

Ser No	Sample No.	Au (ppm)	Ag (ppm)	As (ppm)	Sb (ppm)	Hg (ppb)	Mn (ppm)	Ser No	Sample No.	Au (ppm)	Ag (ppm)	As (ppm)	Sb (ppm)	Hg (ppb)	Mn (ppm)
81	HK0519	tr.	tr.	3.1	3.7	tr.	7	121	JK0520	0.1	tr.	tr.	4.8	tr.	4
82	HK0520	tr.	tr.	4.1	tr.	tr.	9	122	JK0521	tr.	tr.	tr.	5.6	tr.	5
83	HK0521	0.1	tr.	5.9	tr.	49	30	123	JK0522	0.1	tr.	tr.	5.8	tr.	5
84	HK0522	tr.	tr.	4.8	12.0	tr.	10	124	JK0523	tr.	tr.	tr.	tr.	37	5
85	HK0523	0.1	tr.	1.4	tr.	25	10	125	JK0524	tr.	tr.	tr.	4.0	131	7
86	HK0524	tr.	tr.	11.9	tr.	92	4	126	JK0525	0.1	0.9	tr.	tr.	28	9
87	HK0525	tr.	tr.	3.4	tr.	tr.	5	127	JK0526	tr.	tr.	3.7	11.5	38	7
88	HK0526	tr.	tr.	2.0	tr.	tr.	7	128	JK0527	tr.	tr.	9.2	tr.	tr.	4
89	HK0527	tr.	tr.	9.5	tr.	58	6	129	JK0528	0.1	tr.	7.5	tr.	tr.	5
90	HK0528	0.1	tr.	4.8	3.2	tr.	5	130	PK0501	tr.	tr.	tr.	tr.	66	21
91	HK0529	tr.	tr.	4.4	tr.	tr.	6	131	PK0502	tr.	tr.	tr.	14.1	tr.	17
92	HK0530	tr.	tr.	2.3	tr.	25	6	132	PK0503	tr.	0.9	tr.	17.4	tr.	16
93	HK0531	0.1	tr.	3.7	tr.	tr.	101	133	PK0504	0.1	tr.	tr.	2.1	tr.	26
94	HK0532	tr.	tr.	1.7	2.2	312	10	134	PK0505	tr.	tr.	tr.	tr.	32	16
95	HK0533	0.1	tr.	tr.	tr.	tr.	5	135	PK0506	tr.	0.4	8.3	64.9	134	20
96	HK0534	tr.	tr.	12.3	8.8	94	13	136	PK0507	tr.	tr.	3.3	11.8	33	17
97	HK0535	tr.	tr.	4.4	7.5	119	34	137	PK0508	tr.	tr.	12.7	8.6	tr.	20
98	HK0536	0.1	tr.	4.8	0.7	35	5	138	PK0509	tr.	tr.	1.7	2.1	tr.	38
99	HK0537	0.1	tr.	7.5	tr.	84	8	139	PK0510	tr.	tr.	1.3	0.7	tr.	32
100	HK0538	tr.	tr.	tr.	tr.	26	5	140	PK0511	tr.	tr.	12.0	tr.	tr.	50
101	HK0539	tr.	tr.	2.2	0.6	83	23	141	PK0512	tr.	tr.	tr.	5.6	tr.	33
102	JK0501	0.1	tr.	5.8	tr.	tr.	23	142	PK0513	tr.	tr.	1.0	11.4	58	27
103	JK0502	0.1	tr.	9.2	5.3	37	21	143	PK0514	0.3	tr.	tr.	5.6	62	18
104	JK0503	0.1	tr.	3.4	1.0	tr.	11	144	PK0515	tr.	0.5	tr.	7.4	tr.	8
105	JK0504	0.1	tr.	12.3	2.2	54	7	145	PK0516	tr.	tr.	tr.	tr.	tr.	6
106	JK0505	0.1	tr.	8.5	1.7	85	10	146	PK0517	tr.	tr.	tr.	tr.	tr.	4
107	JK0506	0.1	tr.	13.3	0.8	tr.	12	147	PK0518	0.1	tr.	tr.	tr.	tr.	4
108	JK0507	0.1	tr.	3.1	3.0	153	14	148	PK0519	tr.	tr.	1.3	8.6	tr.	3
109	JK0508	0.1	tr.	8.2	8.0	34	18	149	PK0520	tr.	1.2	1.7	3.2	tr.	5
110	JK0509	0.1	tr.	1.7	7.3	tr.	39	150	PK0521	tr.	1.2	tr.	tr.	57	6
111	JK0510	0.1	tr.	tr.	tr.	tr.	29	151	PK0522	0.1	1.4	1.0	1.6	tr.	5
112	JK0511	0.1	tr.	2.0	tr.	tr.	5	152	PK0523	0.1	1.1	5.3	tr.	tr.	5
113	JK0512	0.1	tr.	1.7	tr.	tr.	5	153	PK0524	tr.	0.2	tr.	3.5	tr.	5
114	JK0513	0.1	tr.	10.2	8.0	231	29	154	PK0525	0.1	0.5	1.7	8.1	tr.	8
115	JK0514	tr.	tr.	1.7	0.8	tr.	10	155	PK0526	0.1	0.5	tr.	tr.	69	7
116	JK0515	0.1	tr.	1.4	0.5	87	10	156	PK0527	tr.	0.7	2.7	3.7	110	11
117	JK0516	tr.	tr.	2.4	tr.	45	4	157	PK0528	tr.	0.3	10.3	1.6	tr.	4
118	JK0517	0.1	tr.	2.7	0.7	tr.	17	158	PK0529	0.1	0.3	tr.	5.3	tr.	7
119	JK0518	0.1	tr.	2.7	0.7	49	6	159	PK0530	tr.	0.1	2.3	10.4	tr.	7
120	JK0519	tr.	tr.	1.7	5.3	tr.	4	160	PK0531	tr.	0.4	92.3	7.2	tr.	5

Ser. No.	Sample No.	Au (ppm)	Ag (ppm)	As (ppm)	Sb (ppm)	Hg (ppb)	Mn (ppm)
161	PK0532	0.1	0.3	tr.	4.4	73	34
162	PK0533	tr.	tr.	tr.	13.9	tr.	4
163	PK0534	0.1	tr.	tr.	6.7	tr.	4
164	PK0536	0.1	0.2	tr.	0.9	tr.	6
165	PK0537	0.1	0.1	1.7	12.8	tr.	4
166	PK0538	0.1	0.2	tr.	12.3	tr.	7

付表3 岩石地化学試料分析結果一覧表(日本における分析)

Ser. No.	Sample No.	Au(ppm)	Ag(ppm)	Ser. No.	Sample No.	Au(ppm)	Ag(ppm)
1	AK0502	0.00	0.2	46	PK0503	0.00	0.1
2	AK0503	0.00	0.1	47	PK0514	0.00	0.1
3	AK0504	0.00	0.0	48	PK0539	0.00	0.0
4	AK0505	0.00	0.0	49	PK0540	0.00	0.1
5	AK0512	0.00	0.1	50	PK0541	0.00	0.1
6	AK0514	0.00	0.1	51	PK0542	0.00	0.1
7	AK0515	0.00	0.1	52	PK0543	0.00	0.1
8	AK0579	0.00	0.1	53	PK0544	0.00	0.1
9	AK0580	0.00	0.1	54	PK0545	0.00	0.1
10	AK0581	0.00	0.2	55	PK0546	0.00	0.1
11	AK0582	0.00	0.1	56	PK0547	0.00	0.1
12	AK0583	0.00	0.1	57	PK0548	0.00	0.1
13	AK0584	0.00	0.1	58	PK0549	0.00	0.1
14	AK0585	0.00	0.1	59	PK0550	0.00	0.0
15	AK0586	0.00	0.1	60	PK0551	0.00	0.1
16	AK0587	0.00	0.1	61	PK0552	0.00	0.0
17	AK0588	0.00	0.1	62	PK0569	0.00	0.1
18	AK0589	0.00	0.0	63	PK0574	0.00	0.1
19	AK0590	0.00	0.1	64	PK0575	0.00	0.0
20	AK0591	0.00	0.1	65	PK0576	0.00	0.1
21	AK0592	0.00	0.1	66	PK0577	0.00	0.1
22	DK0515	0.00	0.1	67	PK0578	0.00	0.2
23	DK0519	0.00	0.0	68	PK0579	0.00	0.1
24	DK0527	0.00	0.0	69	PK0580	0.00	0.1
25	DK0554	0.00	0.1	70	PK0581	0.00	0.1
26	HK0540	0.00	0.1	71	PK0582	0.00	0.1
27	HK0544	0.00	0.1	72	PK0583	0.00	0.1
28	HK0556	0.00	0.1	73	PK0584	0.00	0.1
29	HK0560	0.00	0.1	74	PK0585	0.00	0.1
30	HK0561	0.00	0.1	75	PK0586	0.00	0.1
31	HK0562	0.00	0.0	76	PK0587	0.00	0.1
32	HK0563	0.00	0.1	77	PK0588	0.00	0.2
33	HK0564	0.00	0.0	78	PK0589	0.00	0.1
34	HK0565	0.00	0.1	79	PK0590	0.00	0.1
35	JK0581	0.00	0.1	80	PK0591	0.00	0.1
36	JK0529	0.00	0.1	81	PK0595	0.00	0.1
37	JK0576	0.00	0.1	82	PK0596	0.00	0.1
38	JK0577	0.00	0.1	83	PK0597	0.00	0.1
39	JK0578	0.00	0.0	84	PK0598	0.00	0.1
40	JK0579	0.00	0.1	85	PK0599	0.00	0.1
41	JK0580	0.00	0.0	86	PK0600	0.00	0.1
42	JK0582	0.00	0.1	87	PK0601	0.00	0.1
43	JK0583	0.00	0.2	88	PK0602	0.00	0.1
44	JK0584	0.00	0.1	89	PK0603	0.00	0.1
45	PK0502	0.00	0.1				

付表4 シニィ川地区土地化学試料分析結果一覧表

Ser No.	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser No.	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
1	SYL0101	13.7	1.0	6.0	73	0.1	tr.	41	SYL0305	35.1	0.1	16	473	0.1	tr.
2	SYL0102	6.5	0.4	7	40	0.1	tr.	42	SYL0306	39.7	0.3	12	503	0.1	tr.
3	SYL0103	7.0	0.2	11	161	0.1	tr.	43	SYL0307	31.9	0.1	5	248	0.1	tr.
4	SYL0104	10.7	0.5	11	246	0.6	tr.	44	SYL0308	34.8	0.4	7	368	0.1	0.5
5	SYL0105	15.0	0.1	27	143	tr.	tr.	45	SYL0309	27.0	0.2	5	273	0.1	0.5
6	SYL0106	6.1	0.5	29	117	tr.	tr.	46	SYL0310	8.1	0.4	5	212	0.1	tr.
7	SYL0107	18.5	0.2	8	209	tr.	tr.	47	SYL0311	9.8	0.3	3	183	0.1	2.3
8	SYL0108	13.7	0.5	5	140	0.1	2.1	48	SYL0312	9.4	0.6	6	104	0.1	2.3
9	SYL0109	3.3	0.5	6	129	0.1	1.1	49	SYL0313	2.9	0.5	38	77	0.1	2.4
10	SYL0110	2.6	0.9	8	105	0.1	3.8	50	SYL0314	4.9	0.7	7	51	0.1	tr.
11	SYL0111	2.3	0.4	8	92	tr.	0.8	51	SYL0315	2.0	0.8	8	44	0.1	5.4
12	SYL0112	3.9	0.7	9	105	0.1	0.2	52	SYL0316	3.3	0.7	24	41	0.1	tr.
13	SYL0113	2.9	0.6	5	106	0.1	2.6	53	SYL0317	6.2	0.6	9	58	0.2	tr.
14	SYL0114	7.8	0.9	6	80	0.1	tr.	54	SYL0318	10.4	0.6	8	52	0.1	tr.
15	SYL0115	3.3	0.7	16	91	0.1	tr.	55	SYL0351	12.0	0.9	176	91	0.1	tr.
16	SYL0201	13.7	1.3	9	161	0.1	1.4	56	SYL0352	42.8	0.4	17	139	0.1	tr.
17	SYL0202	9.4	0.6	8	103	0.1	tr.	57	SYL0353	9.6	1.0	7	63	0.1	tr.
18	SYL0203	7.5	0.6	17	119	tr.	0.9	58	SYL0354	13.5	1.5	5	66	0.1	tr.
19	SYL0204	16.3	0.2	5	138	0.1	2.0	59	SYL0355	tr.	0.6	5	377	0.1	tr.
20	SYL0205	37.1	0.3	8	315	0.1	0.9	60	SYL0356	7.7	0.9	50	72	0.1	tr.
21	SYL0206	15.6	0.2	34	246	0.1	tr.	61	SYL0357	tr.	0.7	21	52	0.1	0.2
22	SYL0207	3.3	0.2	25	297	0.1	4.2	62	SYL0358	6.6	0.7	7	52	0.1	tr.
23	SYL0208	4.9	0.4	3	165	0.1	6.2	63	SYL0359	tr.	0.7	4	37	0.2	8.5
24	SYL0209	7.5	1.1	5	135	0.1	tr.	64	SYL0360	tr.	0.5	5	53	0.1	5.7
25	SYL0210	6.2	0.9	14	97	0.2	3.2	65	SYL0361	tr.	0.5	4	42	0.1	3.6
26	SYL0211	3.9	0.6	5	82	0.1	0.5	66	SYL0362	8.5	0.6	4	30	0.1	3.8
27	SYL0212	6.2	1.1	6	121	0.2	4.8	67	SYL0363	10.0	0.6	7	86	0.2	2.4
28	SYL0213	6.5	0.6	4	98	0.1	1.7	68	SYL0401	15.0	0.5	10	310	0.1	1.1
29	SYL0214	6.5	0.9	8	68	0.1	16.8	69	SYL0402	16.2	0.8	6	449	0.1	3.5
30	SYL0215	3.3	0.9	29	59	0.1	5.3	70	SYL0403	17.7	1.6	6	316	0.1	2.6
31	SYL0216	tr.	0.7	12	46	0.1	2.4	71	SYL0404	23.9	0.1	4	254	tr.	3.5
32	SYL0217	9.8	0.4	20	64	0.2	3.5	72	SYL0405	20.4	0.5	4	382	0.1	3.8
33	SYL0251	12.0	0.6	37	114	0.1	0.9	73	SYL0406	25.1	1.0	6	470	0.1	2.1
34	SYL0252	4.6	1.7	70	322	0.1	14.4	74	SYL0407	14.7	0.5	5	360	0.1	3.9
35	SYL0253	7.5	1.5	12	38	0.1	0.8	75	SYL0408	20.8	0.2	6	248	0.1	3.2
36	SYL0254	11.4	1.1	9	57	0.1	0.9	76	SYL0409	22.4	0.2	5	158	tr.	4.4
37	SYL0301	27.6	1.0	39	250	0.1	tr.	77	SYL0410	10.8	0.5	4	110	0.1	2.3
38	SYL0302	3.9	0.9	31	205	0.1	tr.	78	SYL0411	4.6	0.4	2	55	tr.	2.4
39	SYL0303	15.3	1.2	8	247	0.1	0.8	79	SYL0412	tr.	0.8	4	57	0.1	0.5
40	SYL0304	28.9	0.9	6	322	0.1	tr.	80	SYL0413	5.4	0.7	5	68	tr.	tr.

Ser. No.	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser. No.	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
81	SYL0414	1.5	1.1	7	88	tr.	1.7	121	SYL0510	17.7	tr.	9	118	tr.	4.5
82	SYL0415	1.5	0.5	5	61	0.1	2.1	122	SYL0511	10.8	0.5	2	85	tr.	2.3
83	SYL0416	tr.	0.8	7	159	0.1	tr.	123	SYL0512	8.7	0.2	2	61	tr.	2.0
84	SYL0417	6.2	0.5	5	57	0.1	1.4	124	SYL0513	5.9	0.2	7	41	tr.	2.3
85	SYL0418	0.6	1.2	9	50	tr.	2.1	125	SYL0514	5.6	0.5	6	56	0.1	5.0
86	SYL0419	5.8	1.0	13	55	0.2	2.1	126	SYL0515	5.9	0.2	10	55	0.1	4.2
87	SYL0420	7.3	1.0	68	175	0.1	0.8	127	SYL0516	9.4	0.1	14	100	tr.	10.1
88	SYL0451	11.6	0.3	30	222	0.1	3.5	128	SYL0517	8.3	1.9	15	86	0.1	5.1
89	SYL0452	61.3	0.3	19	10189	tr.	2.7	129	SYL0518	7.0	1.4	32	129	0.1	4.2
90	SYL0453	44.7	0.7	12	982	tr.	6.7	130	SYL0519	4.2	1.2	5	44	0.1	1.4
91	SYL0454	37.0	0.1	78	699	tr.	4.7	131	SYL0520	5.9	1.0	6	45	0.1	5.1
92	SYL0455	20.0	0.6	30	423	tr.	1.5	132	SYL0521	2.4	1.0	4	41	0.1	2.4
93	SYL0456	5.0	0.6	17	61	tr.	3.5	133	SYL0551	6.7	1.2	122	38	0.1	tr.
94	SYL0457	6.2	0.2	11	64	tr.	1.7	134	SYL0552	38.2	0.6	37	118	0.1	5.7
95	SYL0458	7.7	0.1	51	69	tr.	3.5	135	SYL0553	105.2	tr.	212	260	tr.	tr.
96	SYL0459	6.9	0.6	8	60	tr.	2.3	136	SYL0554	42.9	0.4	29	232	0.1	2.7
97	SYL0460	8.1	0.3	5	113	tr.	6.0	137	SYL0555	28.0	0.5	9	155	tr.	tr.
98	SYL0461	7.3	1.7	5	161	0.1	4.7	138	SYL0556	7.9	0.4	13	335	0.1	tr.
99	SYL0462	4.6	0.6	8	253	tr.	4.2	139	SYL0557	35.5	0.7	179	301	tr.	0.5
100	SYL0463	5.0	0.9	7	130	tr.	3.0	140	SYL0558	11.0	0.9	130	80	tr.	tr.
101	SYL0464	4.6	1.1	8	126	0.1	3.3	141	SYL0559	9.5	0.8	330	87	tr.	tr.
102	SYL0465	1.9	0.8	7	130	0.1	8.8	142	SYL0560	9.1	0.5	106	59	tr.	tr.
103	SYL0466	1.5	0.8	6	102	0.1	4.8	143	SYL0561	3.2	0.7	201	65	tr.	tr.
104	SYL0467	tr.	0.8	7	102	tr.	4.2	144	SYL0562	4.3	0.4	224	75	tr.	1.2
105	SYL0468	4.2	0.7	13	48	0.1	0.3	145	SYL0563	3.5	0.8	31	77	0.1	tr.
106	SYL0469	8.0	0.4	8	56	0.1	0.9	146	SYL0564	41.4	0.9	4	74	0.1	0.5
107	SYL0470	14.6	0.5	6	45	tr.	5.6	147	SYL0565	8.7	1.6	11	77	tr.	tr.
108	SYL0471	4.2	0.2	7	28	tr.	1.7	148	SYL0566	9.8	1.3	8	71	0.1	tr.
109	SYL0472	3.5	0.2	6	37	tr.	5.1	149	SYL0567	12.2	1.3	14	70	0.1	tr.
110	SYL0473	3.5	0.6	3	54	tr.	3.5	150	SYL0568	8.3	1.3	7	69	0.1	tr.
111	SYL0474	7.7	0.5	5	72	tr.	2.7	151	SYL0569	6.7	0.6	5	61	0.1	tr.
112	SYL0501	3.8	0.4	239	59	tr.	5.6	152	SYL0570	8.7	0.8	4	51	0.1	tr.
113	SYL0502	6.3	1.7	150	66	tr.	5.0	153	SYL0571	7.1	1.0	6	70	0.1	tr.
114	SYL0503	5.2	1.0	151	97	tr.	10.0	154	SYL0572	9.8	0.8	6	69	0.1	tr.
115	SYL0504	11.5	0.2	3	760	tr.	3.0	155	SYL0573	7.9	0.9	39	49	0.1	tr.
116	SYL0505	18.8	0.5	3	325	tr.	4.5	156	SYL0601	9.5	1.9	8	337	0.1	tr.
117	SYL0506	8.3	0.3	2	151	tr.	2.4	157	SYL0602	2.8	1.0	4	201	0.1	tr.
118	SYL0507	9.7	0.4	5	160	tr.	4.8	158	SYL0603	22.5	1.3	4	112	tr.	4.6
119	SYL0508	8.3	0.2	2	113	tr.	0.5	159	SYL0604	tr.	0.5	7	116	0.1	0.5
120	SYL0509	24.3	0.1	4	146	tr.	0.9	160	SYL0605	3.2	0.9	28	86	tr.	7.8

Ser. No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser. No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
161	SYL0606	6.7	0.8	11	232	tr.	tr.	201	SYL0702	7.7	0.6	73	89	0.1	tr.
162	SYL0607	3.2	0.9	9	166	0.1	4.1	202	SYL0703	5.1	0.7	16	170	0.1	tr.
163	SYL0608	1.2	1.2	5	169	0.1	0.9	203	SYL0704	4.7	0.7	44	90	tr.	tr.
164	SYL0609	9.8	1.0	5	185	0.1	tr.	204	SYL0705	1.5	1.2	141	44	tr.	tr.
165	SYL0610	tr.	0.9	6	157	tr.	tr.	205	SYL0706	5.5	0.9	15	92	tr.	3.1
166	SYL0611	6.7	1.0	5	131	tr.	tr.	206	SYL0707	5.1	0.5	9	150	tr.	1.7
167	SYL0612	3.0	0.6	5	88	tr.	tr.	207	SYL0708	8.4	0.6	7	139	tr.	tr.
168	SYL0613	8.0	0.8	5	53	0.1	0.7	208	SYL0709	1.1	1.4	6	142	tr.	tr.
169	SYL0614	7.3	0.5	4	38	tr.	4.2	209	SYL0710	tr.	1.3	4	78	tr.	7.0
170	SYL0615	3.7	2.0	6	35	tr.	2.7	210	SYL0711	2.9	0.8	5	71	tr.	0.7
171	SYL0616	9.7	1.3	4	tr.	tr.	4.2	211	SYL0712	5.5	0.5	250	71	tr.	tr.
172	SYL0617	6.7	0.9	5	34	0.1	tr.	212	SYL0713	5.5	0.2	70	71	tr.	3.4
173	SYL0618	2.0	0.5	11	71	0.1	7.6	213	SYL0714	11.0	0.3	206	113	tr.	tr.
174	SYL0619	5.0	0.6	15	74	tr.	tr.	214	SYL0715	6.9	0.7	8	60	0.1	tr.
175	SYL0620	5.3	0.5	8	86	tr.	tr.	215	SYL0716	4.0	0.5	5	45	tr.	4.9
176	SYL0621	3.0	0.6	6	94	tr.	tr.	216	SYL0717	6.9	0.5	7	56	0.1	7.2
177	SYL0622	1.0	0.6	6	59	0.1	3.9	217	SYL0718	4.0	0.7	9	53	0.1	3.1
178	SYL0623	2.3	0.9	7	82	0.1	0.9	218	SYL0719	4.0	0.4	7	72	tr.	tr.
179	SYL0651	tr.	0.5	3	255	tr.	3.0	219	SYL0720	5.8	0.6	41	47	tr.	2.3
180	SYL0652	18.3	0.9	11	593	0.1	12.7	220	SYL0721	7.7	0.6	36	58	tr.	3.3
181	SYL0653	72.0	0.5	32	424	tr.	tr.	221	SYL0722	5.5	0.6	14	111	tr.	1.3
182	SYL0654	85.0	0.6	199	268	tr.	tr.	222	SYL0723	8.4	0.4	11	83	tr.	1.8
183	SYL0655	109.0	0.6	69	598	0.1	1.4	223	SYL0724	1.8	0.8	8	101	0.1	12.1
184	SYL0656	56.0	0.8	25	903	0.1	tr.	224	SYL0751	3.7	0.4	50	106	0.1	4.0
185	SYL0657	42.3	0.4	33	390	tr.	tr.	225	SYL0752	4.0	0.5	150	138	tr.	tr.
186	SYL0658	29.7	0.7	12	235	tr.	tr.	226	SYL0753	tr.	1.6	244	83	tr.	tr.
187	SYL0659	25.3	0.4	3	261	tr.	tr.	227	SYL0754	2.6	0.7	58	407	tr.	tr.
188	SYL0660	22.3	0.3	7	467	tr.	tr.	228	SYL0755	142.5	0.6	18	550	0.1	2.9
189	SYL0661	7.7	0.6	218	49	tr.	tr.	229	SYL0756	8.0	0.9	21	344	0.1	5.1
190	SYL0662	4.3	1.5	295	42	tr.	tr.	230	SYL0757	17.5	1.2	8	692	tr.	5.4
191	SYL0663	tr.	1.1	248	25	tr.	tr.	231	SYL0758	15.3	0.5	6	259	tr.	4.9
192	SYL0664	tr.	0.6	14	54	tr.	tr.	232	SYL0759	50.4	0.8	11	304	0.1	2.7
193	SYL0665	4.3	0.9	21	81	0.1	tr.	233	SYL0760	76.4	0.5	21	215	0.1	10.7
194	SYL0666	9.3	1.6	10	63	0.1	tr.	234	SYL0761	9.5	1.0	184	114	tr.	2.0
195	SYL0667	2.7	0.6	6	48	tr.	1.8	235	SYL0762	5.5	1.1	380	56	tr.	5.8
196	SYL0668	tr.	0.9	14	55	tr.	1.8	236	SYL0763	2.6	1.2	12	55	tr.	3.6
197	SYL0669	2.3	0.8	9	55	tr.	tr.	237	SYL0764	6.2	1.0	16	78	tr.	tr.
198	SYL0670	3.3	0.6	9	55	tr.	tr.	238	SYL0765	2.9	0.9	6	53	tr.	2.7
199	SYL0671	4.4	0.7	22	48	tr.	tr.	239	SYL0766	0.7	0.8	4	39	tr.	7.4
200	SYL0701	8.8	0.6	126	156	tr.	tr.	240	SYL0767	6.9	0.8	6	75	tr.	10.8

Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppa)	Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppa)
241	SYL0768	6.6	1.8	6	99	tr.	0.9	281	SYL0862	6.2	0.3	3	81	tr.	5.2
242	SYL0769	6.5	1.5	6	75	tr.	tr.	282	SYL0863	4.9	0.9	14	65	tr.	4.9
243	SYL0770	6.2	1.2	7	46	tr.	tr.	283	SYL0864	13.6	0.5	196	66	tr.	17.9
244	SYL0801	tr.	1.4	15	65	tr.	3.6	284	SYL0865	tr.	1.0	245	50	tr.	15.2
245	SYL0802	tr.	1.3	4	473	tr.	2.7	285	SYL0866	1.3	0.5	11	56	tr.	5.4
246	SYL0803	tr.	1.1	4	122	tr.	2.3	286	SYL0867	5.5	0.9	6	64	tr.	2.5
247	SYL0804	0.7	0.7	4	108	tr.	tr.	287	SYL0868	tr.	0.8	5	68	tr.	2.9
248	SYL0805	1.1	0.9	5	131	tr.	tr.	288	SYL0901	1.6	1.6	27	67	tr.	9.1
249	SYL0806	7.1	1.1	5	160	0.1	tr.	289	SYL0902	8.2	1.1	11	100	tr.	3.3
250	SYL0807	4.5	1.1	8	122	tr.	5.8	290	SYL0903	6.1	1.1	10	124	tr.	5.2
251	SYL0808	3.2	0.9	11	76	0.1	0.7	291	SYL0904	9.8	0.7	11	115	tr.	2.6
252	SYL0809	3.6	1.0	8	86	tr.	1.8	292	SYL0905	7.4	0.8	6	101	tr.	0.7
253	SYL0810	3.9	0.7	8	98	tr.	2.0	293	SYL0906	10.2	1.0	5	180	tr.	4.8
254	SYL0811	2.3	0.7	5	76	0.1	tr.	294	SYL0907	0.8	0.6	5	322	tr.	7.7
255	SYL0812	1.3	1.0	10	60	tr.	1.3	295	SYL0908	4.1	0.5	4	136	tr.	2.5
256	SYL0813	tr.	2.0	12	53	tr.	tr.	296	SYL0909	9.4	0.7	8	90	tr.	0.6
257	SYL0814	tr.	1.4	18	90	0.1	0.4	297	SYL0910	3.3	0.7	8	130	tr.	0.6
258	SYL0815	1.0	1.0	13	34	tr.	3.4	298	SYL0911	4.1	0.8	12	99	tr.	tr.
259	SYL0816	1.6	1.1	71	66	tr.	3.1	299	SYL0912	9.8	0.6	10	87	tr.	tr.
260	SYL0817	8.4	0.7	14	89	tr.	0.5	300	SYL0913	tr.	0.8	8	149	tr.	4.2
261	SYL0818	8.4	0.6	9	77	tr.	0.9	301	SYL0914	10.6	0.8	8	35	tr.	12.7
262	SYL0819	9.1	0.5	7	68	0.1	tr.	302	SYL0915	11.0	0.5	9	73	tr.	tr.
263	SYL0820	4.9	0.6	5	66	tr.	tr.	303	SYL0916	11.0	1.2	8	71	tr.	1.7
264	SYL0821	4.2	0.4	8	63	tr.	4.2	304	SYL0917	11.5	0.8	8	61	tr.	5.9
265	SYL0822	8.4	0.2	11	45	tr.	tr.	305	SYL0918	9.4	0.9	7	61	tr.	3.5
266	SYL0823	5.8	0.5	5	69	0.1	tr.	306	SYL0919	5.3	0.7	5	59	tr.	3.8
267	SYL0824	6.5	0.8	6	56	0.1	tr.	307	SYL0920	14.7	1.0	15	40	0.1	6.8
268	SYL0825	5.8	0.8	8	102	tr.	tr.	308	SYL0921	10.2	0.8	7	82	tr.	4.3
269	SYL0826	4.9	0.7	9	100	tr.	tr.	309	SYL0922	11.5	0.7	7	66	tr.	4.6
270	SYL0851	2.6	1.1	26	73	0.1	tr.	310	SYL0923	11.0	0.8	6	66	tr.	11.7
271	SYL0852	10.1	0.5	78	97	tr.	1.1	311	SYL0924	3.7	0.7	15	62	tr.	5.6
272	SYL0853	tr.	0.7	201	128	tr.	tr.	312	SYL0925	1.6	0.6	8	70	tr.	16.2
273	SYL0854	3.2	0.6	22	91	tr.	tr.	313	SYL0926	4.1	0.6	17	93	tr.	4.9
274	SYL0855	11.0	1.3	15	55	tr.	tr.	314	SYL0927	3.3	0.8	7	129	tr.	0.7
275	SYL0856	6.2	1.6	26	203	tr.	tr.	315	SYL0951	3.7	1.5	23	48	tr.	1.4
276	SYL0857	tr.	0.8	35	268	tr.	tr.	316	SYL0952	0.8	1.3	15	71	tr.	1.6
277	SYL0858	19.2	0.7	7	416	tr.	4.2	317	SYL0953	5.3	0.5	57	75	tr.	2.3
278	SYL0859	2.9	0.6	12	229	tr.	4.9	318	SYL0954	15.8	0.9	16	389	tr.	1.0
279	SYL0860	14.0	0.5	19	152	tr.	6.9	319	SYL0955	13.5	0.8	13	247	tr.	tr.
280	SYL0861	9.1	0.7	13	194	tr.	12.5	320	SYL0956	20.3	0.5	20	494	tr.	4.6

Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
321	SYL0957	21.8	0.6	74	276	tr.	5.6	361	SYL1051	6.6	0.4	18	tr.	tr.	1.4
322	SYL0958	28.1	0.7	22	187	tr.	12.3	362	SYL1052	14.9	0.5	372	85	tr.	1.7
323	SYL0959	tr.	0.5	112	96	tr.	4.6	363	SYL1053	24.0	0.7	282	99	tr.	1.3
324	SYL0960	3.8	0.5	8	217	tr.	4.0	364	SYL1054	16.5	0.5	268	336	tr.	1.3
325	SYL0961	tr.	0.6	16	133	tr.	3.9	365	SYL1055	53.7	0.8	10	463	tr.	2.3
326	SYL0962	3.8	0.5	7	111	tr.	2.5	366	SYL1056	25.2	0.9	20	408	tr.	8.1
327	SYL0963	tr.	0.5	12	73	tr.	1.2	367	SYL1057	3.7	0.8	8	279	tr.	13.1
328	SYL0964	12.0	0.9	372	54	tr.	tr.	368	SYL1058	2.1	0.5	7	152	tr.	0.9
329	SYL0965	7.9	0.6	18	72	tr.	tr.	369	SYL1059	1.2	0.6	32	160	tr.	3.9
330	SYL0966	7.4	0.6	7	60	tr.	0.7	370	SYL1060	1.7	0.9	6	145	tr.	tr.
331	SYL0967	12.4	0.2	5	54	tr.	tr.	371	SYL1061	3.3	0.2	16	139	tr.	5.3
332	SYL1001	17.8	0.4	5	39	tr.	1.4	372	SYL1062	9.7	0.4	20	96	tr.	tr.
333	SYL1002	11.2	0.5	4	47	0.1	1.2	373	SYL1063	14.6	1.4	300	57	tr.	1.3
334	SYL1003	21.9	0.9	4	129	tr.	tr.	374	SYL1064	2.9	0.7	14	44	tr.	2.3
335	SYL1004	6.2	0.6	5	125	0.1	tr.	375	SYL1065	12.6	0.8	8	67	0.1	tr.
336	SYL1005	7.4	0.6	7	98	tr.	10.8	376	SYL1101	69.0	0.6	4	44	0.1	93.6
337	SYL1006	12.0	1.1	7	92	tr.	4.8	377	SYL1102	7.8	0.7	179	63	tr.	1.0
338	SYL1007	9.5	0.8	5	110	tr.	0.7	378	SYL1103	tr.	0.8	511	90	tr.	7.1
339	SYL1008	9.1	0.7	3	84	tr.	1.4	379	SYL1104	tr.	0.6	21	113	tr.	5.3
340	SYL1009	4.5	1.0	6	92	tr.	tr.	380	SYL1105	tr.	0.3	4	67	tr.	11.9
341	SYL1010	1.7	0.6	6	83	tr.	0.6	381	SYL1106	tr.	0.4	3	79	tr.	16.0
342	SYL1011	14.1	0.8	10	79	tr.	3.3	382	SYL1107	1.5	0.4	5	138	tr.	tr.
343	SYL1012	1.1	1.1	12	79	tr.	0.7	383	SYL1108	13.6	0.8	9	141	tr.	tr.
344	SYL1013	5.4	1.3	30	85	tr.	0.9	384	SYL1109	7.8	1.3	7	162	tr.	1.9
345	SYL1014	3.7	0.4	15	78	tr.	5.2	385	SYL1110	12.1	1.1	6	108	tr.	9.1
346	SYL1015	8.7	0.6	9	75	tr.	2.0	386	SYL1111	5.3	1.1	7	88	tr.	tr.
347	SYL1016	8.7	0.8	7	73	tr.	2.0	387	SYL1112	8.3	0.9	11	84	tr.	tr.
348	SYL1017	7.9	0.9	12	70	tr.	4.5	388	SYL1113	9.7	1.4	9	79	tr.	tr.
349	SYL1018	10.3	0.7	6	62	tr.	12.7	389	SYL1114	7.3	1.2	10	67	tr.	tr.
350	SYL1019	12.4	0.9	6	42	tr.	1.0	390	SYL1115	10.2	1.4	14	53	tr.	tr.
351	SYL1020	2.1	1.1	3	36	tr.	0.9	391	SYL1116	9.2	1.0	7	61	tr.	2.3
352	SYL1021	tr.	0.9	7	79	tr.	1.3	392	SYL1117	7.8	1.0	7	69	tr.	tr.
353	SYL1022	tr.	0.9	8	95	tr.	6.9	393	SYL1118	7.8	0.6	7	64	tr.	tr.
354	SYL1023	1.2	1.0	9	84	tr.	0.9	394	SYL1119	6.3	1.6	12	65	tr.	tr.
355	SYL1024	9.9	1.0	8	66	tr.	tr.	395	SYL1120	tr.	1.3	9	46	tr.	0.9
356	SYL1025	12.0	0.9	13	61	tr.	2.9	396	SYL1121	tr.	1.4	38	73	tr.	2.4
357	SYL1026	15.3	0.8	3	86	tr.	1.3	397	SYL1122	1.0	1.2	12	49	tr.	0.6
358	SYL1027	12.0	0.7	4	90	tr.	0.9	398	SYL1123	tr.	1.2	19	49	tr.	1.4
359	SYL1028	3.3	0.8	4	106	tr.	1.2	399	SYL1124	tr.	1.5	12	75	tr.	2.3
360	SYL1029	7.4	0.8	4	132	tr.	0.7	400	SYL1125	16.5	1.2	12	57	tr.	tr.



Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
401	SYL1126	10.2	0.9	9	78	tr.	tr.	441	SYL1222	7.8	1.4	42	46	0.2	1.4
402	SYL1127	12.6	0.9	12	76	tr.	tr.	442	SYL1223	9.3	0.8	15	52	0.2	0.6
403	SYL1128	4.9	1.0	12	105	tr.	tr.	443	SYL1224	3.3	0.8	17	44	tr.	0.6
404	SYL1129	8.7	1.2	5	113	tr.	1.5	444	SYL1225	3.0	0.8	5	63	0.1	2.1
405	SYL1130	8.3	0.9	8	91	tr.	tr.	445	SYL1226	8.5	1.2	5	52	tr.	0.9
406	SYL1151	9.7	0.9	7	71	tr.	13.1	446	SYL1227	5.9	1.5	7	76	tr.	1.7
407	SYL1152	tr.	0.6	2	75	tr.	2.4	447	SYL1228	8.5	0.9	8	86	0.1	3.0
408	SYL1153	54.4	1.0	60	133	tr.	tr.	448	SYL1229	12.3	1.4	4	78	tr.	0.6
409	SYL1154	19.4	0.9	16	94	tr.	2.5	449	SYL1230	0.7	1.1	6	107	tr.	1.5
410	SYL1155	10.7	1.0	9	90	tr.	1.3	450	SYL1231	14.5	0.1	6	87	tr.	tr.
411	SYL1156	27.2	0.7	11	299	tr.	1.0	451	SYL1232	1.1	0.7	6	90	tr.	0.9
412	SYL1157	1.5	1.0	8	302	0.2	0.5	452	SYL1251	3.7	0.7	12	49	tr.	4.1
413	SYL1158	tr.	0.8	76	90	tr.	tr.	453	SYL1252	3.7	0.7	9	99	0.1	2.0
414	SYL1159	16.5	1.5	19	95	tr.	tr.	454	SYL1253	3.1	0.9	11	129	tr.	6.7
415	SYL1160	2.9	1.5	24	192	tr.	3.5	455	SYL1254	7.9	0.4	9	134	tr.	4.8
416	SYL1161	19.7	0.7	11	81	tr.	2.6	456	SYL1255	10.6	1.4	5	132	tr.	tr.
417	SYL1162	53.5	0.8	10	57	0.1	2.7	457	SYL1256	5.8	0.9	10	98	0.1	tr.
418	SYL1163	16.0	1.3	17	88	tr.	tr.	458	SYL1257	70.0	1.1	53	70	0.1	tr.
419	SYL1164	17.8	1.5	253	117	0.1	2.0	459	SYL1258	tr.	0.6	23	57	0.1	0.5
420	SYL1201	13.7	1.6	322	79	0.1	tr.	460	SYL1259	tr.	0.9	18	108	0.2	tr.
421	SYL1202	10.8	1.9	14	86	tr.	tr.	461	SYL1260	tr.	1.3	15	102	0.1	tr.
422	SYL1203	6.7	1.9	20	83	0.1	7.2	462	SYL1261	tr.	1.2	9	152	0.1	tr.
423	SYL1204	9.3	1.0	77	78	tr.	4.1	463	SYL1262	6.5	1.0	33	100	tr.	tr.
424	SYL1205	6.3	0.9	59	183	0.1	5.4	464	SYL1301	7.2	0.8	586	tr.	0.1	tr.
425	SYL1206	0.7	0.9	11	239	0.1	6.0	465	SYL1302	3.8	0.7	17	tr.	tr.	tr.
426	SYL1207	6.7	1.0	11	97	0.1	2.4	466	SYL1303	8.9	1.2	202	53	0.1	tr.
427	SYL1208	11.9	1.2	10	106	0.1	5.8	467	SYL1304	5.1	0.4	9	57	0.1	tr.
428	SYL1209	3.0	0.9	14	47	tr.	2.9	468	SYL1305	5.1	0.4	6	59	0.1	0.5
429	SYL1210	8.9	1.0	8	77	tr.	4.4	469	SYL1306	11.6	0.5	6	42	0.1	0.9
430	SYL1211	17.5	0.6	7	49	0.1	0.6	470	SYL1307	6.5	1.3	6	65	0.1	8.0
431	SYL1212	8.2	1.1	14	57	0.1	0.9	471	SYL1308	5.1	0.7	7	74	0.1	3.8
432	SYL1213	4.8	1.4	16	82	0.1	3.0	472	SYL1309	4.8	0.6	6	80	0.2	6.4
433	SYL1214	3.3	1.6	9	52	0.1	5.6	473	SYL1310	tr.	0.9	8	63	0.1	6.3
434	SYL1215	tr.	1.8	5	46	0.1	1.5	474	SYL1311	tr.	0.4	8	60	0.1	tr.
435	SYL1216	2.6	1.2	5	59	0.1	1.4	475	SYL1312	tr.	0.7	10	50	0.1	tr.
436	SYL1217	3.7	1.1	6	72	0.1	1.4	476	SYL1313	tr.	0.6	6	93	0.1	tr.
437	SYL1218	7.8	1.5	8	57	0.1	2.0	477	SYL1314	tr.	0.7	13	54	0.1	2.6
438	SYL1219	8.2	1.5	35	34	0.1	tr.	478	SYL1315	tr.	1.0	7	66	0.1	tr.
439	SYL1220	13.7	1.1	13	25	0.1	tr.	479	SYL1316	tr.	1.0	7	75	0.1	7.8
440	SYL1221	27.1	1.4	14	57	0.1	tr.	480	SYL1317	tr.	1.1	7	52	0.1	1.0

Ser No	Saaple No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser No	Saaple No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
481	SYL1318	4.5	2.2	5	48	0.1	7.5	521	SYL1414	tr.	1.3	7	66	0.2	6.2
482	SYL1319	7.0	1.8	7	47	0.1	tr.	522	SYL1415	tr.	2.3	9	66	0.2	3.4
483	SYL1320	14.0	1.1	9	40	0.1	tr.	523	SYL1416	1.0	1.0	15	50	0.2	4.2
484	SYL1321	9.4	1.6	5	61	0.1	13.7	524	SYL1417	tr.	0.7	6	45	0.2	5.9
485	SYL1322	7.7	1.4	5	41	0.1	6.1	525	SYL1418	3.7	1.0	5	41	0.2	tr.
486	SYL1323	tr.	1.3	7	76	0.1	0.9	526	SYL1419	4.1	0.7	4	35	0.1	tr.
487	SYL1324	tr.	1.1	6	64	0.1	2.4	527	SYL1420	2.0	0.8	5	46	0.2	6.5
488	SYL1325	tr.	1.1	9	56	0.1	1.0	528	SYL1421	3.1	1.2	4	59	0.1	5.6
489	SYL1326	4.2	1.6	5	111	0.1	tr.	529	SYL1422	5.4	0.7	5	55	0.1	4.2
490	SYL1327	2.1	1.3	6	96	0.2	tr.	530	SYL1423	5.4	0.7	16	48	0.2	1.7
491	SYL1328	11.2	0.8	3	53	0.2	19.1	531	SYL1424	tr.	0.8	6	47	0.2	1.7
492	SYL1329	5.9	0.7	3	72	0.2	tr.	532	SYL1425	tr.	0.9	5	48	0.2	2.3
493	SYL1330	7.0	1.1	6	72	0.2	1.9	533	SYL1426	tr.	0.8	6	51	0.1	1.2
494	SYL1331	11.2	1.2	6	53	0.2	17.2	534	SYL1427	tr.	1.1	7	97	0.2	tr.
495	SYL1332	5.6	0.9	27	34	0.3	1.2	535	SYL1428	tr.	1.4	8	61	0.2	1.9
496	SYL1333	9.1	1.1	4	56	0.2	16.3	536	SYL1429	6.1	1.0	9	44	0.1	1.0
497	SYL1334	8.4	0.6	6	58	0.2	5.2	537	SYL1430	3.4	1.3	12	56	0.2	1.4
498	SYL1351	22.7	1.0	5	53	0.2	tr.	538	SYL1431	6.8	0.8	7	45	0.2	2.9
499	SYL1352	15.7	0.9	6	101	0.3	4.0	539	SYL1432	5.4	1.5	6	54	0.2	tr.
500	SYL1353	17.5	0.3	6	110	0.2	3.0	540	SYL1433	5.4	1.3	21	50	0.2	tr.
501	SYL1354	12.6	1.7	5	28	0.1	3.1	541	SYL1434	7.8	0.9	8	48	0.1	2.2
502	SYL1355	19.6	1.2	9	92	0.2	2.4	542	SYL1435	8.2	1.0	9	40	0.2	tr.
503	SYL1356	tr.	0.8	4	85	0.2	3.3	543	SYL1451	46.9	1.1	50	144	0.3	5.8
504	SYL1357	5.2	0.7	16	44	0.2	0.5	544	SYL1452	36.0	0.8	12	168	0.3	9.3
505	SYL1358	3.8	0.7	25	35	0.2	1.6	545	SYL1453	16.3	0.9	7	139	0.2	tr.
506	SYL1359	5.2	1.2	8	25	0.2	22.3	546	SYL1454	32.0	0.9	8	82	0.2	2.0
507	SYL1360	9.4	0.8	8	133	0.3	1.7	547	SYL1455	27.5	1.0	46	99	0.3	4.1
508	SYL1401	16.4	0.8	423	123	0.2	3.0	548	SYL1456	21.8	1.4	5	85	0.2	2.7
509	SYL1402	19.6	2.4	425	113	0.2	1.6	549	SYL1457	tr.	0.8	3	32	0.2	0.7
510	SYL1403	1.7	0.8	10	87	0.2	5.4	550	SYL1458	tr.	0.6	5	270	0.2	2.4
511	SYL1404	4.2	0.6	5	49	0.2	tr.	551	SYL1459	35.0	0.6	4	tr.	0.5	1.3
512	SYL1405	5.9	1.2	9	67	0.2	0.5	552	SYL1501	4.1	0.7	43	123	0.1	tr.
513	SYL1406	3.8	0.9	6	32	0.1	0.9	553	SYL1502	14.3	0.6	529	63	0.2	tr.
514	SYL1407	8.7	1.4	6	55	0.2	0.9	554	SYL1503	7.5	0.8	276	45	0.2	1.4
515	SYL1408	2.8	1.0	5	63	0.2	0.7	555	SYL1504	tr.	0.9	16	54	0.1	1.7
516	SYL1409	3.8	1.3	6	84	0.2	tr.	556	SYL1505	3.4	0.6	25	58	0.2	tr.
517	SYL1410	4.5	1.3	9	106	0.3	3.3	557	SYL1506	3.4	0.3	4	tr.	0.1	7.3
518	SYL1411	7.7	1.0	8	88	0.2	6.4	558	SYL1507	3.7	1.3	5	26	0.2	5.5
519	SYL1412	5.2	1.1	10	55	0.2	2.4	559	SYL1508	3.4	0.6	4	45	0.2	tr.
520	SYL1413	tr.	0.9	11	78	0.2	4.3	560	SYL1509	4.8	0.8	5	95	0.2	tr.

Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
561	SYL1510	1.0	0.9	5	98	0.2	1.6	601	SYL1606	7.2	0.3	3	47	0.1	2.0
562	SYL1511	6.5	1.1	8	106	0.1	tr.	602	SYL1607	39.9	0.6	5	41	0.1	4.7
563	SYL1512	tr.	1.1	24	69	0.2	4.7	603	SYL1608	17.6	0.6	9	43	0.1	5.9
564	SYL1513	tr.	1.2	5	36	0.1	2.2	604	SYL1609	10.4	0.5	18	142	tr.	2.4
565	SYL1514	tr.	0.9	10	tr.	0.1	tr.	605	SYL1610	10.8	0.8	11	35	0.1	4.6
566	SYL1515	tr.	0.9	7	38	0.1	4.5	606	SYL1611	tr.	0.9	18	55	0.1	3.6
567	SYL1516	tr.	0.9	9	31	0.1	5.2	607	SYL1612	5.4	0.7	9	55	0.2	1.7
568	SYL1517	5.4	1.3	43	29	0.1	5.0	608	SYL1613	2.2	0.5	5	49	0.1	3.7
569	SYL1518	4.3	0.9	14	63	0.1	4.2	609	SYL1614	2.5	0.8	9	51	0.2	5.5
570	SYL1519	5.0	1.0	7	39	0.1	5.5	610	SYL1615	4.0	1.1	7	37	0.2	4.2
571	SYL1520	4.0	0.7	6	41	0.1	2.3	611	SYL1616	4.9	0.7	14	tr.	tr.	5.7
572	SYL1521	4.0	1.4	7	80	0.1	2.7	612	SYL1617	8.9	1.0	5	36	0.2	50.9
573	SYL1522	6.5	0.8	7	49	0.2	4.4	613	SYL1618	3.9	0.8	3	41	0.1	3.4
574	SYL1523	2.2	1.4	5	81	0.2	3.3	614	SYL1619	7.9	1.1	5	74	0.2	2.0
575	SYL1524	tr.	1.3	5	72	0.2	3.6	615	SYL1620	tr.	0.9	7	46	0.2	2.3
576	SYL1525	tr.	1.3	3	53	0.2	5.2	616	SYL1621	2.5	0.8	9	38	0.2	2.7
577	SYL1526	5.0	0.9	4	37	0.1	10.1	617	SYL1622	tr.	0.8	19	43	0.2	4.3
578	SYL1527	10.1	0.9	6	50	0.1	4.9	618	SYL1623	tr.	0.6	3	49	0.1	15.2
579	SYL1528	10.1	1.0	8	41	0.1	4.3	619	SYL1624	tr.	0.8	3	39	0.1	3.0
580	SYL1529	7.5	0.9	7	55	0.2	1.1	620	SYL1625	1.0	0.7	14	39	0.1	2.9
581	SYL1530	2.5	0.9	4	62	0.1	2.7	621	SYL1626	9.4	0.8	4	41	0.2	3.0
582	SYL1531	9.0	0.6	9	86	0.2	3.2	622	SYL1627	8.4	0.8	5	31	0.1	3.0
583	SYL1532	8.3	0.6	5	49	0.2	2.2	623	SYL1628	20.2	0.8	4	36	0.2	3.3
584	SYL1533	6.5	0.6	5	68	0.1	4.9	624	SYL1629	3.0	0.8	4	36	0.1	4.9
585	SYL1534	5.8	0.9	7	46	0.1	4.3	625	SYL1651	15.3	0.3	11	57	0.1	4.6
586	SYL1535	5.8	0.6	9	40	tr.	4.7	626	SYL1652	7.4	0.3	4	81	0.1	4.9
587	SYL1536	1.8	0.7	198	tr.	tr.	6.0	627	SYL1653	tr.	0.5	5	48	0.1	4.3
588	SYL1537	2.2	0.8	306	27	0.1	2.4	628	SYL1654	228.0	0.4	11	81	0.6	5.9
589	SYL1551	3.6	0.7	13	38	0.1	4.2	629	SYL1655	531.2	0.5	7	458	1.6	5.0
590	SYL1552	0.7	0.5	2	tr.	tr.	4.2	630	SYL1701	3.4	0.1	17	36	0.5	2.3
591	SYL1553	12.9	0.5	5	42	0.1	6.2	631	SYL1702	18.2	1.0	613	131	0.2	2.7
592	SYL1554	5.8	0.4	4	70	0.1	0.9	632	SYL1703	13.8	1.0	85	81	0.1	4.6
593	SYL1555	67.6	1.1	14	62	0.3	3.3	633	SYL1704	tr.	0.9	79	48	0.1	5.6
594	SYL1556	238.6	0.7	6	77	0.8	4.9	634	SYL1705	tr.	1.0	173	44	0.1	3.6
595	SYL1557	192.6	0.8	16	90	0.6	4.7	635	SYL1706	2.5	0.5	612	54	0.2	5.9
596	SYL1601	15.1	0.6	9	87	0.1	5.0	636	SYL1707	0.5	0.2	23	35	tr.	5.3
597	SYL1602	5.8	0.7	12	97	0.1	5.5	637	SYL1708	3.0	0.8	40	27	0.1	4.6
598	SYL1603	15.8	0.6	33	167	0.2	2.3	638	SYL1709	1.5	0.4	5	73	0.1	4.9
599	SYL1604	14.0	0.9	134	42	0.1	5.5	639	SYL1710	4.4	0.3	11	76	0.1	3.2
600	SYL1605	7.5	0.4	14	79	0.1	6.7	640	SYL1711	9.4	0.9	6	64	0.1	2.0

Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
641	SYL1712	3.9	0.8	14	42	0.1	2.6
642	SYL1713	6.4	0.7	5	40	0.1	5.2
643	SYL1714	4.9	1.2	6	38	0.2	3.6
644	SYL1715	1.0	1.1	17	40	0.2	2.6
645	SYL1716	4.4	0.9	9	33	0.1	2.7
646	SYL1717	3.4	0.8	10	41	0.1	4.7
647	SYL1751	3.0	0.5	13	66	0.1	6.0
648	SYL1752	7.4	0.3	3	66	tr.	4.3
649	SYL1753	13.8	0.8	5	64	0.1	3.3
650	SYL1754	tr.	0.8	3	82	0.1	4.0
651	SYL1801	tr.	0.8	5	62	0.1	8.5
652	SYL1802	tr.	3.6	7	140	0.1	8.8
653	SYL1803	tr.	1.2	20	98	0.1	2.4
654	SYL1804	tr.	1.2	24	167	0.1	1.4
655	SYL1805	4.2	1.5	13	46	0.1	2.3
656	SYL1806	1.8	0.9	8	134	0.1	5.6
657	SYL1807	2.8	0.7	11	48	0.1	4.9
658	SYL1851	1.4	0.5	4	63	0.1	4.7
659	SYL1852	3.7	0.7	76	51	0.1	6.2
660	SYL1853	tr.	0.7	18	25	0.1	4.9

付表5 マトウン川地区土地化学試料分析結果一覧表

Ser No	Sample No.	As (ppa)	Ag (ppa)	Mn (ppa)	Hg (ppb)	Au (ppn)	Sb (ppn)	Ser No	Sample No.	As (ppa)	Ag (ppa)	Mn (ppa)	Hg (ppb)	Au (ppa)	Sb (ppn)
1	MGL0101	tr.	1.2	23	94	0.1	7.3	41	MGL0308	2.0	0.3	25	441	0.1	8.7
2	MGL0102	tr.	1.0	14	62	0.1	3.8	42	MGL0309	10.6	0.5	62	252	0.1	7.8
3	MGL0103	tr.	0.8	37	85	0.1	12.7	43	MGL0310	22.5	0.5	114	183	0.1	9.5
4	MGL0104	tr.	0.8	13	72	0.1	4.2	44	MGL0311	24.1	0.3	258	57	0.1	16.0
5	MGL0105	4.6	0.6	39	83	0.1	11.1	45	MGL0312	23.3	0.3	232	47	0.1	7.0
6	MGL0106	13.8	0.7	12	264	0.1	7.3	46	MGL0313	22.5	0.4	151	57	0.1	7.5
7	MGL0107	36.9	0.5	9	377	0.1	4.4	47	MGL0314	6.9	0.9	334	78	0.1	10.5
8	MGL0108	29.5	1.0	219	84	0.1	5.1	48	MGL0315	18.4	0.8	262	57	0.1	16.8
9	MGL0110	22.2	1.5	60	42	0.1	6.7	49	MGL0316	29.0	0.6	303	76	0.1	26.1
10	MGL0111	5.5	1.1	9	75	0.2	9.3	50	MGL0317	31.2	0.5	332	86	0.1	7.2
11	MGL0112	4.6	0.9	8	74	0.2	5.1	51	MGL0401	4.1	0.6	9	120	0.1	6.0
12	MGL0113	3.7	1.0	7	70	0.2	17.5	52	MGL0402	5.1	0.7	38	104	0.1	7.5
13	MGL0114	6.0	0.8	9	92	0.2	2.1	53	MGL0403	17.9	0.7	8	187	0.1	7.2
14	MGL0115	3.2	1.2	9	79	0.2	3.6	54	MGL0404	12.2	0.7	8	261	0.1	6.2
15	MGL0116	3.7	0.9	6	70	0.1	9.3	55	MGL0405	18.4	0.4	11	690	0.2	5.6
16	MGL0117	5.1	0.8	8	56	0.1	3.9	56	MGL0406	17.4	0.4	4	683	0.1	4.2
17	MGL0201	tr.	0.7	21	189	0.1	1.6	57	MGL0407	3.6	1.1	3	164	0.1	6.2
18	MGL0202	tr.	0.5	10	224	0.1	7.3	58	MGL0408	tr.	0.6	3.0	67	0.1	5.9
19	MGL0203	tr.	0.7	10	186	0.1	11.8	59	MGL0409	25.1	0.3	21	93	0.1	5.2
20	MGL0204	6.3	0.9	9	277	0.1	tr.	60	MGL0410	31.2	0.7	49	95	0.1	4.6
21	MGL0205	11.1	0.9	9	768	0.1	10.0	61	MGL0411	10.2	0.5	6	68	0.2	3.1
22	MGL0206	26.2	0.7	26	492	0.1	2.4	62	MGL0412	10.2	1.0	7	78	0.2	3.8
23	MGL0207	24.9	1.1	178	112	0.1	3.3	63	MGL0413	15.4	0.7	14	91	0.2	3.9
24	MGL0208	21.3	0.5	233	144	0.1	7.3	64	MGL0414	9.2	0.6	32	42	0.1	5.7
25	MGL0209	15.1	0.8	362	86	0.1	0.8	65	MGL0415	9.7	0.6	6	50	0.1	6.9
26	MGL0210	20.0	0.4	193	48	0.2	1.8	66	MGL0416	18.4	0.8	8	86	0.2	4.6
27	MGL0211	tr.	0.4	18	57	0.1	4.1	67	MGL0417	15.4	0.7	8	72	0.1	3.9
28	MGL0212	tr.	0.8	8	67	0.1	10.6	68	MGL0501	26.1	0.5	5	335	0.1	3.9
29	MGL0213	tr.	0.8	13	51	0.1	4.2	69	MGL0502	37.4	0.5	9	484	0.1	7.0
30	MGL0214	tr.	0.5	4	52	tr.	2.3	70	MGL0503	37.4	0.8	11	540	0.2	5.9
31	MGL0215	tr.	0.6	7	44	0.1	3.1	71	MGL0504	16.4	1.0	16	535	0.1	7.0
32	MGL0216	6.1	0.9	6	50	0.1	19.8	72	MGL0505	17.4	0.7	24	896	0.2	6.9
33	MGL0217	5.7	0.7	5	46	0.1	5.6	73	MGL0506	24.6	0.6	31	268	0.1	14.0
34	MGL0301	8.6	0.6	7	182	0.1	12.6	74	MGL0507	9.2	0.5	16	114	0.1	35.6
35	MGL0302	12.7	0.5	18	216	0.1	11.6	75	MGL0508	tr.	0.4	9	73	0.1	3.4
36	MGL0303	11.9	0.5	66	133	0.1	3.1	76	MGL0509	8.2	0.8	3	107	0.1	4.7
37	MGL0304	23.3	0.4	41	278	0.1	9.0	77	MGL0510	29.2	0.6	6	134	0.1	22.6
38	MGL0305	10.2	0.5	14	846	0.2	9.0	78	MGL0511	3.1	0.3	5	24	0.1	19.4
39	MGL0306	5.3	0.2	6	422	tr.	10.9	79	MGL0512	15.4	0.5	11	62	0.2	9.6
40	MGL0307	4.1	0.6	14	140	0.1	9.0	80	MGL0513	7.2	0.3	10	70	0.1	9.1

Ser No	Sample No.	As (ppa)	Ag (ppa)	Mn (ppa)	Hg (ppb)	Au (ppa)	Sb (ppa)	Ser No	Sample No.	As (ppa)	Ag (ppa)	Mn (ppa)	Hg (ppb)	Au (ppa)	Sb (ppa)
81	MGL0514	5.6	0.4	7	50	0.2	10.1	121	MGL0803	35.5	0.5	5	223	0.1	tr.
82	MGL0515	7.2	0.5	9	74	0.2	9.1	122	MGL0804	23.1	0.3	6	143	0.1	13.6
83	MGL0516	6.6	0.4	7	245	0.1	9.3	123	MGL0805	24.5	0.7	4	115	0.2	1.0
84	MGL0517	4.1	0.5	6	280	0.1	10.3	124	MGL0806	29.5	0.6	13	339	0.4	15.2
85	MGL0601	87.1	0.7	12	551	0.2	43.6	125	MGL0807	25.4	0.2	5	194	0.1	6.9
86	MGL0602	63.0	0.6	14	839	0.2	7.6	126	MGL0808	16.2	0.4	5	160	0.1	7.6
87	MGL0603	18.4	0.3	5	478	0.1	12.9	127	MGL0809	18.9	0.2	4	138	0.1	2.9
88	MGL0604	9.2	0.3	5	401	0.1	11.8	128	MGL0810	16.6	0.2	3	112	0.3	45.3
89	MGL0605	tr.	0.1	6	395	0.1	1.5	129	MGL0811	21.2	0.3	5	101	0.1	tr.
90	MGL0606	tr.	0.1	3	214	0.1	tr.	130	MGL0812	37.4	0.2	6	193	0.3	tr.
91	MGL0607	7.2	0.1	13	322	0.2	tr.	131	MGL0813	42.9	0.2	3	182	0.1	tr.
92	MGL0608	4.6	0.2	5	287	0.1	tr.	132	MGL0814	tr.	0.3	5	149	0.2	4.5
93	MGL0609	4.1	0.1	3	149	0.1	tr.	133	MGL0815	42.5	0.7	5	137	0.3	8.3
94	MGL0610	26.6	0.1	7	164	0.2	tr.	134	MGL0816	0.5	0.5	7	82	0.1	7.7
95	MGL0611	27.1	0.7	40	160	0.1	tr.	135	MGL0817	0.9	0.5	12	124	0.2	2.5
96	MGL0612	17.4	0.5	5	155	2.4	tr.	136	MGL0901	4.2	0.4	10	202	0.1	2.0
97	MGL0613	22.0	0.3	2	154	0.1	tr.	137	MGL0902	29.5	0.5	10	201	0.1	2.5
98	MGL0614	4.6	0.6	4	319	0.1	1.9	138	MGL0903	27.7	0.6	6	187	0.1	1.7
99	MGL0615	12.3	0.5	7	326	0.1	2.2	139	MGL0904	24.9	0.5	8	155	0.3	11.1
100	MGL0616	4.1	0.5	3	674	0.1	1.0	140	MGL0905	45.2	0.4	15	174	0.2	2.5
101	MGL0617	19.9	0.5	8	179	0.2	13.8	141	MGL0906	36.0	0.3	9	185	0.1	22.1
102	MGL0701	48.1	0.6	18	473	0.2	1.0	142	MGL0907	33.7	0.5	9	142	0.1	tr.
103	MGL0702	30.7	0.5	15	293	0.1	1.7	143	MGL0908	55.4	0.5	9	127	0.3	4.2
104	MGL0703	15.4	0.6	12	298	0.1	1.3	144	MGL0909	75.2	0.6	26	140	0.1	3.1
105	MGL0704	tr.	0.3	4	171	0.1	tr.	145	MGL0910	62.8	0.6	4	157	0.2	6.8
106	MGL0705	tr.	0.6	14	340	0.1	tr.	146	MGL0911	61.4	0.8	4	126	0.3	1.6
107	MGL0706	6.1	0.4	3	226	0.1	7.4	147	MGL0912	55.8	0.5	6	132	0.2	2.6
108	MGL0707	6.1	0.2	3	248	0.1	3.2	148	MGL0913	50.8	0.5	11	176	0.2	2.1
109	MGL0708	15.9	0.3	42	276	0.1	tr.	149	MGL0914	2.8	0.6	8	122	0.1	2.8
110	MGL0709	16.6	0.3	3	131	0.1	9.9	150	MGL0915	2.3	0.4	6	106	0.1	0.5
111	MGL0710	27.2	0.4	8	166	0.1	tr.	151	MGL0916	tr.	0.3	11	125	0.1	0.8
112	MGL0711	4.2	0.3	7	135	0.1	3.4	152	MGL0917	2.8	0.4	8	110	0.2	1.0
113	MGL0712	13.4	0.4	22	122	0.1	tr.	153	MGL1001	0.5	0.7	6	51	0.3	1.0
114	MGL0713	18.0	0.6	5	139	0.1	tr.	154	MGL1002	31.4	0.6	11	96	0.2	1.0
115	MGL0714	5.1	0.4	6	125	0.3	tr.	155	MGL1003	37.4	0.2	196	105	1.3	0.8
116	MGL0715	0.9	0.4	4	200	0.1	tr.	156	MGL1004	44.8	0.4	11	181	0.2	0.8
117	MGL0716	10.2	0.6	11	104	0.2	tr.	157	MGL1005	26.8	0.3	9	241	0.2	tr.
118	MGL0717	2.8	0.6	3	90	0.1	0.7	158	MGL1006	43.4	0.3	15	131	0.1	1.8
119	MGL0801	tr.	0.4	7	331	0.2	0.5	159	MGL1007	56.8	0.3	17	110	0.3	3.9
120	MGL0802	37.8	0.4	9	271	0.1	tr.	160	MGL1008	75.7	0.7	15	189	0.2	5.4

Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)	Ser No	Sample No.	As (ppm)	Ag (ppm)	Mn (ppm)	Hg (ppb)	Au (ppm)	Sb (ppm)
161	MGL1009	76.1	0.7	14	151	tr.	2.6	201	MGL1215	9.7	0.6	8	215	tr.	4.7
162	MGL1010	58.2	0.5	8	84	0.1	tr.	202	MGL1216	27.2	0.6	7	135	0.1	5.1
163	MGL1011	6.9	0.6	25	96	0.1	tr.	203	MGL1217	49.8	0.7	7	328	tr.	6.2
164	MGL1012	35.5	0.4	11	68	0.1	4.2	204	MGL1301	14.8	0.6	11	257	tr.	4.2
165	MGL1013	35.5	0.3	7	82	0.3	3.1	205	MGL1302	17.1	0.4	10	201	0.1	11.1
166	MGL1014	7.4	0.4	31	67	0.1	5.0	206	MGL1303	19.4	0.5	27	129	0.1	4.7
167	MGL1015	7.4	0.6	50	117	0.2	5.2	207	MGL1304	9.2	0.6	302	101	0.1	9.3
168	MGL1016	7.8	0.6	115	209	0.1	3.1	208	MGL1305	9.7	0.3	137	208	0.3	4.6
169	MGL1017	2.3	0.5	9	151	tr.	2.6	209	MGL1306	2.3	0.2	23	114	tr.	6.2
170	MGL1101	0.5	0.5	13	257	0.1	15.1	210	MGL1307	tr.	0.5	52	113	0.1	4.1
171	MGL1102	6.9	0.5	15	188	0.1	3.1	211	MGL1308	tr.	0.4	41	116	0.1	8.7
172	MGL1103	6.5	0.5	39	128	0.2	3.4	212	MGL1309	tr.	0.6	94	155	tr.	11.8
173	MGL1104	39.2	0.5	50	60	0.1	1.6	213	MGL1310	tr.	0.4	313	164	0.1	3.9
174	MGL1105	35.5	0.6	87	272	0.2	3.1	214	MGL1311	tr.	0.3	54	142	0.1	9.0
175	MGL1106	19.4	0.6	34	228	0.3	5.9	215	MGL1312	141.2	0.4	37	88	0.2	7.7
176	MGL1107	0.5	0.6	38	236	0.1	2.9	216	MGL1313	82.6	0.3	18	102	0.1	10.6
177	MGL1108	tr.	0.4	19	118	0.1	4.4	217	MGL1314	23.1	0.6	28	174	tr.	5.4
178	MGL1109	5.1	0.6	17	245	0.2	5.2	218	MGL1315	6.5	0.5	26	70	0.1	6.4
179	MGL1110	1.8	0.5	19	58	tr.	4.1	219	MGL1316	26.3	0.8	148	120	0.1	12.2
180	MGL1111	tr.	0.6	12	38	0.1	tr.	220	MGL1317	33.7	0.5	16	96	0.1	8.5
181	MGL1112	4.6	0.5	231	tr.	0.1	1.5	221	MGL1401	31.4	0.6	338	98	tr.	7.0
182	MGL1113	tr.	0.6	54	122	0.1	3.1	222	MGL1402	19.4	0.6	187	251	tr.	1.8
183	MGL1114	tr.	0.6	111	72	0.1	6.7	223	MGL1403	1.8	0.7	92	255	tr.	2.4
184	MGL1115	12.0	0.4	13	139	0.1	8.8	224	MGL1404	6.5	0.5	231	196	tr.	3.8
185	MGL1116	7.4	0.5	6	68	tr.	4.4	225	MGL1405	45.2	0.6	100	208	tr.	1.8
186	MGL1117	0.5	0.4	2	4.2	0.2	4.4	226	MGL1406	37.4	0.4	67	225	0.1	8.7
187	MGL1201	9.2	0.7	508	162	0.1	2.4	227	MGL1407	tr.	0.4	145	176	tr.	3.1
188	MGL1202	11.1	0.5	36	198	tr.	1.6	228	MGL1408	tr.	0.6	13	167	0.1	3.6
189	MGL1203	12.0	0.8	90	140	0.1	4.1	229	MGL1409	tr.	0.7	48	150	0.1	6.0
190	MGL1204	19.4	0.9	20	200	tr.	2.0	230	MGL1410	tr.	0.5	52	131	0.1	4.9
191	MGL1205	13.4	0.5	27	156	0.1	1.6	231	MGL1411	tr.	0.4	115	454	tr.	4.6
192	MGL1206	22.6	0.6	151	99	0.1	2.0	232	MGL1412	65.5	0.5	647	186	tr.	9.5
193	MGL1207	tr.	0.7	26	140	0.1	1.0	233	MGL1413	69.2	0.7	198	88	tr.	3.3
194	MGL1208	3.7	0.8	13	249	tr.	5.7	234	MGL1414	62.8	0.5	559	129	0.1	3.5
195	MGL1209	tr.	0.8	26	215	tr.	tr.	235	MGL1415	55.8	0.5	467	108	0.1	4.6
196	MGL1210	tr.	0.5	12	154	0.1	1.8	236	MGL1416	18.0	0.5	458	91	0.1	6.0
197	MGL1211	tr.	0.6	28	225	0.1	2.1	237	MGL1417	51.7	0.4	43	64	0.1	5.6
198	MGL1212	7.4	0.6	29	90	tr.	1.6								
199	MGL1213	23.1	1.0	76	44	tr.	3.8								
200	MGL1214	11.1	0.9	21	218	0.2	8.0								

## 付表6 化学分析法および検出限界

### Detection Limits

Detection limits of the various analytical methods used for the elements analysed are shown below:-

Element	Detection Limit	Remarks
Au	0.1 ppm )	
Ag	0.1 ppm )	Analysed by Geological Survey of Malaysia, Sarawak
As	0.5 ppm )	
Sb	0.5 ppm )	
Hg	25 ppb )	
Mn	1.0 ppm )	
Au	0.01 ppm )	
Ag	0.1 ppm )	Analysed by Bishimetal Exploration Co., Ltd., Japan
Cu	1 ppm )	
Mo	1 ppm )	

### Analytical Methods of Geological Survey of Malaysia, Sarawak

#### Analysis of Au

- 1) Weigh 10 g of sample into a 150 ml beaker
- 2) Add 15 ml Conc. HCl and 5 ml Conc. HNO<sub>3</sub>
- 3) Decompose on sand bath until paste-like
- 4) Add 20 ml 10% HCl
- 5) Warm to dissolve the paste
- 6) Filter into a 100 ml standard flask
- 7) Add 5 ml of MIBK and shake vigorously for 2 minutes
- 8) Transfer organic phase into test tube and measure by AAS.

#### Analysis of Ag and Mn

- 1) Weigh 1 g of sample and transfer into a beaker
- 2) Add 10 ml HCl and 1 ml HNO<sub>3</sub>
- 3) Stir, cover with watch glass and heat in sand bath for 1 hour
- 4) Cool and transfer solution to a graduated test tube



- 5) Make up to 20 ml
- 6) Shake and allow to settle overnight
- 7) Measure with AAS

The AAS setting for the elements analysed using AAS is as shown below:-

Element	Wavelength (nm)	Slit Width (nm)	Current (mA)
Au	242.8	0.7	10
Ag	328.1	0.2	12
Mn	279.5	0.2	20

#### Analysis of As

- 1) Weigh 0.5 g of sample into test tube
- 2) Fuse with 2 g fused potassium bisulphate
- 3) Cool and add 10 ml (1 + 1) HCl
- 4) Leach in boiling water bath until completely dissolved
- 5) Add another 10 ml (1 + 1) HCl, shake to mix well and allow to settle overnight
- 6) Take 5 ml of the aliquot in flask, add 15 ml (1 + 1) HCl and 30 ml water
- 7) Add 5 ml of KI solution (15%) and 0.2 ml of SnCl<sub>2</sub> (45%)
- 8) Wait for 15 minutes and add about 8 g of zinc pellets (As free)
- 9) Connect flask to arsenic apparatus
- 10) allow gas to bubble through chloroform – Ag DDTC solution via patch of lead acetate-soaked glass wool until reaction stops
- 11) The resulting colour is compared against similarly prepared standards using a photo-spectrometer (wavelength 550 nm)

Chloroform-Ag DDTC solution is prepared by dissolving 1.25 g silver-diethyl dithiocarbamate and 0.82 g ephedrine in 500 ml chloroform.

#### Analysis of Sb

- 1) Weigh 1 g of sample into test tube
- 2) Add 3 g K<sub>2</sub>S<sub>2</sub>O<sub>7</sub> and fuse
- 3) Cool and add 20 ml of 1 : 1 HCl
- 4) Shake and allow to settle
- 5) Take 5 ml aliquot and add 0.2 ml Ce(SO<sub>4</sub>)<sub>2</sub> solution, 0.1 ml 1% HONH<sub>2</sub>Cl solution, 5 ml 8% (NaPO<sub>3</sub>)<sub>6</sub> solution, 1 ml 0.05% brilliant green solution followed immediately

by 5 ml toluene. Cerium sulphate solution — 0.1 M  $\text{Ce}(\text{SO}_4)_2$  in 1 M  $\text{H}_2\text{SO}_4$ .

- 6) Shake vigorously for 30 seconds
- 7) Compare with prepared standards using the photospectrometer set at wavelength 625 nm. Step 5 onwards is repeated with a lesser aliquot if concentration appears to be above standards.

#### Analysis of Hg

Hg is analysed using the Jerome Gold Film Mercury Detector, model 301. 1 g scoop sample is normally used but for sample suspected to be high in Hg, the 0.01 g scoop is sufficient.

#### Analytical Methods of Bishimetal Exploration Co., Ltd., Japan

##### Analysis of Au and Ag (Fire Assay)

- 1) Weigh 10–100 g of sample into a fire clay crucible and add 40 g soda ash, 30 g  $\text{PbO}$ , 10 g borax and 3 g starch and mix
- 2) Common salt is added to cover the mixture and an iron nail placed in the crucible
- 3) The charge is fused in a fusion furnace for 20 min. at  $600^\circ\text{C}$ , 10 min. at  $950^\circ\text{C}$  and 10 min. at  $1100^\circ\text{C}$
- 4) Fused charge is then poured into an iron mould and allowed to cool
- 5) The lead button is removed and hammered into a rough cubic shape
- 6) The lead button is placed in a bone ash cupel and cupelled in a muffle furnace for 15 min. at  $850^\circ\text{C}$
- 7) The dori formed is purified further by using a blow flame ( $820 + 10^\circ\text{C}$ )
- 8) Any bone ash attached to the Au-Ag bead is brushed off and the bead hammered into a thin foil and weighed
- 9) Add 4–5 ml conc.  $\text{HNO}_3$ , into porcelain crucible containing the Au-Ag foil and heat
- 10) Wash the residue of dark grey spongy gold
- 11) If gold not completely parted add silver foil and repeat (9) and (10)
- 12) Decant any water and dry the spongy gold under low heat and then place in muffle furnace until a shiny yellow piece of gold is formed
- 13) Weigh the gold and calculate the weight of Ag

#### **Analysis of Cu and Mo**

- 1) Weigh 2 g of sample into conical beaker
- 2) Add 10 ml of 1:1 HNO<sub>3</sub>
- 3) Dissolve by heating
- 4) Cool and transfer into 50 ml test-tube
- 5) Make up to 50 ml with distilled-water
- 6) Shake vigorously for 2 minutes
- 7) Measure by Inductively coupled Argon Plasma Emission Spectrophotometer

付表7 ロピ山地区ボーリング・コア分析結果一覧表

Serial No.	Drill Hole No.	Depth (m)	Au (g/t)	Ag (g/t)	Cu (%)	Mo (ppm)
1	MJM-1	43.4 - 45.0	tr.	tr.	0.15	27
2		65.0 - 67.0	tr.	tr.	0.11	56
3		67.0 - 69.0	tr.	tr.	0.07	68
4		69.0 - 71.0	tr.	tr.	0.10	125
5		71.0 - 73.0	tr.	tr.	0.09	67
6		121.0 - 123.0	tr.	tr.	0.05	84
7		123.0 - 125.0	tr.	tr.	0.07	52
8		135.0 - 137.0	tr.	tr.	0.07	46
9		137.0 - 139.0	tr.	tr.	0.06	53
10		139.0 - 141.0	tr.	tr.	0.14	50
11		141.0 - 143.0	tr.	tr.	0.27	95
12		143.0 - 195.0	tr.	tr.	0.21	36
13		145.0 - 147.0	tr.	tr.	0.13	18
14		147.0 - 149.0	tr.	tr.	0.13	23
15		149.0 - 151.0	tr.	tr.	0.18	24
16		151.0 - 153.0	tr.	tr.	0.15	17
17		153.0 - 155.0	tr.	tr.	0.12	22
18		155.0 - 157.0	tr.	tr.	0.17	74
19		157.0 - 160.0	tr.	tr.	0.25	64
20		160.0 - 162.0	tr.	tr.	0.25	124
21		162.0 - 164.0	tr.	tr.	0.23	104
22		164.0 - 166.0	tr.	tr.	0.25	93
23		166.0 - 168.0	tr.	0.84	0.19	50
24		168.0 - 170.0	tr.	tr.	0.16	37
25		170.0 - 172.0	tr.	1.05	0.22	25
26		172.0 - 174.0	tr.	tr.	0.16	30
27		174.0 - 176.0	tr.	0.70	0.17	46
28		176.0 - 178.0	tr.	tr.	0.15	49
29		178.0 - 180.0	tr.	tr.	0.15	41
30		180.0 - 182.0	tr.	tr.	0.19	66
31		182.0 - 184.0	tr.	tr.	0.29	43
32		184.0 - 186.0	tr.	0.21	0.11	48
33		186.0 - 188.0	tr.	tr.	0.12	59
34		188.0 - 190.0	tr.	0.21	0.17	41
35		228.0 - 230.0	tr.	tr.	0.13	55

Serial No.	Drill Hole No.	Depth (m)	Au (g/t)	Ag (g/t)	Cu (%)	Mo (ppm)	
36	MJM-2	35.0 – 37.0	tr.	tr.	tr.	9	
37		37.0 – 39.0	tr.	tr.	tr.	5	
38		39.0 – 41.0	tr.	tr.	tr.	8	
39		41.0 – 43.0	tr.	tr.	tr.	5	
40		43.0 – 45.0	tr.	tr.	tr.	7	
41		85.0 – 87.0	tr.	tr.	tr.	10	
42		87.0 – 89.0	tr.	tr.	tr.	8	
43		89.0 – 91.0	tr.	tr.	tr.	6	
44		91.0 – 93.0	tr.	tr.	tr.	15	
45		93.0 – 95.0	tr.	tr.	tr.	10	
46		MJM-3	50.0 – 52.0	tr.	tr.	0.30	21
47			52.0 – 54.0	tr.	tr.	0.21	21
48			54.0 – 56.0	tr.	tr.	0.30	13
49			56.0 – 58.0	tr.	1.10	0.23	13
50			58.0 – 60.0	tr.	tr.	0.30	18
51	60.0 – 62.0		tr.	tr.	0.27	12	
52	62.0 – 64.0		tr.	tr.	0.14	37	
53	64.0 – 66.0		tr.	tr.	0.18	14	
54	66.0 – 68.0		tr.	tr.	0.20	16	
55	68.0 – 70.0		tr.	1.30	0.20	16	
56	70.0 – 72.0		tr.	0.42	0.19	25	
57	72.0 – 74.0		tr.	tr.	0.17	19	
58	74.0 – 76.0		tr.	0.42	0.23	18	
59	76.0 – 78.0		tr.	0.21	0.15	19	
60	78.0 – 80.0		tr.	tr.	0.19	20	
61	80.0 – 82.0		tr.	0.84	0.17	24	
62	82.0 – 84.0	tr.	tr.	0.19	22		
63	84.0 – 86.0	tr.	0.63	0.25	24		
64	86.0 – 88.0	tr.	tr.	0.19	40		
65	88.0 – 90.0	tr.	0.84	0.19	26		
66	90.0 – 92.0	tr.	tr.	0.21	37		
67	92.0 – 94.0	tr.	tr.	0.46	36		
68	94.0 – 96.0	tr.	tr.	0.35	43		
69	96.0 – 98.0	tr.	0.36	0.26	44		
70	98.0 – 100.0	tr.	0.21	0.31	48		
71	100.0 – 102.0	tr.	tr.	0.23	47		

Serial No.	Drill Hole No.	Depth (m)	Au (g/t)	Ag (g/t)	Cu (%)	Mo (ppm)
72	MJM-3	102.0 – 104.0	tr.	0.42	0.28	47
73		104.0 – 106.0	tr.	0.42	0.27	55
74		106.0 – 108.0	tr.	tr.	0.13	43
75		108.0 – 110.0	tr.	tr.	0.17	62
76		110.0 – 112.0	tr.	tr.	0.15	45
77		112.0 – 114.0	tr.	tr.	0.19	57
78		114.0 – 116.0	tr.	tr.	0.08	40
79		116.0 – 118.0	tr.	tr.	0.13	48
80		118.0 – 120.0	tr.	tr.	0.04	15
81		120.0 – 122.0	NA	NA	0.06	18
82		122.0 – 124.0	NA	NA	0.06	46
83		124.0 – 126.0	NA	NA	0.04	43
84		126.0 – 128.0	NA	NA	0.02	40
85		128.0 – 130.0	NA	NA	0.03	40
86		130.0 – 132.0	NA	NA	0.05	45
87		132.0 – 134.0	NA	NA	0.07	50
88		134.0 – 136.0	NA	NA	0.03	39
89		136.0 – 138.0	NA	NA	0.04	38
90		138.0 – 140.0	NA	NA	0.04	49
91		140.0 – 142.0	NA	NA	0.05	48
92		142.0 – 144.0	NA	NA	0.03	44
93		144.0 – 146.0	NA	NA	0.06	52
94		146.0 – 148.0	NA	NA	0.03	52
95		148.0 – 150.0	NA	NA	0.04	49

NA – Not Analysed

tr. – Trace

付表8 ロピ山地区ボーリング・コア鉱石研磨片鑑定結果一覧表

Ser. No.	Sample		Macroscopic Observations	Microscopic Observations	Ore Minerals Observed											
	Drill Hole	Depth			Cp	Bo	Cc	Cv	Py	Mc	Po	Ga	Sp	Mo		
1	MJM-1	44m	Bornite-bearing porphyry ore	Ore minerals : Bornite > Chalcopyrite > Pyrrhotite Ore minerals are filling in small cavity and disseminated in quartz veinlet.	○	○					○					
2	MJM-1	66m	Molybdenite-bearing porphyry ore	Ore minerals are common, but poor in quantity. Molybdenite occurs in soft gangue mineral and quartz veinlet. Bornite, chalcopyrite, pyrrhotite and pyrite are also found in porphyry matrix.	○	○				○		○				○
3	MJM-1	122m	Chalcopyrite rich porphyry ore	Chalcopyrite occurs paragenetically with quartz veinlet.	○											
4	MJM-1	140m	Chalcopyrite rich porphyry ore	Ore minerals are sparsely distributed in and along quartz veinlets.	○				○		○					
5	MJM-1	165m	Chalcopyrite-pyrrhotite disseminated ore with quartz veinlets	Chalcopyrite forms irregularly anhedral. Pyrrhotite shows granular texture. Tiny sphalerite is rarely observed.	○				○						○	
6	MJM-1	171m	Sulphide-poor porphyry ore	Anhedral chalcopyrite is closely associated with pyrrhotite and sparsely distributed in pyrrhotite-quartz veinlets and porphyry matrix.	○						○					
7	MJM-1	179m	Sulphide rich porphyry ore	Chalcopyrite and pyrrhotite are accompanied with quartz veinlets.	○						○					
8	MJM-1	181m	Sulphide very poor porphyry ore	Fine-grained chalcopyrite and pyrrhotite sparsely distributed in porphyry matrix and quartz veinlets.	○						○					
9	MJM-1	187m	Sulphide very poor porphyry ore	Sulphide minerals of chalcopyrite and pyrrhotite							○					
10	MJM-1	229m	Brown skarn type ore	Sulphide minerals are concentrated in and near skarn parts. Chalcopyrite and pyrrhotite occur paragenetically. Pyrite is not much but sparsely distributed in sulphide zone.	○				○	○	○				○	
11	MJM-2	86m	Sulphide poorly disseminated porphyry ore	Most of sulphide is composed of pyrrhotite. Marcasite occurs as a decomposition product of pyrrhotite. Pyrite occurs as veinlet and dissemination.					○	○	○					
12	MJM-2	92m	Sulphide poorly disseminated porphyry ore	Most of sulphide is composed of pyrrhotite. Small amount of galena showing triangular pits is observed.							○	○				
13	MJM-2	94m	Sulphide poorly disseminated porphyry ore	Only pyrrhotite is disseminated with a small amount of marcasite in porphyry matrix.						○	○					
14	MJM-3	63m	Supergene oxidized ore	Primary quartzose zone and supergene oxidized zone are distinguished. Chalcopyrite and pyrite are observed mainly in the primary zone. Covellite and chalcocite are dominant in the transitional zone.	○		○	○	○							
15	MJM-3	67m	Banded quartzose ore Sulphide poor	Ore minerals : Chalcopyrite > pyrite > pyrrhotite Sulphide minerals occur along banded texture of quartz vein.	○				○		○					
16	MJM-3	71m	Quartzose ore sulphide poor	Very fine-grained chalcopyrite is disseminated not only in quartzose part but also in porphyry matrix. Lesser pyrite is also observed.	○				○							○
17	MJM-3	83m	Banded quartzose ore sulphide poor	Sulphide minerals of chalcopyrite and pyrite are disseminated in quartzose part and porphyry matrix.	○				○							
18	MJM-3	89m	Longitudinal vein in porphyry sulphide poor	Very fine-grained chalcopyrite and pyrite occur in the quartz vein.	○				○							
19	MJM-3	99m	Quartz vein	Sulphide minerals of chalcopyrite, pyrite, pyrrhotite and sphalerite are disseminated in the quartz vein. Sphalerite is associated with chalcopyrite.	○				○		○				○	
20	MJM-3	107m	Quartz vein sulphide very poor	Sulphide minerals of chalcopyrite and pyrite are observed in quartz vein. A few grains of molybdenite are also observed.	○				○							○
21	MJM-3	113m	Greenish gray porphyry ore sulphide poor	Chalcopyrite and pyrite are disseminated in porphyry.	○				○							

Abbreviations; Cp : Chalcopyrite, Bo : Bornite, Cc : Chalcocite, Cv : Covellite, Py : Pyrite, Mc : Marcasite, Po : Pyrrhotite, Ga : Galena, Sp : Sphalerite, Mo : Molybdenite





付表9 ロピ山地区I. P. 法電気探査使用機器一覧表

Instruments	Maker	Quantity	Remarks
IP Transmitter CH-T7801	Chiba Electric Co., JAPAN	1	Maximum output power 2.5A, 800V
IP Receiver CH-R7801,2	Chiba Electric Co., JAPAN	2	
Engine Generator Model 421	Geotronics Inc. USA	1	Maximum output power 3kW, 400Hz, 115V
IP Checker Model 522A	Chiba Electric Co., JAPAN	1	
Remote-control Switching System CH807	Chiba Electric Co., JAPAN	1	32ch
Telephone Model P11	Nobel Co., JAPAN	3	

付表10 ロピ山地区ボーリング使用機械、ダイヤモンドビットおよび消耗品使用状況表一覧表

A. Machines			
Article	Model	Specifications	Quantity
Drilling Machine	Model "L-34-76" (Long Year Co.)	Capacity: BQ-WL 475 m Dimensions: Height 1,450 mm Length 2,570 mm Width 1,120 mm Weight (without Power Unit): 1,450 kg	1 set
	Swivel Head	Spindle Speed: Low/R 28, 56, 102, 170 r.p.m. High/R 290, 600, 1,100, 1,850 r.p.m.	
	Hoist	Type: Planetary Gear Type (Power Up) Capacity: 4,800 kg	
	Oil Pump	Type: Hydr. Recine (2-FA) Capacity: 20/min Pressure: Max. 70 kg/cm <sup>2</sup>	
Motor	Model "HR3" (Lister)	Diesel Engine: 3 Cycle Air-cool Type Revolution: 1,500 ~ 2,000 r.p.m. Related Power: 38 P.S.	1 set
Drilling Pump	Model "520RD" (Long Year Co.)	Triplex Single acting positive displacement Weight (without Power Unit): 395 kg Piston Diameter: 57 mm Stroke: 57 mm Max. Capacity: 76/min Max. Pressure: 49 kg/cm <sup>2</sup>	1 set
Water Supply Pump	Model "MS303ECK" (Maruyama Co.)	Gasoline Engine (Kubota Co.) Revolution: 2,200 r.p.m. Related Power: 28 P.S.	1 set
Derrick	Iron Steel Type	9 m	1 set
Mixer	Model "MP-1" (Maikai Co.)	140 ℓ	1 set
Generator	Model "EP850" (Hokuetsu Co.)	0.85 KVA	1 set
Drill Rod		NQ - 3.0 m	45 pcs
		BQ - 3.0 m	85 pcs
Casing Pipe		97 mm - 1.5 m	10 pcs
		97 mm - 0.5 m	4 pcs
		73 mm - 3.0 m	98 pcs
Wireline Hoist		Attached to Drilling Machine	1 set
Rod Safety Clamps		LH Type	1 set
Water Swivel		NW Type	1 set
Hoisting Swivel		L Type	1 set

B. Consumed Materials

Article	Specification	Unit	Quantity			
			MJM-1	MJM-2	MJM-3	Total
Gasoline	Generator	L	464	200	240	904
Light Oil	Engine	L	1,320	920	1,296	3,536
Mobil Oil	Engine	L	96	60	70	226
Mission Oil	Gear	L	20	25	40	85
Turbine Oil	Oil Pressure	L	180	20	200	400
Grease		kg				60
Cutting Oil		L				70
Metal Crown	101	pcs	1	1	2	4
Single Core Tube	99 m/m x 0.5 m	set				2
Double Core Tube	NQ-WL	set				1
do	BQ-WL	set				2
Wire Cutter	12 m/m	pg				1
Core Tube Head	99	pcs				1
Casing Head	97	pcs				1
do	73	pcs				2
Casing Metal Shoe	97 m/m	pcs				3
do	73	pcs				3
Cement		pack				6
Rag		kg				60
Core Box		pcs	27	32	18	77
Board	20 m/m	m <sup>3</sup>				1.5
Wire	#10	kg				70
do	#12	kg				40
Nail	75 m/m	kg				20
do	38 m/m	kg				20
Wire Rope	10 m/m x 50 m	vol				1
Manila Rope	19 m/m x 50 m	vol				1
Binyl Rope	8 m/m x 70 m	vol				1
V-Belt	Engine	set				6
do	Pumpe	set				4
Wire Rope	5 m/m x 350 m	vol				1
Core-Lifter	NQ-WL	pcs				13
do	BQ-WL	pcs				18
Core-Lifter Case	NQ-WL	pcs				9
do	NQ-WL	pcs				10
WL-Accessory	NQ-WL	set				1
	BQ-WL	set				1
Working Dress	M, L	set				6
Working Gloves		pair				120
Working Shoes	25 ~ 27 cm	pair				3
Pressure Gauge	70 kg/cm <sup>2</sup>	pcs				2
Bentnite		kg	3,680	3,680	4,000	11,280
C.M.C		kg	95	60	95	250
Mud Seal		kg				200

C. Consumed Bits

Bit Type		MJM-1		MJM-2		MJM-3		Total	
		Drilled Length	Quantity	Drilled Length	Quantity	Drilled Length	Quantity	Drilled Length	Quantity
IOI Single	Bit	15.00 m	1 pcs	6.00 m	1 pcs	33.90 m	2 pcs	54.90 m	4 pcs
	Reamer	-	-	-	-	-	-	-	-
NQ-WL	Bit	115.10	7	125.40	2	44.30	4	284.80	13
	Reamer	115.10	1	125.40	1	44.30	2	284.80	4
BQ-WL	Bit	111.20	8	119.10	4	122.80	6	353.10	18
	Reamer	111.20	1	119.10	1	122.80	2	353.10	4



付表11 ロピ山地区ボーリング移設・運搬実績表

Item		Hole No.		MJM-1		MJM-2		MJM-3		
Moving Operation	In	Jul. 29, 1984		Sep. 16, 1984		Oct. 7, 1984				
		Aug. 14, 1984		Sep. 23, 1984		Oct. 14, 1984				
	Out	Sep. 11, 1984		Oct. 6, 1984		Oct. 30, 1984				
		Sep. 15, 1984		Oct. 6, 1984		Nov. 4, 1984		Total		
		Day	Man-day	Day	Man-day	Day	Man-day	Day	Man-day	
Preparation	Road Reinstatement		7	84	3	99	3	78	13	261
	Haulage		5	85	2	67	3	78	10	230
	Installation		4	64	3	96	2	52	9	212
	Test Run, etc.		1	14					1	14
	Total		17	247	8	262	8	208	33	717
Removal	Dismounting		2	50	0.5	12	3	23	5.5	85
	Pull out of casing pipes		2	48	0.5	11	1	9	3.5	68
	Haulage									
	Road Reinstatement									
	Others		1	17			2	6	3	23
	Total		5	115	1	23	6	38	12	176
Grand Total		22	362	9	285	14	246	45	893	

付表12 ロビ山地区ボーリングMJM-1 孔実績表

		Periods		Number of Days	Actual Working Days	Pay off	Total Number of Workers
Drilling Period	Preparation	Jul. 29, 1984 ~ Aug. 14, 1984		17	17	0	247
	Drilling	Aug. 15, 1984 ~ Sep. 10, 1984		27	26	1	391
	Removing	Sept. 11, 1984 ~ Sep. 15, 1984		5	5	0	115
	Total	Jun. 29, 1984 ~ Sep. 15, 1984		49	48	1	753
Drilling Length	Planned Length	240.00 m	Overburden	23.80 m	Core Recovery for Each 100 m Section		
	Increase or Decrease in Length	- m	Core Length	209.50 m	Depth (m)	Section (%)	Total (%)
	Drilled Length	241.30 m	Core Recovery	96.32 %	0-100	87.53	87.53
	Drilling	208°20'	45.59 %	32.91 %	100-200	99.50	96.32
Working Time	Accompanying Works	215°20'	47.12	34.02	200-300		
	Repairing	33°20'	7.29	5.27	300-400		
	Total	457°00'	100 %	72.20	Drilling Efficiency		
	Preparation	78°00'		12.32	241.30 m/27 days (Total Length (m) / Drilling Period)		8.94 m/Day
	Moving	18°00'		2.84	241.30 m/26 days (Total Length (m) / Working Days)		9.28 m/Day
	Others	80°00'		12.64	241.30 m/21 days (Total Length (m) / Net Drilling Days)		11.49 m/Day
Grand Total	633°00'		100 %	391 men/241.30 m (Net Drilling Workers / Total Length (m))		1.62 men/m	
Inserted Casing Pipe	Pipe size & Inserted Length (m)	Inserted Length / Drilling Length x 100%		Recovery of Casing Pipe (%)		Remarks	
	97 CP 26.44	10.95	100				
	73 CP 130.10	53.91	100				

付表13 ロビ山地区ボーリングMJM-2 孔実績表

		Periods		Number of Days	Actual Working Days	Pay off	Total Number of Workers
Drilling Period	Preparation	Sept. 16, 1984 ~ Sep. 23, 1984		8	8	0	262
	Drilling	Sept. 24, 1984 ~ Oct. 5, 1984		12	12	0	304
	Removing	Oct. 6, 1984 ~ Oct. 6, 1984		1	1	0	23
	Total	Sep. 16, 1984 ~ Oct. 6, 1984		21	21	0	589
Drilling Length	Planned Length	250.00 m	Overburden	6.00 m	Core Recovery for Each 100 m Section		
	Increase or Decrease in Length	m	Core Length	240.70 m	Depth (m)	Section (%)	Total (%)
	Drilled Length	250.50 m	Core Recovery	98.44 %	0-100	97.34	97.34
	Drilling	130°50'	56.56 %	40.84 %	100-200	98.80	98.44
Working Time	Accompanying Works	91.50	39.70	28.67	200-300		
	Repairing	8.40	3.74	2.71	300-400		
	Total	231.20	100	72.22	Drilling Efficiency		
	Preparation	59.00		18.42	250.50 m/12 days (Total Length (m) / Drilling Period)		20.87 m/Day
	Moving	10.00		3.12	250.50 m/12 days (Total Length (m) / Working Days)		20.87 m/Day
	Others	20.00		6.24	250.50 m/12 days (Total Length (m) / Net Drilling Days)		20.87 m/Day
Grand Total	320.20		100	304 men/250.50 m (Net Drilling Workers / Total Length (m))		1.21 men/m	
Inserted Casing Pipe	Pipe size & Inserted Length (m)	Inserted Length / Drilling Length x 100%		Recovery of Casing Pipe (%)		Remarks	
	97 CP 6.00	2.4	100				
	73 CP 131.50	52.5	100				

付表14 ロピ山地区ボーリングMJM-3 孔実績表

		Periods		Number of Days	Actual Working Days	Pay off	Total Number of Workers
Drilling Period	Preparation	Oct. 7, 1984 ~ Oct. 14, 1984		8	8	0	208
	Drilling	Oct. 15, 1984 ~ Oct. 29, 1984		15	15	0	251
	Removing	Oct. 30, 1984 ~ Nov. 4, 1984		6	6	0	38
	Total	Oct. 7, 1984 ~ Nov. 4, 1984		29	29	0	497
Drilling Length	Planned Length	200.00 m	Overburden	33.90 m	Core Recovery for Each 100 m Section		
	Increase of Decrease in Length	m	Core Length	148.30 m	Depth (m)	Section (%)	Total (%)
	Drilled Length	201.00 m	Core Recovery	88.74 %	0-100	76.40	76.40
	Drilling	175.20	53.29 %	39.58 %	100-200	96.80	88.74
Working Time	Accompanying Works	135.50	41.29	30.66	200-300		
	Repairing	17.50	5.42	4.03	300-400		
	Total	329.00	100	74.27	Drilling Efficiency		
	Preparation	51.00		11.51	201.00 m/15 days (Total Length (m) / Drilling Period)		13.40 m/Day
	Moving	16.00		3.61	201.00 m/15 days (Total Length (m) / Working Days)		13.40 m/Day
	Others	47.00		10.61	201.00 m/15 days (Total Length (m) / Net Drilling Days)		13.40 m/Day
Grand Total	443.00		100	251 men/201.00 m (Net Drilling Workers / Total Length (m))		1.24 men/m	
Inserted Casing Pipe	Pipe size & Inserted Length (m)	Inserted Length / Recovery of Drilling Length x 100% / Casing Pipe (%)		Remarks			
	97 CP 33.26	16.5	100				
	73 CP 76.20	37.9	100				

付表15 ロピ山地区ボーリング作業成績表

Drill Hole No.	Machine Type	Drilling Period	Drilled Length	Core		Number of Drilling Shift			Drilling Speed	
				Length	Recovery	Drilling	Casing etc.	Total	m/shift*	m/shift**
MJM-1	L-34	Aug. 15, '84 ~ Sep. 10, '84	241.30 m	209.50 m	96.32 %	33	1	34	7.10 m	7.31 m
MJM-2	L-34	Sep. 24, '84 ~ Oct. 5, '84	250.50	240.70	98.44	20	1	21	11.93	12.53
MJM-3	L-34	Oct. 15, '84 ~ Oct. 29, '84	201.00	148.30	88.74	27	1	28	7.18	7.44
Total			692.80	598.50	95.13	80	3	83	8.35	8.66







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