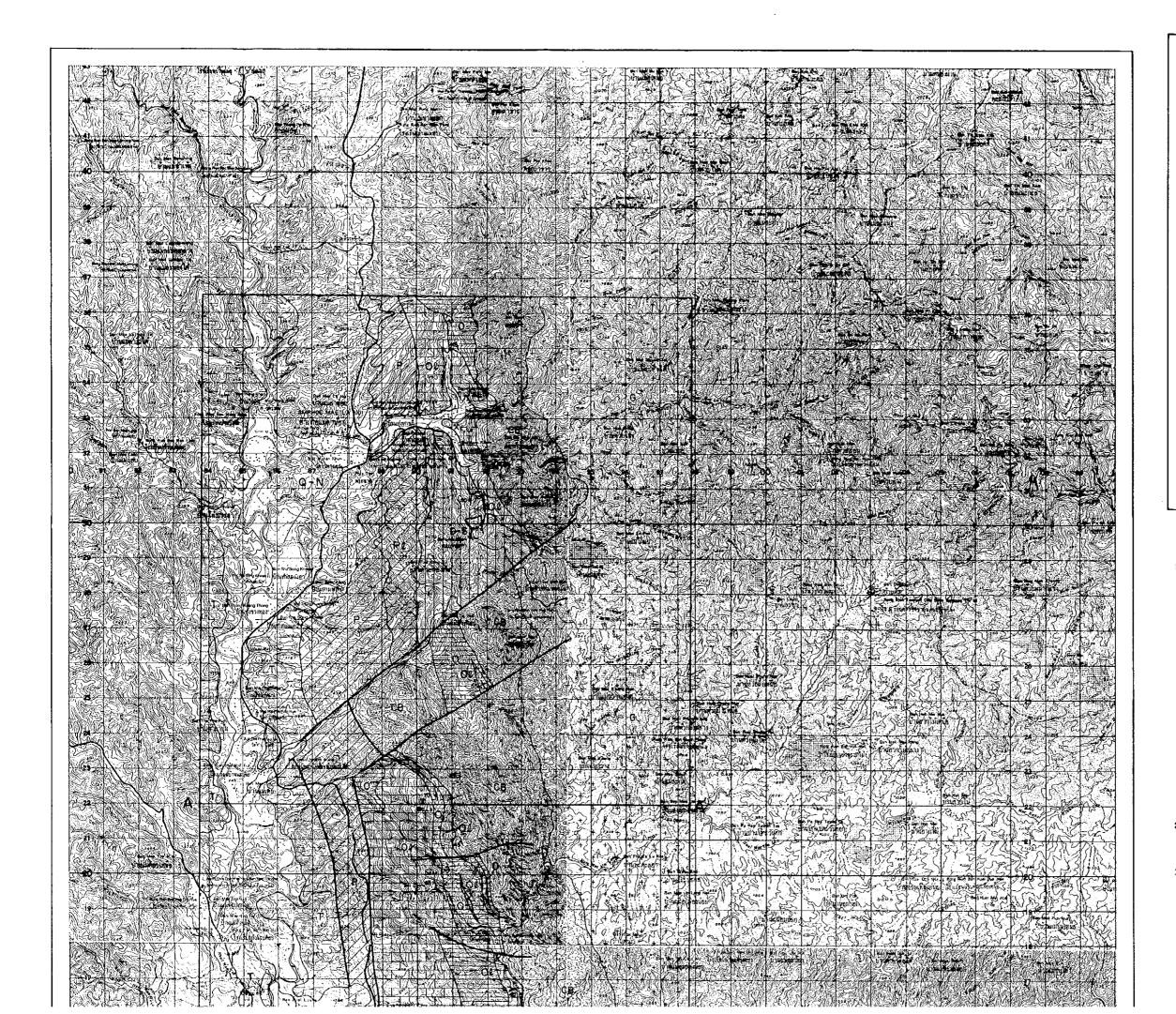
Stream sediments sampling (60 mesh sieve)

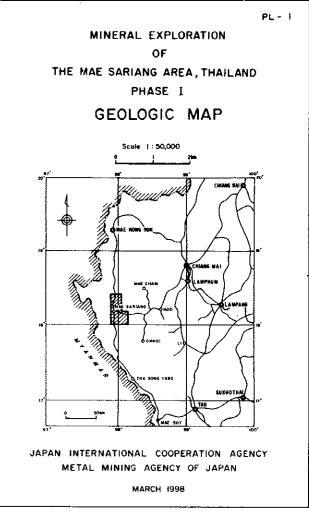


Stream sediments sampling (80 mesh sieve)

Stream sediments sampling (120 mesh sieve)

.

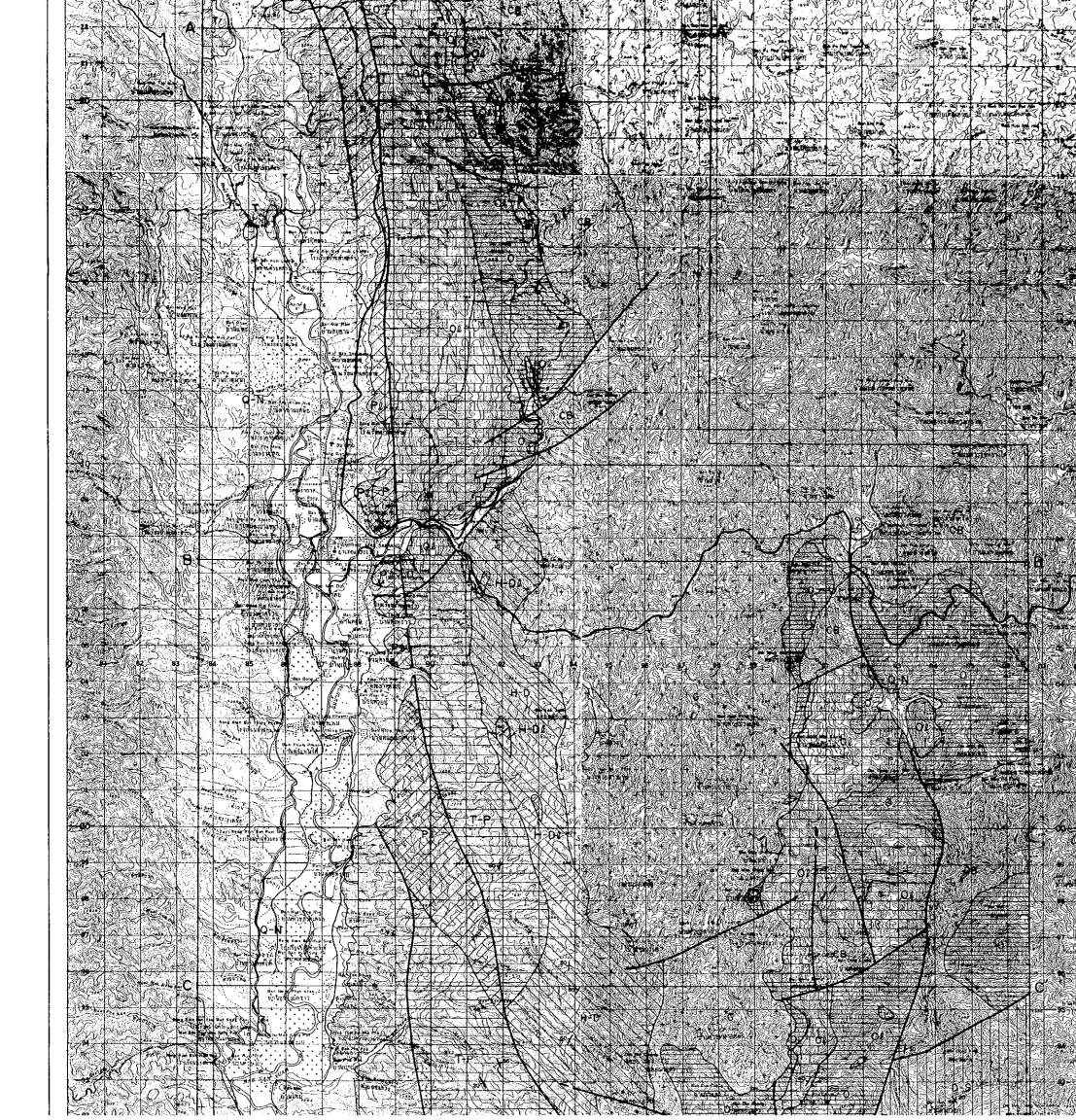




LEGEND

1 Sedimentary rocks Q-N gravel/sand, conglomerate/sandstone, Quaternary – Neoger Triassic Triassic - Permian T-P shale, chert, sandstone shale, sandstone, chert Permian - Pl limestone H-D shale, sandstone Carboniferous -Devonion - 🕅 H-D L limestone Devonian -Silurian D-S shale, sandstone Imestone Ordovicio O shale CB sandstone (quartz arenite) Combrion 2 Igneous rocks $\begin{bmatrix} 1 & 1 & + \\ + & + \end{bmatrix}$ G biotite granite Triassic 3 Geologic symbols Foult 👍 Strike and dip X Mine (active) X Mine (inactive) Bo Barite

Ls Limestone



		0	snale						
Combrian		СВ	sandstone (quartz arenite)						
2 Igneous rocks	;								
Triassic	+ + + + + + + + + + + + + + + + + + + +	G	biotite granite						
3 Geologic symbols									
	/	Foult							
Strike and dip									
X Mine (active)									
	X	Mine	(inactive)						
		E	3a Barite						
		ι	_s Limestone						
		F	F Fluorite						
••									

