

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks
1	K 1 30.8	drill core	gz vein, 0.30m	in grd,wp,az,bb				X		
2	K 1 34.8	drill core	olay, in grd	p-grm-whit				X		xrcal chl
3	K 1 48.7	drill core	grd, stg sil	whit with grn spot						task ed, path up, in
4	K 1 92.8	drill core	oal vein, 30cm					X		
5	K 1 94.2	drill core	stg sil, op, az, sh	p-brn				X		
6	K 1 104.1	drill core	olay, in sil grd orus	p-grm-whit				X		ts, sil sk, oal, not pth, py, op
7	K 2 22.0	drill core	sk, fng, dk-brn, stg	crushed to rubble				X		xrcal chl, keol, ser
8	K 2 38.5	drill core	sk, fng, p-brn					X		xrcal ga, keol, ser, chl
9	K 2 77.2	drill core	oal, y, druse, 1.0m					X		xrcal oal, zeol, ser, chl
10	K 2 77.3	drill core	30cm oal, y, druse	in p-grm, ak				X		
11	K 3 25.7	drill core	sk/ls band							
12	K 3 26.7	drill core	sk/ls band							
13	K 3 28.1	drill core	grm-Cu	in fng, sk, gr-bm				X		ps, op, ga, sk, or, mal, py
14	K 3 28.4	drill core	sk, fng, grm-Cu, ep	p-brn				X		xrcal
15	K 3 34.2	drill core	grm-Cu	0.50m oal, v				X		ps, op, ga, sk, ory
16	K 3 48.9	drill core	sk, fng, ga	p-grm-brn, Cu				X		
17	K 3 52.8	drill core	sk, fng, grm-Cu, ep	ga				X		xrcal, op
18	K 3 55.2	drill core	grm-Cu	in sk, p-grm-brn band				X		ps, op, ga, sk, ory
19	K 3 65.9	drill core	oal vein, 1.0m	in fng, sk				X		
20	K 3 66.0	drill core	grm-Cu	0.20m oal, v				X		ps, op, ga, sk
21	K 3 66.7	drill core	grm-Cu	in p-grm, ak				X		ps, op, ga, sk
22	K 3 95.5	drill core	gz vein, 0.50m	in p-brm, fng, ak				X		
23	K 3 109.1	drill core	grd, stg sil	p-grm, with p-brm, ak				X		ts, op, ga, sk, or, py, ep
24	K 3 118.0	drill core	gz vein, 30cm	in fng, sk				X		
25	K 4 34.5	drill core	gz vein, 1.0m	in sil, rock				X		
26	K 4 61.2	drill core	olay, sand, in grd	p-brm-grm-whit				X		xrcal, keol, ser
27	K 5 25.9	drill core	grm-Cu	in grd, ep, sil				X		ps, op, ga, sk, ory, bo, or, co
28	K 5 35.9	drill core	bitis-Cu	in oal vein, 30cm				X		ps, oal, gr, or, py, op
29	K 5 74.7	drill core	sk, fng, ga	p-grm-brn band				X		ts, op, ga, sk, chl, apt, sphn
30	K 6 55.4	drill core	grm-Cu	in grd				X		ps, op, ga, sk
31	K 6 67.5	drill core	sk, p-grm	in ls				X		ps, op, ga, sk, oal, to, hm, gt
32	K 6 72.8	drill core	pk mineral, in ls	brn, whit, ori				X		xrcal, chl
33	K 6 117.3	drill core	olay, p-brn	in oal, of, ls				X		xrcal, keol

TS: thin section, PS: polished thin section, FI: homogenized temperature of fluid inclusion
 CA: chemical analysis (Au, Ag, Cu, Pb, Zn, Mo, As, Sb) XR: X-ray diffraction method

Appendix 10 (1) Sample List of Laboratory Works (1)

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks	sample No.	Wt, mg	Au, ppm	Ag, ppm	Cu, ppm	Zn, ppm	Pb, ppm	As, ppm	Sb, ppm	
34	K 6 129.8	drill core	log ls, round	matrix-brm, oal							K 6 129.8									
35	K 6 201.8	drill core	ordip-brm, oalo								K 6 201.8									
36	K 6 209.5	drill core	grd	weathered	X					ts:orj,ak,bb,oal,rich,ser,hl,py,gt	K 6 209.5									
37	K 7 34.7	drill core	asp	in ls with sk	X	X				ps:ra,sk,py,oal,gr,op	K 7 34.7	0.05	<0.5	0.00	4.5	34.8	<0.5	51	<2.5	
38	K 7 37.6	drill core	py,oxd	in fine gr sk,pr,grn	X	X				ps:ra,sk,py,oal,gr,tm,py	K 7 37.6	0.06	<0.5	0.00	7.2	63.7	0.5	65	<2.5	
39	K 7 38.8	drill core	grn sk/sil ls		X	X				ts:gr,wol,sk,oal,act	K 7 38.8	<0.03	<0.5	0.00	5.0	100.0	<0.5	6	<2.5	
40	K 7 43.3	drill core	gr sk		X	X				ts:op,gr,sk,oal,wol	K 7 43.3	<0.03	<0.5	0.00	57.8	282.0	<0.5	27	<2.5	
41	K 7 50.2	drill core	grn sk/sil ls		X	X				ts:wol,gr,sk,oal,opx	K 7 50.2	<0.03	<0.5	0.00	5.8	70.1	<0.5	12	<2.5	
42	K 7 54.2	drill core	ls, sil	with pk oal network	X					ts:wol,sk,oal,ze	K 7 54.2									
43	K 7 55.0	drill core	oal network, pk					X		ar:ool,zeol	K 7 55.0									
44	KT 1 1	trench-I	sk	in ls sil wht				X			KT 1 1	0.3	0.17	<0.5	0.02	14	12	0.4	26	<1.3
45	KT 1 2	trench-I	grd,sg sil	pr,grn				X			KT 1 2	0.4	0.28	0.6	0.04	15	24	0.5	5	<1.3
46	KT 1 3	trench-I	grd,hb	pr,grn,wk,sk	X			X		ts:sk,grd,pr,wh	KT 1 3	2.1	0.16	2.1	0.09	19	19	2.7	8	1.0
47	KT 1 4	trench-I	grd	hb,Cu				X			KT 1 4	1.3	1.29	3.3	0.22	35	40	1.2	16	<1.3
48	KT 1 5	trench-I	grd	hb				X			KT 1 5	2.2	0.06	0.8	0.08	20	30	2.8	11	<1.3
49	KT 1 6	trench-I	grd	hb				X			KT 1 6	1.0	0.05	<0.5	0.04	40	39	3.1	7	<1.3
50	KT 1 7	trench-I	grd	gr>hb>bio,sk,Cu				X			KT 1 7	0.7	0.22	1.4	0.12	29	31	1.7	12	<1.3
51	KT 1 8	trench-I	grd with sk	sk				X			KT 1 8	0.5	0.35	3.2	0.16	52	24	2.2	14	<1.3
52	KT 1 9	trench-I	grd with sk	sk along J				X			KT 1 9	1.8	0.13	1.2	0.05	26	33	1.6	5	<1.3
53	KT 1 10	trench-I	grd with sk	wk,sk,Cu				X			KT 1 10	2.0	0.04	<0.5	0.02	24	37	0.8	5	<1.3
54	KT 1 11	trench-I	grd					X			KT 1 11	1.9	0.13	1.8	0.14	25	41	1.8	17	<1.3
55	KT 1 12	trench-I	grd	sk,Cu				X			KT 1 12	2.5	0.94	8.9	0.65	44	28	2.3	20	<1.3
56	KT 1 13	trench-I	ze,sk					X			KT 1 13	2.0	0.05	<0.5	0.06	5	13	0.3	29	<1.3
57	KT 1 14	trench-I	ze,sk		X			X		ps:op,gr,sk,py,mal,op	KT 1 14	2.0	0.39	1.6	0.49	5	22	0.3	31	<1.3
58	KT 1 15	trench-I	ze,sk					X			KT 1 15	2.1	<0.03	<0.5	0.01	4	15	<0.3	27	<1.3
59	KT 1 16	trench-I	ze,sk					X			KT 1 16	2.0	<0.03	<0.5	0.03	5	29	<0.3	16	<1.3
60	KT 1 17	trench-I	ze,sk					X			KT 1 17	2.0	<0.03	<0.5	0.02	7	12	0.3	33	<1.3
61	KT 1 18	trench-I	ls with sk					X			KT 1 18	2.0	0.04	<0.5	0.28	5	9	0.8	16	<1.3
62	KT 1 19	trench-I	ls with sk					X			KT 1 19	2.0	<0.03	<0.5	0.02	4	5	0.3	5	<1.3
63	KT 1 20	trench-I	ls with sk					X			KT 1 20	2.0	0.12	1.1	0.06	4	7	<0.3	10	<1.3
64	KT 1 21	trench-I	ls					X			KT 1 21	2.0	0.05	1.3	0.10	5	8	<0.3	12	<1.3
65	KT 1 22	trench-I	ls					X			KT 1 22	2.1	0.19	9.6	0.70	9	8	1.3	8	<1.3
66	KT 1 23	trench-I	ls					X			KT 1 23	1.8	0.04	<0.5	0.02	3	12	4.9	6	<1.3

TS : thin section, PS : polished thin section, FI : homogenized temperature of fluid inclusion
CA : chemical analysis(Au,Ag,Cu,Pb,Zn,Mo,As,Sb) XR : X-ray diffraction method

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST of LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	Fl	CA	XR	remarks	Wt. in Au, ppm	Ag, ppm	Cu, %	Zn, ppm	Pb, ppm	As, ppm	Sb, ppm
67	KT 1 24	trench- I	is					X			0.04	<0.5	0.01	5	13	0.4	8
68	KT 1 25	trench- I	sa sk,gr	conbo,Cu				X			0.14	0.6	0.24	6	29	2.6	45
69	KT 2 1	trench- II	grd with sk	wh sa sk				X			0.17	<0.5	0.11	29	58	6.3	14
70	KT 2 2	trench- II	grd with sk	wh sa sk				X			0.14	<0.5	0.08	12	17	3.6	10
71	KT 2 3	trench- II	grd with sk	wh sa sk				X			0.07	<0.5	0.03	16	44	4.3	8
72	KT 2 4	trench- II	grd with sk	wh sa sk				X			0.05	<0.5	0.03	17	34	5.5	14
73	KT 2 5	trench- II	grd	wh sa sk				X			0.10	<0.5	0.05	35	97	3.1	10
74	KT 2 6	trench- II	grd	op				X			0.06	<0.5	0.03	20	62	1.3	7
75	KT 2 7	trench- II	grd with sk	op,wh sk				X			0.08	0.8	0.06	16	104	1.5	12
76	KT 2 8	trench- II	grd with sk	op,wh sk,Cu				X			1.65	4.5	0.48	30	56	3.6	29
77	KT 2 9	trench- II	grd with sk	wh sk,op,sk				X			<0.03	<0.5	0.02	16	45	2.7	4
78	KT 2 10	trench- II	grd with sk	sk	X			X			0.07	<0.5	0.02	11	38	0.9	5
79	KT 2 11	trench- II	grd with sk	sa sk				X			0.30	<0.5	0.06	12	95	1.9	23
80	KT 2 12	trench- II	sk	br-sm				X			0.31	<0.5	0.06	15	99	1.6	12
81	KT 2 13	trench- II	sk	br-sm				X			0.16	0.7	0.06	14	130	1.6	13
82	KT 2 14	trench- II	sa sk,sa	br-sm,Cu				X			0.66	3.7	0.21	13	97	3.6	29
83	KT 2 15	trench- II	sa sk	sk				X			<0.03	<0.5	0.01	6	28	0.4	12
84	KT 2 16	trench- II	sa sk,op	wh sk,op				X			0.38	<0.5	0.02	12	224	0.4	15
85	KT 2 17	trench- II	sa	op				X			0.03	<0.5	0.01	2	59	<0.3	14
86	KT 2 18	trench- II	sa,gr-sm	wh sk,ely				X			<0.03	<0.5	0.01	7	133	<0.3	6
87	KT 2 19	trench- II	sa,gr-sm	wh sk,ely				X			<0.03	<0.5	0.01	9	121	0.3	7
88	KT 2 20	trench- II	sa,gr-sm	wh sk,ely				X			<0.03	<0.5	0.01	11	104	0.3	6
89	KT 2 21	trench- II	sa,wh	br-sm	X												
90	KT 3 1	trench- III	sa with sk	br-sm				X			<0.03	<0.5	0.01	2	137	<0.3	2
91	KT 3 2	trench- III	sa with sk	sk,oop	X			X			0.10	1.1	0.09	5	182	<0.3	35
92	KT 3 3	trench- III	sa with sk	wh sk				X			0.12	0.6	0.04	4	131	<0.3	22
93	KT 3 4	trench- III	sa with sk	wh sk				X			<0.03	<0.5	0.01	8	192	<0.3	12
94	KT 3 5	trench- III	sa with sk	sk,sk				X			<0.03	<0.5	0.01	7	192	<0.3	20
95	KT 3 6	trench- III	sa with sk	wh sk,gr-sm				X			<0.03	<0.5	0.01	9	176	<0.3	10
96	KT 3 7	trench- III	sa,sk,network	skeleton-like				X			0.03	<0.5	0.01	15	179	<0.3	20
97	KT 3 8	trench- III	sa sk	mda				X			<0.03	<0.5	0.02	10	169	<0.3	12
98	KT 3 9	trench- III	sa sk	mda				X			<0.03	<0.5	0.01	12	175	<0.3	13
99	KT 3 10	trench- III	sa sk	mda				X			<0.03	<0.5	0.01	6	192	<0.3	23

Appendix 10 (3) Sample List of Laboratory Works (3)

TS : thin section, PS : polished thin section, Fl : homogenized temperature of fluid inclusion
CA : chemical analysis/Au,Ag,Cu,Pb,Zn,Mo,As,Sb) XR : X-ray diffraction method

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks
100	KT 3 11	trench-III	ge. sk	fu. gr. gm	x					
101	KT 3 12	trench-III	ge. sk	fu. g.						ts. op. sk. sk. oil
102	KT 3 13	trench-III	grd with sk	sil. wk. sk						
103	KT 3 14	trench-III	grd with sk	sil. wk. sk						
104	KT 3 15	trench-III	grd with sk	sil. wk. sk						
105	KT 3 16	trench-III	grd with sk	sil. wk. sk						
106	KT 3 17	trench-III	grd with sk	sil. wk. sk						
107	KT 4 1	trench-IV	is. ord	wk. pr. gm. wht.						
108	KT 4 2	trench-IV	is. ord	wk. pr. gm. wht.						
109	KT 4 3	trench-IV	is. ord	wk. pr. gm. wht.						
110	R 1 1	road MJKK-5 - MJKK-7	is with sk	sk. gr. gm						
111	R 1 2	road MJKK-5 - MJKK-7	is with sk	sk. gr. gm						
112	R 1 3	road MJKK-5 - MJKK-7	is with sk	sk. gr. gm						
113	R 1 4	road MJKK-5 - MJKK-7	is with sk	sk. gr. gm						
114	R 1 5	road MJKK-5 - MJKK-7	is with sk	sk. gr. gm. Cu						
115	R 1 6	road MJKK-5 - MJKK-7	is with sk	sk						
116	R 1 7	road MJKK-5 - MJKK-7	ge. sk with is	g. Cu						
117	R 1 8	road MJKK-5 - MJKK-7	ge. sk with is							
118	R 1 9	road MJKK-5 - MJKK-7	ge. sk with is							
119	R 1 10	road MJKK-5 - MJKK-7	ge. sk with is							
120	R 1 11	road MJKK-5 - MJKK-7	is with sk	ge. rich. gm. sk						
121	R 1 12	road MJKK-5 - MJKK-7	is with sk	ge. sk						
122	R 1 13	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
123	R 1 14	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
124	R 1 15	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
125	R 1 16	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
126	R 1 17	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich. Cu	x					paste sk. cry. oo. mal
127	R 1 18	road MJKK-5 - MJKK-7	ge. sk	gm. Cu						
128	R 1 19	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
129	R 1 20	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
130	R 1 21	road MJKK-5 - MJKK-7	is with sk	ge. sk. rich						
131	R 1 22	road MJKK-5 - MJKK-7	is with sk	ge. sk						
132	R 1 23	road MJKK-5 - MJKK-7	is with sk	ge. sk						

TS : thin section, PS : polished thin section, FI : homogenized temperature of fluid inclusion
 CA : chemical analysis(Au,Ag,Cu,Pb,Zn,Mo,As,Sb) XR : X-ray diffraction method

Appendix 10 (4) Sample List of Laboratory Works (4)

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks	sample No.	Wt. in Au, ppm	Au, ppm	Cu, %	Zn, ppm	No. ppm	Ag, ppm	Sb, ppm		
132	R 1 24	road MJKK-5 - MJKK-7	is with sk	sa sk				X			R 1 24	2.0	0.11	6.2	0.45	5	4.855	<0.3	39	<1.25
134	R 1 25	road MJKK-5 - MJKK-7	is with sk	sa sk				X			R 1 25	2.0	0.08	3.2	0.19	5	4.878	<0.3	36	<1.25
135	R 1 26	road MJKK-5 - MJKK-7	is with sk	sa sk				X			R 1 26	2.1	0.11	2.4	0.17	5	2.122	<0.3	32	<1.25
136	R 1 27	road MJKK-5 - MJKK-7	is with sk	sa sk				X			R 1 27	2.1	0.44	1.8	0.12	6	1.394	0.3	31	<1.25
137	R 1 28	road MJKK-5 - MJKK-7	is, sa, sk, gm	with cal patch	X			X		ts, sa, sk, ep	R 1 28	2.1	0.27	0.5	0.04	8	8.45	<0.3	29	<1.25
138	R 1 29	road MJKK-5 - MJKK-7	is with sk	sa sk				X			R 1 29	2.0	0.28	0.6	0.05	6	6.59	<0.3	36	<1.25
139	R 1 30	road MJKK-5 - MJKK-7	is with sk	sa sk				X			R 1 30	2.0	0.41	<0.5	0.07	3	8.41	<0.3	41	<1.25
140	R 1 31	road MJKK-5 - MJKK-7	grd	wh, sk				X			R 1 31	2.0	0.96	2.7	0.61	13	1.884	0.6	12	2.0
141	R 1 32	road MJKK-5 - MJKK-7	is with sk	wh, sk				X			R 1 32	2.3	<0.03	0.6	0.02	15	2.51	<0.3	4	2.0
142	R 1 33	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep				X			R 1 33	2.2	0.03	<0.5	0.02	16	89	1.1	11	<1.25
143	R 1 34	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep				X			R 1 34	1.6	<0.03	<0.5	0.01	12	22	2.4	7	<1.25
144	R 1 35	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep				X			R 1 35	2.0	0.11	<0.5	0.02	6	21	0.6	33	<1.25
145	R 1 36	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, Cu				X			R 1 36	2.0	0.10	<0.5	0.04	11	49	1.1	11	2.0
146	R 1 37	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, Cu				X			R 1 37	2.0	<0.03	<0.5	0.01	8	22	0.9	2	<1.25
147	R 1 38	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, air				X			R 1 38	1.7	<0.03	<0.5	0.01	13	36	1.0	4	<1.25
148	R 1 39	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, air				X			R 1 39	2.0	0.03	<0.5	0.01	11	27	0.6	33	<1.25
149	R 1 40	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, air				X			R 1 40	2.0	<0.03	<0.5	0.00	18	44	0.8	22	<1.25
150	R 1 41	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, air				X			R 1 41	1.7	0.11	<0.5	0.02	15	68	0.9	13	2.0
151	R 1 42	road MJKK-5 - MJKK-7	grd with sk	wh, sk, ep, air				X			R 1 42	1.7	0.07	<0.5	0.01	11	38	0.6	17	<1.25
152	R 1 43	road MJKK-5 - MJKK-7	sa sk	cal, crushed Z				X			R 1 43	0.5	0.16	<0.5	0.01	11	31	0.6	36	<1.25
153	R 1 44	road MJKK-5 - MJKK-7	grd with sk	part, gm				X			R 1 44	1.5	0.04	<0.5	0.01	12	33	2.4	11	<1.25
154	R 1 45	road MJKK-5 - MJKK-7	grd with sk	part, gm				X			R 1 45	2.0	0.15	<0.5	0.02	8	166	2.6	18	<1.25
155	R 1 46	road MJKK-5 - MJKK-7	grd with sk	part, gm				X			R 1 46	2.0	0.06	<0.5	0.01	12	33	1.3	33	<1.25
156	R 1 47	road MJKK-5 - MJKK-7	grd with sk	part, gm				X			R 1 47	2.0	<0.03	<0.5	0.01	10	59	<0.3	25	<1.25
157	R 1 48	road MJKK-5 - MJKK-7	grd with cal v	shear Z				X			R 1 48	0.5	<0.03	<0.5	0.00	<1.75	8	0.5	19	<1.25
158	R 1 49	road MJKK-5 - MJKK-7	grd, hb, gm, bio, sk, fm, ga, ep, gm	shear Z	X			X		ts, sk, grd, ep, hb, gm	R 1 49	3.1	<0.03	<0.5	0.00	11	31	1.4	10	<1.25
159	R 1 50	road MJKK-5 - MJKK-7	sa, sk, ga, ss	shear Z				X			R 1 50	0.3	<0.03	<0.5	0.01	12	62	0.3	14	<1.25
160	R 1 51	road MJKK-5 - MJKK-7	grd	hb				X			R 1 51	1.2	<0.03	<0.5	0.01	23	34	1.2	16	<1.25
161	R 1 52	road MJKK-5 - MJKK-7	sa, sk with cal v	hb				X			R 1 52	0.4	<0.03	<0.5	0.00	7	70	0.8	31	<1.25
162	R 1 53	road MJKK-5 - MJKK-7	grd	hb				X			R 1 53	2.0	<0.03	<0.5	0.00	9	22	1.0	6	2.0
163	R 1 54	road MJKK-5 - MJKK-7	sa, sk	hb				X			R 1 54	0.4	<0.03	<0.5	0.00	11	79	0.3	25	<1.25
164	R 1 55	road MJKK-5 - MJKK-7	grd	hb				X			R 1 55	2.4	<0.03	<0.5	0.00	9	34	0.7	5	2.0
165	R 1 56	road MJKK-5 - MJKK-7	sk with grd	gCu				X		ps, py, opx, sk	R 1 56	2.0	0.90	0.7	0.14	28	89	1.4	24	<1.25

TS : thin section, PS : polished thin section, FI : homogenized temperature of fluid inclusion
 CA : chemical analysis (Au, Ag, Cu, Pb, Zn, Mo, As, Sb) XR : X-ray diffraction method

Appendix 10 (5) Sample List of Laboratory Works (5)

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks
166	R 1 57	road MUKK-5 - MUKK-7	grd with sk					X		
167	R 1 58	road MUKK-5 - MUKK-7	sk with grd					X		
168	R 1 59	road MUKK-5 - MUKK-7	grd with sk					X		
169	R 1 60	road MUKK-5 - MUKK-7	grd					X		
170	R 1 61	road MUKK-5 - MUKK-7	grd with sk					X		
171	R 1 62	road MUKK-5 - MUKK-7	sk with grd	gCu				X		
172	R 1 63	road MUKK-5 - MUKK-7	grd with sk	wt sk				X		
173	R 1 64	road MUKK-5 - MUKK-7	grd with sk	wt sk				X		
174	R 1 65	road MUKK-5 - MUKK-7	grd with sk	wt sk				X		
175	R 1 66	road MUKK-5 - MUKK-7	grd with sk	wt sk				X		
176	R 1 67	road MUKK-5 - MUKK-7	sk with grd	p gm				X		
177	R 1 68	road MUKK-5 - MUKK-7	ga sk	gm				X		
178	R 1 69	road MUKK-5 - MUKK-7	ga sk	gm				X		
179	R 1 70	road MUKK-5 - MUKK-7	ga sk, mdf	p gm	X			X		tsopol ga sk, oal sot, gt
180	T - 001	Al-Kamou E (outer area)	sil ls							out of area
181	T - 002	Al-Kamou	gz, hema		X			X		ps, hm, gz, ser, gt
182	T - 003	Al-Kamou	gz, hema, jmo	trench		X		X		argz
183	T - 004	Al-Kamou	sil rock	p gm, Mn, goss				X		
184	T - 005	Al-Kamou	ga sk, spo, tm					X		
185	T - 006	Al-Kamou	sk, fng	voin						
186	T - 007	Al-Kamou	oz with ga					X		trench
187	T - 008	Al-Kamou	ga sk	gCu				X		argz, oal, chl
188	T - 009	Al-Kamou (pt)	erd, alt	argz, hema				X		argz, chl, oal, hcal, ser, ser, gmo
189	T - 010	Al-Kamou (pt)	erd, alt	argz, hema				X		
190	T - 011	Al-Kamou	gz	subd, oz, goss				X		old working
191	T - 012	Bismutovo	grd	mdg, hb, pk				X		tsrad, pohl, op
192	T - 013	Bismutovo	sil ls with ga sk	py				X		
193	T - 014	Bismutovo	ga sk ?	sil, p, gm						
194	T - 015	Bismutovo	ga sk	w, sm				X		
195	T - 016	Bismutovo	ga sk	mdg						
196	T - 017	Bismutovo	sil rock with ga sk	mg, g, tv				X		
197	T - 018	Bismutovo	ga sk	gCu, spo				X		ps, hm, ga, sk
198	T - 019	Bismutovo	ga-wo sk	oz, g, ga				X		argz, chl, hcal

TS : thin section; PS : polished thin section; FI : homogenized temperature of fluid inclusion.
 CA : chemical analysis (Au, Ag, Cu, Pb, Zn, Mo, As, Sb); XR : X-ray diffraction method

Appendix 10 (6) Sample List of Laboratory Works (6)

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST of LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	F1	CA	XR	remarks	sample No.	Wet. m	Au, ppm	Ag, ppm	Cu, %	Zn, ppm	Pb, ppm	Sb, ppm	Sh, ppm	
199	T - 020	Bismutovos	gr-sk	gr-sk				X			T - 020		<0.03	<0.5	0.00	3	17	<0.3	19	<1.25
200	T - 021	Bismutovos	gr-sk	gCu,hema-sz		X				reshm gr-sk,maK(T)	T - 021	1.18	108.8	2.95	3.104	3.200	36.3	1.175	11.0	
201	T - 022	Bismutovos	wo-gr-sk								T - 022									
202	T - 023	Bismutovos	sil rock with hema goss			X				petzil on ls	T - 023	<0.03	1.0	0.01	27	86	<0.3	6	5.0	
203	T - 024	Bismutovos	grd	sk,rah						(T)	T - 024									
204	T - 025	Bismutovos	grd with gr-sk	gCu							T - 025									
205	T - 026	Bismutovos W	dis. mg	sz,mg,wlm,dike	X					ts,mg,gr,sp,py,him,kt	T - 026									
206	T - 027	Bismutovos W	gr-sk	gr-frm							T - 027	<0.03	<0.5	0.00	6	98	0.3	5	2.0	
207	T - 028	Bismutovos W	gr-sk	yellow ss							T - 028	<0.03	0.5	0.00	9	14	<0.3	381	<1.25	
208	T - 029	Bismutovos W	grd	fresh,rv,dike	X					ts,rd,phl,sp,py,him	T - 029									
209	T - 030	Bismutovos W	sil rock with ss	gr-frm						wlm	T - 030	<0.03	<0.5	0.00	25	75	<0.3	21	6.0	
210	T - 031	Jety-Zindan E	gdic,bb		X					ts,rd,phl,sp,py	T - 031									
211	T - 032	Jety-Zindan NW	gr-sk,hema	gCu,oop		X				reshm,sk,py,rah,ov,cel,ser	T - 032	0.17	56.5	0.54	5.375	3.441	<0.3	621	13.0	
212	T - 033	Jety-Zindan NW	gr-sk	gCu,ov,vein		X				gr,ss,cel	T - 033	0.15	16.3	1.19	1.119	2.19	8.8	338	144.0	
213	T - 034	Jety-Zindan S	grd,bb		X					ts,rd,phl,sp	T - 034									
214	T - 035	Jety-Zindan S	sk,limo							(T)	T - 035	0.70	6.3	0.12	157	1.250	4.0	76	<1.25	
215	T - 036	Jety-Zindan W	gr-sk							(T) in stream	T - 036									
216	T - 037	Jety-Zindan W	wo-gr-sk,sl	vein							T - 037	1.09	<0.5	0.00	14	17	0.8	64	<1.25	
217	T - 038	Jety-Zindan W	gr-sk	gCu,vein		X					T - 038	0.12	3.5	1.02	672	1.307	2.5	2.42	15.0	
218	T - 039	Jety-Zindan W	gr-sk	vein							T - 039	<0.03	<0.5	0.00	10	33	0.5	26	1.0	
219	T - 040	Jety-Zindan W	gr-sk,spec,hema	limo		X				reshm,sk,ss,sl	T - 040	0.17	3.4	0.00	381	1.169	7.7	4.132	<1.25	
220	T - 041	Kok-Kaiy	grd,sl	trn,phl							T - 041									
221	T - 042	Kok-Kaiy	gr-sk	gCu,gr,limo		X				reshm,gr,ma,lap,ov,ss	T - 042	6.31	23.2	0.95	128	175	26.7	950	798.0	
222	T - 043	Kok-Kaiy	gr-sk,hema	gCu,gr,py,oop		X				reshm,gr,ma,lap,ov,ss	T - 043	7.93	865.3	2.31	620	850	20.9	635	6.427	
223	T - 044	Kok-Kaiy	gr-sk,hema,tml	gCu,gr,py,oop		X				reshm,gr,py,ser	T - 044	3.30	715.6	1.63	299	654	28.6	745	3.513	
224	T - 045	Kok-Kaiy (sk)	gr-sk,limo,tml	gCu,gr,oop						reshm	T - 045	4.42	273.3	2.52	1.139	365	8.0	545	3.560	
225	T - 046	Kok-Kaiy	gr	gr,hema,tml						trench	T - 046	3.89	20.0	0.06	173	176	9.8	535	342.0	
226	T - 047	Kok-Kaiy	gr	limo						trench	T - 047	3.73	17.6	0.05	552	54	23.8	487	290.0	
227	T - 048	Kok-Kaiy S	grd,sl	oop,tml,py						trench	T - 048									
228	T - 049	Kok-Kaiy S	grd,sl	py,mp							T - 049									
229	T - 050	Kok-Kaiy E	gr,hema	vein							T - 050									
230	T - 051	Kok-Kaiy E	grd								T - 051									
231	T - 052	Kok-Kaiy	gr,tml	vein	X					ts,sto,gr,vein	T - 052									

TS : thin section; PS : polished thin section; F1 : homogenized temperature of fluid inclusion
 CA : chemical analysis(Au,Ag,Cu,Pb,Zn,Mo,As,Sb); XR : X-ray diffraction method

Appendix 10 (7) Sample List of Laboratory Works (7)

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks	Wgt. m	Au, ppm	Ni, ppm	Cu, %	Zn, ppm	Fe, ppm	As, ppm	Sb, ppm
232	T - 053	Kok-Kaiky	grd	py														
233	T - 054	Kok-Kaiky W	grd															
234	T - 055	Kok-Kaiky	dio.pk	dike,fd														
235	T - 056	Kok-Kaiky S	syn	dike														
236	T - 057	Kok-Kaiky S	dio,fd,py	dike														
237	T - 058	Kok-Kaiky S	tml,az	vein														
238	T - 059	Kok-Kaiky SW	dio,mg	fd,fb														
239	T - 060	Kok-Kaiky SW	dio,mg	fd,hb, vein														
240	T - 061	Kok-Kaiky SW	grd,weath	hb,fd														
241	T - 062	Kok-Kaiky E	grdp	hb,fd						ts,grd,ser,ohl								
242	T - 063	Pervainoe NE	grdp	hb,fd														
243	T - 064	Otovalnoe	dio,mg	hb,fb						ts,mg,act,ser								
244	T - 065	T-Tuashy ore. down str.	grd	fd														
245	T - 066	T-Tuashy ore. down str.	grdp	fd														
246	T - 067	T-Tuashy ore. down str.	synp	fd,dike						ts,mg,gr,ohl,ser								
247	T - 068	T-Tuashy ore. down str.	dio,mg															
248	T - 069	Kok-Kaiky	oz,limo					X			1.85	417.2	3.16	891	1.404	11.1	1.990	19.080
249	T - 070	Kok-Kaiky	oz,limo					X			0.07	4.1	0.02	25	18	4.9	4	69.0
250	T - 071	Kok-Kaiky	oz,limo	vein				X			2.61	9.8	0.04	434	37	16.4	401	240.0
251	T - 072	Kok-Kaiky	oz,limo	FeCu				X			2.44	7.9	0.45	67	110	13.2	473	428.0
252	T - 073	Otovalnoe	grd,sk,py,ohl					X										
253	T - 074	Otovalnoe	sa,sk,ml	FeCu				X			<0.03	<0.5	0.00	4	28	1.2	45	1.0
254	T - 075	Otovalnoe	sa,sk	ep? chl?				X			<0.03	<0.5	0.00	2	35	1.6	15	3.0
255	T - 076	Otovalnoe	sa,wo,sk					X			<0.03	<0.5	0.00	14	57	16.3	20	<1.25
256	T - 077	Otovalnoe	sa,sk					X			<0.03	<0.5	0.00	24	65	12.4	48	<1.25
257	T - 078	Otovalnoe	sa,sk,tml							(T)								
258	T - 079	Otovalnoe	sa,oz,sk,md,fa					X			<0.03	<0.5	0.00	4	20	<0.3	1.034	<1.25
259	T - 080	Otovalnoe	sa,sk,tml					X			<0.03	<0.5	0.01	4	17	<0.3	644	<1.25
260	T - 081	Pervainoe	oz,dio,sil rook with tml															
261	T - 082	Pervainoe	grd															
262	T - 083	T-Tuashy skarn	oz,rook,milky	oz,euhd,osk				X										
263	T - 084	T-Tuashy skarn	oz,rook,py,hema	oz,euhd,osk				X			0.31	4.9	0.08	1.996	1.520	9.0	199	2.0
264	T - 085	T-Tuashy skarn	oz,rook,py,hema	oz,euhd,osk,hema				X			0.40	6.8	0.06	1.303	1.690	14.5	236	2.0

TS : thin section, PS : polished thin section, FI : homogenized temperature of fluid inclusion
 CA : chemical analysis(Au,Ag,Cu,Pb,Zn,Mo,As,Sb) XR : X-ray diffraction method

Appendix 10 (8) Sample List of Laboratory Works (8)

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST of LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks	sample No.	Wt. m	Au. ppm	Ag. ppm	Cu. %	Pb. ppm	Zn. ppm	Mo. ppm	As. ppm	Sb. ppm	
265	T - 086	Turpao-Tuhty(SW)	ga sk,limo	pit				X	X	arser	T - 086		0.53	1.7	0.02	300	84	6.1	140	<1.25	
266	T - 087	Paravainoe	dio,fnsg	hb,bbio							T - 087										
267	T - 088	Kok-Kaiky S	grd	fd,py							T - 088										
268	T - 089	Kok-Kaiky S	dlop	fd,hb							T - 089										
269	T - 090	Kok-Kaiky S	dio,fnsg								T - 090										
270	T - 091	Kok-Kaiky S	grd,py,gr,v					X			T - 091										
271	T - 092	Kok-Kaiky SW	grd								T - 092										
272	T - 093	T-Tuhty ore. down str.	ga sk,oz,op								T - 093										
273	T - 094	T-Tuhty ore. down str.	ga sk,oz,op								T - 094										
274	T - 095	T-Tuhty ore. down str.	ga sk,oz,op					X			T - 095		0.05	5.1	0.09	536	271	0.6	17	4.0	
275	T - 096	T-Tuhty ore. down str.	dio	diko,fd							T - 096										
276	T - 097	T-Tuhty ore. down str.	dio	diba							T - 097										
277	T - 098	T-Tuhty ore. down str.	grd,py								T - 098										
278	T - 099	Turpao-Tuhty akarn	ga oz,sk					X	X	pa,py,gr,sk,hm,mal,op	T - 099		0.31	132.2	0.77	8184	367	22.6	125	14.0	
279	T - 100	Turpao-Tuhty W	grdp	fd						ts,grd,ohl,ser	T - 100										
280	T - 101	Bismutovoe N	grdp								T - 101										
281	T - 102	Bismutovoe N	grd	fd							T - 102										
282	T - 103	T-Tuhty ore. down str.	ga sk								T - 103										
283	T - 104	T-Tuhty ore. down str.	ga oz,sk	gCu,cal				X	X	pa,oz,ox,ga,sk,oz,az	T - 104		<0.03	1.7	0.23	22	89	0.4	456	<1.25	
284	T - 105	Turpao-Tuhty(NE)	brecois,oz,hema	gCu,py				X	X	pa,hm,oz,mal,ory,op,ov,oo	T - 105		12.91	52.6	2.09	147	1477	17.4	1557	3.017	
285	T - 106	Turpao-Tuhty(SW)	clay	py				X	X	arser kaol,py	T - 106		4.06	7.0	0.04	251	139	11.9	330	3.0	
286	T - 107	Turpao-Tuhty(SW)	clay	yel,py				X	X	arser	T - 107		0.10	0.8	0.01	19	13	1.2	104	6.0	
287	T - 108	Turpao-Tuhty(central)	brecois,oz,hema	py				X			T - 108		1.73	1.3	0.01	54	268	6.2	335	<1.25	
288	T - 109	Turpao-Tuhty(central)	brecois,oz,hema	py				X			T - 109		0.17	3.8	0.00	73	11	8.9	67	<1.25	
289	T - 110	Turpao-Tuhty(central)	brecois,oz,hema	py				X			T - 110		11.39	1.1	0.06	2,006	557	4.4	100	270.0	
290	T - 111	Turpao-Tuhty(SW)	brecois,oz,hema	oz,ser,py				X			T - 111		0.38	1.2	0.00	10	12	4.9	276	<1.25	
291	T - 112	Turpao-Tuhty(SW)	grd with brecois	oz,py				X			T - 112		23.21	21.2	0.04	253	64	7.0	444	<1.25	
292	T - 113	Turpao-Tuhty(SW)	brecois	oz,py				X			T - 113		0.61	5.7	0.03	326	32	6.6	105	<1.25	
293	T - 114	Turpao-Tuhty(SW)	grd,weh	gCu				X			T - 114		0.04	1.6	1.32	32	124	0.5	25	2.0	
294	T - 115	Jaty-Zindan E	grd							ts,grd,ser	T - 115										
295	T - 116	Jaty-Zindan E	grd								T - 116										
296	T - 117	Jaty-Zindan E	dio/grd								T - 117										
297	T - 118	T-Tuhty ore. down str.	grd								T - 118										

Appendix 10 (9) Sample List of Laboratory Works (9)

TS : thin section, PS : polished thin section; FI : homogenized temperature of fluid inclusion
CA : chemical analysis(Au,Ag,Cu,Pb,Zn,Mo,As,Sb) XR : X-ray diffraction method

1998 KIRGHYZ KICHI-SANDYK AREA "SAMPLE LIST OF LABORATORY WORKS"

serial	sample No.	location	field name	description	TS	PS	FI	CA	XR	remarks
298	T - 119	T-Tushy or down str.	rd dy					X		
299	T - 120	T-T shrm S	ga sk							
300	T - 121	Bismutevce W	ga sk	w/m						
301	T - 122	T-T shrm S	ga sk							
302	T - 123	Turpac-Tushy	olvy	in ore zone				X	X	arcual keol ser chl
303	T - 124	Turpac-Tushy(central)	olvy	red				X	X	frisure
304	T - 125	Turpac-Tushy(central)	olvy					X	X	ysin
305	T - 126	Turpac-Tushy(central)	hema dy	oz				X	X	
306	T - 127	Turpac-Tushy(central)	oz-hema dy					X	X	pschm oz
307	T - 128	Turpac-Tushy (NE)	sil ls	purple, cal v let				X	X	19g/Au?
308	T - 128	Turpac-Tushy (NE)	sil ls,hema	gCu				X	X	pschm oz mal ry op cv oo gt(5g/Au?)
309	T - 130	Turpac-Tushy SW	hb dio	wk limo						
310	T - 131	Turpac-Tushy(central)	ga sk	limo				X		
311	T - 132	Turpac-Tushy(central)	ga sk	P-TR, S-BY				X		
312	T - 133	Chovalhoe NW (center area)	dic,py imp	grd>dio zone					X	tuber-po,chl ep act py

sample No.	Wet. m	Au. ppm	Ag. ppm	Cu. ppm	Zn. ppm	Pb. ppm	Mn. ppm	Sb. ppm
T - 119		<0.03	<0.5	0.01	12	23	1.2	3
T - 120								
T - 121								
T - 122								
T - 123		0.40	7.0	0.01	94	513	5.8	47
T - 124		0.08	<0.5	0.26	1,589	2,433	6.7	283
T - 125		0.08	1.0	0.01	613	192	0.5	17
T - 126		1.67	3.2	0.02	61	186	17.8	161
T - 127		0.41	0.9	0.01	168	169	1.8	31
T - 128		<0.03	0.8	0.00	109	98	<0.3	3
T - 129		22.83	44.0	1.78	493	865	11.7	1,417
T - 130								
T - 131		0.14	1.4	0.00	65	111	1.3	117
T - 132		<0.03	0.7	0.00	16	117	<0.3	19
T - 133								

TS : thin section, PS : polished thin section, FI : homogenized temperature of fluid inclusion
 CA : chemical analysis(Au,Ag,Cu,Pb,Zn,Mn,As,Sb) XR : X-ray diffraction method

Appendix 10 (10) Sample List of Laboratory Works (10)

Appendix 11 (1) GEOLOGIC CORE LOG OF MJKK - 1 (1/3)

MJKK - 1 (1/3) 0.0 m ~ 50.0 m

Level
X
Y

1/200
m Direction 13°
m Inclination -75°
m Length 107.8m

LITHO- LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo	
	0													
	1.4	sand, pebble												
		grd, stg sil												
	6.5		6.5											
	7.6	grd, crushed with wht clay, ep, gm Cu	7.6	8k 101	0.03	<0.4	422	10	154	8	<1	1.0		
		grd, stg sil, ep												
	11.0													
	12.1	crushed, with wht clay, ep												
	12.6	80° 4° cal v												
	14.4	13.5-14.8m crushed, with wht clay, ep												
	14.8	90° 2° cal v	14.8											
	15.8	sk, fng, p gm-brn, ep 15.8m ep band <50°	15.8	8k 102	<0.03	<0.4	46	11	58	24	<1	0.7		
	16.0	80° 1° cal v												
	17.0	stg sil, grd, wk sk, ep	17.0	8k 103	0.20	<0.4	95	12	99	13	<1	0.6		
	17.8	grd, crushed, wht clay												
		grd, stg sil												
	22.8		22.8											
	23.1	23.1m - 10° cal skeleton-like												
	23.5	23.3m - 2° clay with limo	23.8	8k 104	<0.03	<0.4	72	8	41	23	<1	0.3		
		sk, fng, p-brn												
		grd, stg sil												
	27.2		27.2											
	27.7	60° 10° ga sk, with 1° cal v	27.7	8k 105	<0.03	<0.4	31	26	43	7	<1	0.8		
	30.2		30.2											
	30.5	50° sk, fng, p-brn												
	31.2	10° clay, brn	31.2	8k 106	<0.03	<0.4	264	18	144	24	<1	0.6		
	32.1	stg sil, grd												
	32.2		32.2	8k 107	<0.03	<0.4	46	9	33	12	<1	0.8		
	32.3													
	33.2		33.2	8k 108	<0.03	<0.4	45	13	33	6	<1	0.6		
		grd, sil, hb - chl, with p-gm wht clay												
	34.2		34.2	8k 109	<0.03	<0.4	599	15	295	5	<1	0.9		
	35.5		35.5	8k 110	<0.03	<0.4	505	14	218	7	<1	0.4	X	34.6
		grd, stg sil												
	37.0		37.0	8k 111	<0.03	<0.4	69	14	28	6	<1	0.3		
	37.6	grd, stg sil, ep, p-gm												
	38.1													
	38.9	45° 40° clay } 37.6-38.9m	39.0	8k 112	0.03	<0.4	21	9	20	14	<1	<0.20		
	39.5	sk, fng, p-gm												
		sk, fng, p-gm, brnc												
	41.0	grd, p-gm, stg sil, with p-brn sk, ep	41.0	8k 113	<0.03	<0.4	28	8	21	10	<1	0.3		
	41.3													
	43.0		43.0	8k 114	0.03	<0.4	59	7	62	5	<1	0.4		
	43.3	80° grd, stg sil, with p-brn sk, crushed with wht clay												
		1° cal v												
	45.0	stg sil, grd with fng sk, p-brn, crushed with wht clay	45.0	8k 115	0.07	<0.4	41	9	19	6	<1	0.6		
	46.1		46.1	8k 116	0.23	<0.4	12	5	8	5	<1	0.7		
		grd, stg sil, wht with gm spots												
	48.9													
		70° 0.5° qz v												
	50												T	49.7

Appendix 11 (2) GEOLOGIC CORE LOG OF MJKK - 1 (2/3)

MJKK - 1 (2/3) 50.0 m - 100.0 m

1/200
 Level X m Direction 13°
 Y m Inclination -75°
 m Length 107.8m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT								LAB. TEST
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo	
x x	50.7	80° 3° cal v											
x x	52.2	grd, sil, qz>hb-chl, ep											
x x	54.0	70° 30° p-brn clay											
x x	56.4	grd, sil, qz>hb-chl											
x x	56.8												
x x	59.3	80° 2° cal v with p-grm sk											
x x	61.7												
x x	62.2	70° 5° p-grm sk											
x x	63.0	70° 1° cal v											
x x	63.7	80° 1° joint with wht clay											
x x	65.9	63.7-65.9m with wht clay											
	66.6	non core											
x x	66.7	66.6m 5° fng sk, p-brn grd, sil, wht, qz>hb											
x x	68.4	80° 5° cal v, with ep	69.4										
	71.2	80° 5° cal v, with ep fng sk, p-brn-gry											
	71.8	80° 0.1° cal v	71.8	8K 117	<0.03	<0.4	27	16	37	9	<1	0.7	
x x	73.0	grd, sil with ep											
x x	75.5	73.0-75.6m crushed with wht clay											
x x	77.1	grd, sil with ep											
x x	78.5	crushed zone with cal	78.5										
x x	79.5	grd, with p-grm sk											
x	80.2	85° 1° cal v	80.2	8K 118	<0.03	<0.4	11	8	20	6	<1	2.0	
	80.55	non core											
x x	83.8	80.8m 5° p-grm sk grd, stg crushed to sand size with clay p-grm											
x x	85.5	83.8m-15° p-brn sk, crushed											
x x	86.0	50° 1° cal v 85.7m-30° crushed with wht clay 85.7m-10° p-grm wk sk	88.4										
x x	88.9												
x x	89.1	45° 15° ga sk, fng, gm	89.4	8K 119	<0.03	<0.4	21	13	26	10	2	4.2	
x x	90.1	90° 1° cal v with druse											
x x	90.8	85° 3° cal v with druse											
x x	92.4	grd, sil	91.9	8K 120	<0.03	<0.4	12	5	16	11	2	1.9	
x x	92.9	50° 30° crushed, with p-grm sk-cal v, wht clay											
x x	94.0	80° 30° cal v, with druse, p-grm sk grd, stg sil	93.8	8K 121	<0.03	<0.4	24	6	15	9	<1	2.9	F 92.9
x x	95.8	50° 40° stg sil with ep-ga sk, p-brn	94.8	8K 122	0.20	<0.4	21	6	18	9	2	4.4	T 94.2
x x	98.2	50° 5° cal v 95.8m-40° stg sil grd with p-grm sk grd, sil	95.8	8K 123	<0.03	<0.4	17	6	13	6	1	1.6	
x x	98.2		96.8	8K 124	0.03	<0.4	14	9	17	7	<1	2.2	
x x	99.4	2° cal v grd sil											
x x	100	30° 1° cal v											

Appendix 11 (3) GEOLOGIC CORE LOG OF MJKK - 1 (3/3)

1/200

Level m Direction 13°
 X m Inclination -75°
 Y m Length 107.8m

MJKK - 1 (3/3) 100.0 m ~ 107.8 m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT										LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo					
x x	100.8	grd, stg sil	100.6														
x	101.2	3° cal v															
x x	102.1	20° stg sil rock with p-grd sk															
x x	102.5	20° cal v	102.5	8k 125	0.13	<0.4	40	6	13	5	1	1.5					
x x	102.7	102.5-102.7m crushed zone															
x x	103.2	0.5° qz v	103.6														
x x	103.8	grd, sil, sp, hb	104.6	8k 126	0.03	<0.4	906	12	254	4	<1	0.3					X
x x		stg crushed to sand-slime like, with p-brn p-grd wht clay															
	107.8																
		The End.															

Appendix 11 (4) GEOLOGIC CORE LOG OF MJKK - 2 (1/2)

Appendix 11 (4)

MJKK - 2 (1/2) 0.0 m - 50.0 m

Level X Y
 m Direction 23°
 m Inclination -75°
 m Length 100.2m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo		
	0	sand and pebble													
	3.3	grd, with ep crushed to pebble size													
	6.3		6.3												
	6.5	1° cal v, with p-grm sk													
	6.6		7.3	8K201	0.08	15.7	265	10	107	19	<2.5	2.7			
			8.3	8K202	0.31	4.7	466	12	117	23	<2.5	0.8			
		grd, with p-grm sk, ep crushed to pebble size	9.3	8K203	0.49	2.3	479	11	104	24	<2.5	<0.5			
			10.3	8K204	0.24	<0.5	368	9	215	72	<2.5	1.4			
	11.8		11.8	8K205	0.23	<0.5	614	15	147	31	<2.5	0.8			
	13.2	grd, with ep, p-grm wk sk grn-Cu	13.2	8K206	0.14	<0.5	291	19	73	21	<2.5	1.2			
		grd, hb with ep													
	16.2	5° clay, gm- gry	16.8												
	16.8		17.8	8K207	0.74	<0.5	368	8	94	26	<2.5	<0.5			
		sk, p-grm, fng crushed to pebble size	18.8	8K208	0.14	<0.5	189	7	55	18	<2.5	<0.5			
			19.8	8K209	0.30	<0.5	656	12	138	30	<2.5	0.8			
	20.8	fng sk, sil, p-grm - gry, ga	20.8	8K210	0.25	<0.5	277	7	69	21	<2.5	0.5			
	21.0	fng sk, dk brn, sil, ep crushed to pebble size with Fe stain	21.8	8K211	0.09	<0.5	24	10	29	266	<2.5	4.6			x
			23.2	8K212	0.90	<0.5	1073	9	146	41	<2.5	2.2			x
	23.2		24.2	8K213	0.03	<0.5	11	<3.5	9	11	<2.5	0.5			
		fng sk, sil, p-grm	25.0	8K214	0.04	<0.5	16	<3.5	10	20	<2.5	0.7			
	25.0	2° fng sk, p-br-gry, ep	26.2	8K215	<0.03	<0.5	32	13	18	3	<2.5	0.9			
		grd, sil, hb -> gm(chl ?)	27.5	8K216	<0.03	<0.5	41	13	26	<1.5	3	0.7			
	27.5		28.3	8K217	<0.03	<0.5	27	11	18	9	<2.5	1.1			
	28.3	fng sk, p-brn, banded	29.3	8K218	<0.03	<0.5	29	15	27	<1.5	<2.5	1.0			
	29.5	grd, p-gry, qz > hb, ep 29.5 m 10° fng sk, p-grm 30.0- 32.3m crushed to pebble size	30.3	8K219	<0.03	<0.5	22	7	24	9	<2.5	0.7			
	32.3	10° clay, p-brn grd, qz > hb crushed to pebble - sand size													
	38.3		38.3												
	38.5	2° cal v													
	39.7	finy p-brn, sk	39.7	8K220	0.07	<0.5	43	6	39	7	<2.5	<0.5			x
		grd, hb > qz, ep, gm-gry													
	43.6														
		grd, hb > qz > bio, ep crushed to pebble size													
	46.3														
	46.9	grd, hb > qz, ep along J													
	47.6														
	48.3	grd, hb > qz > bio													

Appendix 11 (5) GEOLOGIC CORE LOG OF MJKK - 2 (2/2)

MJKK - 2 (2/2) 50.0 m - 100.2 m

Level m Direction 23°
X m Inclination -75°
Y m Lon thg 00.2m

1/200

LITHO- LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo
	50.0	grd, qz>hb, ep crushed to pebble size											
	55.8												
	58.9	grd, hb>qz crushed to sand>pebble size											
	60.4	gm-Cu, grd, qz>hb, sil, with p-grm frag sk											
		grd, hb>qz, ep crushed to pebble>sand size											
	68.4												
	68.4	grd, qz>hb, p gm-gry	69.4										
	69.7	gm-Cu, grd, qz>hb, ep, with p-grm wk sk crushed to pebble size	70.4	8K221	0.05	0.8	655	10	115	8	<1	1.6	
	71.7		8K222	0.07	0.7	661	9	94	9	<1	1.9		
	72.8	grd, sil, qz>hb	72.7	8K223	<0.03	<0.4	58	12	32	4	<1	1.3	
	73.0	grd, with brn sk, crushed to pebble size	73.7	8K224	0.07	<0.4	140	11	74	24	<1	0.3	
	75.2		75.2	8K225	0.29	<0.4	263	4	93	39	<1	0.4	
	76.6	sk, p gm	76.2	8K226	0.05	<0.4	52	16	35	11	<1	0.4	
	77.0	30° 0.5° cal v, druse	77.2	8K227	0.05	0.4	29	13	22	17	<1	1.2	F
	77.5	90° 3° cal v, druse	78.2	8K228	0.16	<0.4	59	5	12	18	<1	0.2	77.3
	77.7	90° 5° cal v, druse	79.0	8K229	<0.03	0.7	6	5	7	4	<1	0.3	
	79.0	90° 2° cal v, brecciated zone, consolidated	80.0	8K230	0.17	0.6	68	5	20	22	<1	<0.2	
	80.8	sk, p brn, gm, crushed to pebble size	81.2	8K231	0.27	<0.4	146	3	38	28	<1	0.5	
	81.2	slg sil grd, with sk	82.2	8K232	0.10	<0.4	183	3	93	31	<1	0.2	
			83.2	8K233	0.11	<0.4	278	5	116	41	<1	0.5	
		p gm-brn sk, with grd, crushed to pebble size	84.2	8K234	0.37	<0.4	433	4	75	52	<1	0.4	
	gm-Cu	85.2	8K235	0.65	<0.4	809	5	63	45	<1	0.7		
		86.2	8K236	3.47	<0.4	838	5	63	61	<1	1.2		
		87.2	8K237	0.84	<0.4	703	3	35	41	<1	0.4		
88.2	slg sil grd, with p gm sk	88.2	8K238	0.30	<0.4	630	3	39	35	<1	0.7		
88.7		89.2	8K239	1.25	<0.4	102	8	59	16	<1	1.3		
	grd with sk, p gm-brn, crushed to pebble size	90.2	8K240	2.06	<0.4	246	4	133	41	<1	0.4		
91.7	slg sil grd, with p gm sk	91.2	8K241	0.50	<0.4	151	3	24	38	<1	<0.2		
92.3		92.3	8K242	0.09	<0.4	56	6	18	14	<1	1.2		
		93.3	8K243	0.07	<0.4	160	4	20	35	<1	0.6		
		94.3	8K244	0.07	<0.4	180	4	20	35	<1	<0.2		
	grd, with sk, p gm-brn crushed to pebble size	95.3	8K245	0.06	<0.4	165	3	17	40	<1	<0.2		
		96.3	8K246	0.05	0.4	149	4	18	43	<1	<0.2		
		97.3	8K247	0.03	<0.4	194	3	24	37	<1	<0.2		
		98.3	8K248	0.06	<0.4	210	3	20	31	<1	<0.2		
		99.3	8K249	0.03	<0.4	173	3	24	32	<1	<0.2		
100.2		100.2	8K250	0.05	<0.4	146	2	17	38	<1	<0.2		

100.2m The End

Appendix 11 (6) GEOLOGIC CORE LOG OF MJKK - 3 (1/3)

Appendix 11 (6)

1/200

Level m Direction 13°
X m Inclination -75°
Y m Length 124.6m

MJKK - 3 (1/3) 0.0 m ~ 50.0 m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT								LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo			
	0														
	3.2	sand, pebble													
	6.5	grd with ep 3.2 ~ 6.5 m crushed													
	9.5	0.5° qz v													
	10.0	10.0 - 10.4 m crushed													
	10.4														
	14.3	fng ga sk, p-brn ~ gm	14.3												
	16.2		16.2	8K 301	<0.03	<0.4	84	4	14	20	<1	<0.20			
	17.6	70° 10° p-gm fng sk	17.2	8K 302	0.07	0.9	333	12	54	8	<1	1.1			
	17.8	17.6 ~ 20° ga sk, fng, gm - Cu, ep, px	18.2	8K 303	0.10	<0.4	272	10	37	13	<1	1.6			
	18.0	70° 5° cal v	19.2	8K 304	<0.03	<0.4	422	8	42	15	<1	1.0			
	19.0	70° 20° cal v brn with fng sk gm													
	19.2	grd, qz > hb > bio, with ep 19.7 ~ 20.0 m grd with fng sk 19.8 m gm - Cu													
	25.6	fng sk, p-brn	25.6												
	26.4	non core	26.4	8K 305	<0.03	<0.4	53	5	13	18	<1	1.9			
	28.3	5° crushed with clay p-gm		8K 306	<0.03	<0.4	94	9	48	11	1	2.9			
	28.8		28.8												29.1 P
	30.5	fng sk, p-brn, with ep, gm - Cu	29.8	8K 307	0.57	1.0	662	3	11	45	<1	0.5			
			30.8	8K 308	0.43	1.6	610	10	16	25	<1	1.1			X 29.4
	31.0	80° 0.5° cal v, with gm - Cu, with 10° fng sk p-gm	31.8	8K 309	0.07	0.4	414	9	17	20	<1	2.1			
	31.7	80° 0.2° cal v, with 2° fng sk p-brn													
	32.4	80° 0.5° cal v, with 3° fng sk p-gm	32.8	8K 310	<0.03	<0.4	105	9	13	13	<1	3.0			
	33.7	33.0 m gm - Cu grd sil	33.8	8K 311	0.03	<0.4	432	6	18	16	1	1.4			
		80° 1° p-brn sk with gm - Cu, limo	34.8	8K 312	<0.03	<0.4	117	9	20	11	2	1.8			P 34.2
	38.4	grd, sil, ep													
	38.3	stg crushed to pebble size, with ep													
	39.4	80° 1° cal v, with fng p-gm sk													
	40.4														
		85° ep along joint grd, sil, ep													
	45.4														
	46.5	80° 0.2° cal v, with 2° sk fng p-brn, gm - Cu	46.5												
	47.4	10° cal v													
	47.9	fng ga sk, p-gm - brn 47.4 m - grd, sil ep	47.9	8K 313	0.07	<0.4	318	7	23	25	<1	0.4			T 46.9
	48.5	grd, hb > qz, ep													
	49.0	47.9 m 3° fng sk, p-brn													
	49.7	49.8 m > 50° 0.5° cal v 49.7 m - fng sk, p-gm	50.0	8K 314	0.13	<0.4	203	9	34	5	<1	0.5			

Appendix 11 (7) GEOLOGIC CORE LOG OF MJKK - 3 (2/3)

Appendix 11 (7)

1/280
m Direction 13°
m Inclination -75°
m Length 124.6m

MJKK - 3(2/3) 50.0 m ~ 100.0 m

Level
X
Y

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT								LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo			
	50.8	sk, fng, p-grm 49.0 ~ 56.1 m crushed													
	51.3	50° 0.5° cal v	51.3	8K 315	0.23	<0.4	137	6	19	12	3	0.9			
	51.7	50° 0.2° cal v, with 1° gm sk													
	52.8	50° 0.2° cal v with 3° ga sk, p-grm fng, ep, gm - Cu		8K 316	0.70	<0.4	164	8	26	10	2	1.4	X	52.8	
	54.5	54.2 m gm - Cu	54.2												
	54.5	45° 0.5° cal v		8K 317	<0.03	<0.4	380	6	14	11	<1	1.4			
	56.4	fng sk, p-brn - p-grm	56.4												
	56.4	50° 0.5° cal v													
	59.2	grd, sil, qz rich	59.2												
	59.2	grd, sil, p-grm, ep, wk-sk													
	61.3		61.5	8K 318	<0.03	<0.4	50	9	16	6	1	1.6			
	61.5	50° ga sk fng, with 1° cal v													
	64.1	20° crushed zone with wht clay	64.1												
	65.6	1° cal v	65.6												
	66.0	75° 2° cal v	66.8	8K 319	<0.03	<0.4	66	10	22	5	<1	4.2	F	65.9	
	68.0	fng sk, p-brn - p-grm	68.0	8K 320	<0.03	<0.4	25	10	15	4	<1	18.1			
	68.5	0.1° cal v, with 0.5° fng sk, p-brn grd, ep													
	68.8	clay, p-grm wht	70.0	8K 321	0.03	<0.4	102	12	40	4	<1	29.8		70	
	69.2	grd, ep, crushed with p-grm wht clay													
	70.9	clay, p-grm wht	72.0	8K 322	<0.03	<0.4	132	13	105	5	<1	29.9			
	71.5	grd, ep													
	73.5	gm/brn banded	73.5	8K 323	<0.03	0.5	67	10	48	5	<1	0.8			
	74.2	50° ga, sk, fng, ep, p-brn - p-grm													
	75.0	grd, hb, crushed	75.5	8K 324	<0.03	<0.4	68	4	31	7	<1	<0.20			
	76.9	fng sk, p-brn - gm, ep	76.9	8K 325	0.03	<0.4	92	7	18	6	<1	0.3			
		grd, sil, ep, qz > hb > bio													
	81.1	40° 0.5° cal v	81.1												
	83.1	40° 0.2° cal v, with 10° fng sk, p-grm	83.1												
	86.5	15° fng p-grm sk, with 0.1° cal v	86.5										P		
	87.2	50° sig sil rock 86.8 m gm - Cu	87.5	8K 326	<0.03	<0.4	105	4	20	15	<1	1.1		86.7	
		fng p-grm sk, with gm - Cu	89.0	8K 327	0.13	<0.4	141	<1.4	14	12	<1	0.3			
	89.6	89.0 - 89.6m crushed to pebble size													
	90.6	grd, crushed to sand size, with brn clay, cal	91.3	8K 328	0.03	<0.4	180	9	17	256	4	1.5			
	92.2	45° 0.5° cal v													
	92.2	sk, fng, p-grm													
	93.5	grd, sil	93.5	8K 329	<0.03	<0.4	27	5	17	35	<1	0.5			
	94.5	30° grd, wk, sil													
	95.5	40° 0.2° cal v, with 1° fng ep sk	95.5	8K 330	<0.03	<0.4	72	13	34	22	<1	1.3	F		
	96.2	0.5° qz v													
	96.8	50° fng sk, p-brn													
	96.8	grd, sil	97.7	8K 331	0.23	<0.4	94	10	20	19	<1	1.4			
	97.2	50° 0.5° cal v													
	97.7	fng sk, p-brn													
	99.9	grd, sil	99.9	8K 332	<0.03	<0.4	32	7	11	30	<1	1.8			
	99.9	80° 0.5° cal v													
		70° 0.2° cal v, with 1° p-grm sk													

Appendix 11 (8) GEOLOGIC CORE LOG OF MJKK - 3 (3/3)

Appendix 11 (8)

MJKK - 3 (3/3) 100.0 m ~ 124.6 m

Level
X
Y

17200
m Direction 13°
m Inclination -75°
m Length 124.6m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT								LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo		
" "		fng ga sk, p-brn												
" "	102.6	40° 8° cal v	102.0	8k 333	0.10	<0.4	14	5	7	14	<1	0.9		
" "	104.6	p-grn fng sk, crushed, with limo	104.0	8k 334	0.07	0.6	25	11	10	452	5	0.4		
" "	104.8	30° 10° cal v	104.8	8k 335	<0.03	<0.4	8	4	9	93	2	0.9		
" "	105.6	3° cal v												
" "	106.8	90° 3° cal v, druse, ep	106.8	8k 336	0.03	<0.4	30	7	16	13	<1	0.8		
" "	108.2	70° 1° cal v												
" "	108.7	10° 5° cal v												
" "	108.7	fng sk p-grn	108.8	8k 337	0.03	<0.4	17	6	10	7	<1	0.9	T	
" "	110.8	grd, slg sil, p-grn with sk p-brn	110.8	8k 338	0.03	<0.4	56	7	17	24	<1	1.1		
" "	112.8	with 0.5 ~ 2° p-brn banding of fng ga												
" "	112.8	ga sk, fng p-brn	112.8	8k 339	0.17	<0.4	40	7	24	15	<1	0.8		
" "	114.0		114.0	8k 340	<0.03	<0.4	19	6	14	7	<1	0.3		
" "	114.6	114.0~ 115.8m fng sk,dk gm ~ brn												
" "	115.6	80° 1° cal v 114.0~ 114.8m crushed with brn c yla	115.6	8k 341	0.03	0.6	11	9	18	397	2	1.4		
" "	117.6	fng sk, p-grn ga	117.6	8k 342	<0.03	<0.4	50	8	21	127	1	0.4	F	
" "	118.0	40° 3° qz v												
" "	119.6		119.6	8k 343	<0.03	<0.4	20	6	18	15	1	1.5		
" "	120.0	40° 2° cal v												
" "	120.9	grd, p-grn, sil												
" "	121.3	45° 0.5° cal v												
" "	121.4	50° 2.0° crushed to sand size												
" "	122.1	sk fng, p-brn with sil grd, gm												
" "	123.8	grd, slg sil, p-brn												
" "	124.6	30° 0.5° cal v, with p-brn clay, 10° p-brn sk												
		The End												

Appendix 11 (9) GEOLOGIC CORE LOG OF MJKK - 4 (1/2)

Appendix 11 (9)

1/200

Level m Direction 13°
X m Inclination -75°
Y m Length 84.5m

MJKK - 4 (1/2) 0.0 m - 50.0 m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo				
		soil, p- brn														
	17.4	sk, p- brn, ga, ep														
	20.2	soil, p- brn														
	22.2	sk, ga, ep, p- brn														
	23.2	p- brn clay and pebble of grd														
		soil & gravel														
	29.8	stg sil, p gm, crushed, ep, fng sk ? grd	29.8													
	31.1	20° w 15° v, w 0.1 ~ 0.5° ep, cal, qz veins, sk grd	30.8	8K401	0.03	<0.5	17	7	14	6	<2.5	1.9				
	31.8	30° 0.5° cal v	31.8	8K402	<0.03	<0.5	23	5	17	25	<2.5	2.7				
	32.9	31.4m - stg sil, grd p gm, fng wk sk, 0.1 ~ 1° qz	32.9	8K403	0.04	<0.5	20	4	15	10	<2.5	2.9				
	33.7	20° stg sil, p gm	33.9	8K404	0.05	<0.5	12	6	11	2	<2.5	3.3				
	34.5	90° 1° qz v	34.7	8K405	<0.03	<0.5	19	7	15	<1.5	<2.5	4.5			F	34.5
		1° qz v grd, stg sil, p gm gry, compact	35.9	8K406	0.04	<0.5	19	9	19	<1.5	<2.5	3.5				
		35.1 - 39.0m crushed 0.1 ~ 1° qz vlt	37.5	8K407	<0.03	<0.5	19	9	22	3	<2.5	1.7				
	38.3	30° 0.5° cal v with 5° sk, p gm - brn, with many 0.1- 1° qz v- lets	38.5	8K408	<0.03	<0.5	14	7	14	5	<2.5	4.1				
			39.5	8K409	0.03	<0.5	62	9	18	9	3	7.0				
	40.5	20° 1° qz v with brn sk 10°	40.5	8K410	0.10	<0.5	12	7	18	9	<2.5	1.6				
	41.0	30° 1° qz v	41.6	8K411	0.11	<0.5	36	7	15	4	<2.5	2.3				
	41.4	30° 1° cal v, with 15° sk, brn 41.5 ~ 42.5m	42.6	8K412	0.38	0.7	392	28	160	105	3	2.5				
	42.5	30° 2° cal v, with 5° gm sk crushed with brn clay	43.6	8K413	<0.03	<0.5	79	11	36	14	<2.5	2.4				
	43.0	40° 0.5° cal v	44.6	8K414	<0.03	<0.5	38	13	46	28	<2.5	3.2				
	44.5	grd, stg sil, hb - gm, p gm	45.3	8K415	<0.03	<0.5	35	11	36	6	3	2.2				
	45.3	44.5m - 20° brn sk														
		clay - sand, p-brn, with pebble of grd 30% qz > hb, ep														

Appendix 11 (10) GEOLOGIC CORE LOG OF MJKK - 4 (2/2)

Appendix 11 (10)

MJKK-4(2/2) 50.0 m - 84.5 m

Level 1/200
 X m Direction 13°
 Y m Inclination -75°
 m Length 84.5 m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST								
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo							
		clay ~ sand, p- gm-brn-wht with pebble 20% of grd, hb																		
	65.4	grd, stg sil, p- brn ~ gm, qz > hb -> gm, ep w 0.1 ~ 0.5° qz v-lets a lot < 30°																		
	68.4	grd, stg sil, p- brn with wk sk																		
	70.0	68.0 ~ 70.0m crushed to pebble size																		
			grd, hb > qz, ep crushed to sand > pebble size																	
	77.5	grd, with qz v-let a lot, with wk sk, ep																		
	78.0	p- gm																		
	78.8	78.8 ~ 79.3m grd, with wk sk																		
	79.3																			
			78.0m~ grd, hb > qz, ep crushed to sand > pebble size with clay with p- gm- grey																	
	83.8																			
	84.5	grd, sil with sk, gm																		
		The End																		

Appendix 11 (11) GEOLOGIC CORE LOG OF MJKK - 5 (1/2)

MJKK - 5 (1/2) 0.0 m - 50.0 m

1/200
 Level m Direction -
 X m Inclination -90°
 Y m Length 100.4m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT								LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo			
	0	sand & gravel of limestone													
	5.7														
ls	8.9	ls,whit,cr,wk p-gm													
	10.7	20° cal v, skeleton like cal,wk,yel													
ls	14.5	ls,whit,crushed													
ls	16.3	ls,whit,cr													
ls	17.4	ls,whit,cr,crushed to coarse sand size													
	25.2	ls,whit,cr,crushed													
	25.2	25.2m-grd,ep,sl	25.2												
	26.2	25.9-26.0m sk-grd with gm-Cu along Joint	26.2	8K501	0.19	3.0	1,138	25	920	20	2	1.2		P	
	27.2	26.2m-grd,ep,hb. 26.2-27.0m pinkish	27.2	8K502	0.52	1.5	1,011	8	629	13	<1.25	1.1		P	25.9
	29.1	0.5° cal v	29.1	8K503	0.13	2.3	2,039	7	1,216	10	2	2.1			
	29.4	fng p-gm sk													
	30.1	grd, wk pk, qz>hb	30.1	8K504	0.50	2.0	2,361	13	1,184	11	3	1.1			
	30.5	30.5-33.7m crushed													
	31.1	15° crushed with wht clay	31.1	8K505	0.09	1.2	690	13	348	6	1	0.6			
	32.1	32.0-36.2m grd,pk	32.1	8K506	0.06	1.1	776	12	347	5	2	0.6			
	33.1	3° cal v, with ga band	33.1	8K507	0.13	0.9	1,067	13	387	12	2	0.8			
	33.7	32.9m gm-Cu along Joint													
	34.9	35.8m gm-Cu along joint	34.9	8K508	<0.03	1.0	873	12	491	4	1	1.1			
	35.9	30° cal vein with blue Cu with limo band	35.9	8K509	<0.03	0.7	1,548	6	466	5	4	1.9		P	
	36.2	36.4m gm-CU along joint	36.2	8K510	35.7	70.8	2758	41	26	38	4	1.1		P	35.9
	37.2	36.2-37.8m crushed with wht clay	37.2	8K511	0.61	0.8	718	7	87	6	2	0.4			
	38.2	36.2-39.5m grd,wk, sk with cal	38.2	8K512	0.27	0.6	705	10	79	25	1	0.8			
	39.5	38.5-39.5m crushed with wht clay	39.5	8K513	0.06	2.8	300	11	62	15	<1.25	1.9			
	40.5	39.5m-grd, grey-p-gm, qz>hb>bio	40.5	8K514	<0.03	<0.5	116	8	14	2	1	3.3			
	43.8	40.0m gm-Cu along joint													
	43.8	43.6m-grd,ep, grey-p-gm, qz>hb>bio													
	44.9	44.9-49.6m crushed													
	48.4	1° cal v, with fng br sk	48.4												
	49.6	49.6m-crushed with wht clay	49.6												

Appendix 11 (13) GEOLOGIC CORE LOG OF MJKK - 6 (1/5)

1/200

MJKK-6(1/5) 0.0 m -50.0m

Level m Direction -
X m Inclination -90°
Y m Length 210.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo	
	0.8	soil												
		ls, pebble with wht ls clay												
	9.2													
		ls, crushed to size of pebble and sand												
	14.6													
	15.3	ls, wk sk, crushed to pebble and sand size												
	16.3	ls, crushed to pebble, sand size with wht clay	16.3											
	17.8	50° grd, with wk sk, 16.7m 10° p-gm sk <50°	17.8	8K601	0.04	<0.5	287	15	40	8	<1.25	8.3		
		sk, fng, ep, stg sil												
	18.8		18.8	8K602	0.06	<0.5	318	16	47	10	2	3.4		
	19.5													
	19.8	50° 1° cal v	19.8	8K603	0.03	<0.5	255	11	27	11	<1.25	1.4		
		grd, wk sk, p-gm-gry, ep												
	20.8		20.8	8K604	<0.03	<0.5	162	13	41	6	<1.25	3.1		
		grd, ep, gry, qz>hb												
	21.8		21.8	8K605	<0.03	<0.5	133	15	31	3	1	2.5		
		grd, sk, p-gm												
	22.8		22.8	8K606	<0.03	<0.5	81	15	18	1	<1.25	0.7		
		grd, ep, gry qz>hb												
	23.8		23.8	8K607	0.11	<0.5	127	17	19	3	<1.25	1.6		
		10° sk, fng, p-brn												
	24.8		24.8	8K608	<0.03	<0.5	123	16	22	3	<2.5	1.4		
		25.7-29.7m crushed, ep along J												
	30.8		30.8											
		30° 0.5° cal v												
	33.9		33.9											
		30° 5° clay												
	35.7		35.7	8K609	<0.03	<0.5	107	18	20	2	<2.5	2.7		
		grd, with fng sk, p-gm												
	36.8		36.8	8K610	0.12	<0.5	209	11	18	22	<2.5	0.9		
		sk, p-gm, ga												
	37.1		37.8	8K611	0.23	<0.5	217	10	14	53	<2.5	0.7		
		15° 20° cal net-work vein												
		20° non core												
	39.9		41.3											
		10° crushed												
		grd, hb, grey												
	42.3		42.3	8K612	0.05	<0.5	121	14	21	13	<2.5	1.3		
	43.3		43.3	8K613	0.04	<0.5	187	9	15	60	3	0.5		
		grd, sil, p-gm, wk sk												
	44.3		44.3	8K614	0.06	<0.5	182	8	15	51	<2.5	0.8		
	45.2		45.3	8K615	<0.03	<0.5	129	19	25	7	<2.5	1.0		
			46.3	8K616	<0.03	<0.5	33	21	23	2	<2.5	2.1		
			48.0											
	48.6		49.0	8K617	<0.03	<0.5	414	18	40	5	<2.5	7.5		
		70° 0.5° cal v												
	49.1		50.0	8K618	0.09	<0.5	277	12	33	7	<2.5	0.9		
		80° 2° cal v												
	49.3													
		49.0-49.3m grd, p-grd, sil, wk sk												

Appendix 11 (14) GEOLOGIC CORE LOG OF MJKK - 6 (2/5)

Appendix 11 (14)

MJKK - 6(2/5) 50.0 m ~ 100.0 m

Level
X
Y
1/200
m Direction -
m Inclination -90°
m Length 210.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo
x x	50.1	80° 1° cal v	50.8	8K 619	0.05	<0.5	133	14	28	4	<2.5	0.8	50
	50.8		51.8	8K 620	<0.03	<0.5	50	15	17	14	<2.5	0.8	
x	53.4	grd, sil, p- gm, wk sk	52.8	8K 621	<0.03	<0.5	126	17	18	3	<2.5	1.1	50
			53.4	8K 622	0.03	<0.5	84	12	13	10	<2.5	1.1	
x	56.3	grd, hb, sil	54.9	8K 623	<0.03	<0.5	74	24	19	2	<2.5	1.5	55.4
			56.3	8K 624	0.06	<0.5	286	91	23	3	<2.5	1.2	
x	64.0	gm Cu	64.0										50
			64.7	8K 625	0.05	<0.5	176	9	18	6	<2.5	1.0	
x	66.2	0.5° cal v, p- gm	64.7	8K 626	0.04	<0.5	210	14	27	3	<2.5	0.9	50
			66.0	8K 627	0.12	<0.5	400	11	24	4	<2.5	1.1	
x	67.8	grd, sil, ep, wk sk	66.2	8K 628	0.08	<0.5	128	8	18	4	<2.5	0.9	50
			66.5	8K 629	<0.03	<0.5	23	<3.5	9	<1.5	<2.5	0.6	
x	69.7	cgl of ls, with p- gm sk	67.8	8K 630	<0.03	<0.5	23	<3.5	8	<1.5	<2.5	0.5	50
			67.8	8K 629	<0.03	<0.5	23	<3.5	9	<1.5	<2.5	0.6	
x	70.2	cgl of ls, p- gm wht	68.8	8K 630	<0.03	<0.5	23	<3.5	8	<1.5	<2.5	0.5	50
			69.7	8K 631	<0.03	<0.5	36	<3.5	7	<1.5	<2.5	1.4	
x	72.6	cgl of ls, with pk mineral, brecciated	69.7	8K 631	<0.03	<0.5	36	<3.5	7	<1.5	<2.5	1.4	50
			70.2	8K 632	<0.03	<0.5	19	<3.5	8	4	<2.5	0.6	
x	73.3	cgl of ls, wht, crl'	70.2	8K 632	<0.03	<0.5	19	<3.5	8	4	<2.5	0.6	50
			72.0	8K 633	<0.03	<0.5	36	<3.5	16	2	<2.5	<0.5	
x	75.0	cgl of ls, with pk mineral, brecciated, crd	72.6	8K 633	<0.03	<0.5	36	<3.5	16	2	<2.5	<0.5	50
			73.3	8K 634	<0.03	<0.5	11	<3.5	12	4	<2.5	1.2	
x	77.7	40° cgl of ls, crl, with p- gm stock, drusy	73.3	8K 634	<0.03	<0.5	11	<3.5	12	4	<2.5	1.2	50
			74.3	8K 635	<0.03	<0.5	25	<3.5	17	11	3	0.6	
x	80.0	1° cal v	75.0	8K 635	<0.03	<0.5	25	<3.5	17	11	3	0.6	50
			75.3	8K 636	<0.03	<0.5	35	<3.5	16	4	<2.5	0.5	
x	80.7	cgl of ls, sil, with pale gm stock	76.3	8K 637	<0.03	<0.5	11	<3.5	12	7	<2.5	0.5	50
			77.3	8K 638	<0.03	<0.5	8	<3.5	8	6	<2.5	<0.5	
x	82.4	78.0 ~ 80.0m crushed	78.3	8K 639	<0.03	6.6	28	<3.5	6	2	<2.5	0.5	50
			79.3	8K 640	<0.03	<0.5	19	4	11	5	<2.5	0.8	
x	83.8	cgl of ls, with p- gm sk, brecciated	80.0	8K 640	<0.03	<0.5	19	4	11	5	<2.5	0.8	50
			80.3	8K 641	<0.03	<0.5	27	<3.5	16	13	<2.5	0.7	
x	87.9	cgl of ls, wht, crl, brecciated	80.7	8K 642	<0.03	<0.5	18	<3.5	13	4	<2.5	<0.5	50
			81.7	8K 643	0.05	<0.5	27	<3.5	17	7	<2.5	<0.5	
x	89.3	cgl of ls, wht, crl, with pk mineral, brecciated	82.4										50
			83.8										
x	92.1	80.0m ~ brecciated 5° max. sub ang matrix 20% wht carbonate	87.9										50
			87.9										
x	92.7	cgl of ls, wht, crl, porous, brecciated	87.9										50
			89.3	8K 644	<0.03	<0.5	29	4	13	5	<2.5	0.6	
x	93.7	cgl of ls, wht, with p- gm sk wk	89.3	8K 644	<0.03	<0.5	29	4	13	5	<2.5	0.6	50
			92.1										
x	94.7	cgl of ls, wht, with pk mineral, brecciated	92.1										50
			92.7	8K 645	<0.03	<0.5	34	4	22	2	3	<0.5	
x	96.6	cgl of ls, crushed, brecciated	93.7	8K 646	<0.03	<0.5	20	4	18	3	<2.5	<0.5	50
			94.7	8K 647	<0.03	<0.5	21	10	12	4	<2.5	0.6	
x	97.9	cgl of ls, wht, with p- gm wk sk, brecciated	94.7	8K 647	<0.03	<0.5	21	10	12	4	<2.5	0.6	50
			95.9										
x	99.9	cgl of ls, wht, crl, brecciated	96.6										50
			96.6	8K 648	<0.03	30.0	82	7	35	7	<2.5	1.0	
x	99.9	94.7 ~ 95.2m crushed	97.9	8K 649	<0.03	<0.5	61	5	24	5	<2.5	0.8	50
			97.9	8K 649	<0.03	<0.5	61	5	24	5	<2.5	0.8	
x	99.9	clay, p- brn wht, with grd >> ls pebble 20%	99.9										50
			99.9										
x	99.9	cgl of ls, with p- gm wk sk, crushed, brecciated	99.9										50
			99.9										
x	99.9	cgl of ls, wht, crl, crushed, to pebble size	99.9										50
			99.9										
x	99.9	5° max. sub rounded matrix 50%, p- brn clay (= carbonate)	99.9										50
			99.9										

Appendix 11 (15) GEOLOGIC CORE LOG OF MJKK - 6 (3/5)

1/200

Level m Direction -
 X m Inclination -90°
 Y m Length 210.0m

MJKK-6(3/5) 100.0m ~150.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST							
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo						
	100.4	cgl of ls, wht, cri, brecciated																	
		cgl of ls, cri, wht, with p-bm clay-sand																	
		ϕ max 5° rounded ϕ 5° >sub angular matrix p-bm clay 5%, carbonate 5%	105.6																
		cgl of ls, ϕ 20° max, cri, gry matrix p-bm clay, 5%	108.9																
		diorite, altered, green, ϕ 60° <cobble?	109.5																
		ϕ 20° sk cobble, p-gm	111.5																
		cgl of ls, ϕ 15° max, rounded ϕ 1° >sub ang-ang matrix 20%, p-bm carbonate clay-sand																	
		cgl of ls, ϕ 5°-20° rounded, ϕ 1° >sub ang-ang matrix 20%, p-bm carbonate, clay-sand																	
		ϕ 10° sk, gm, ounded	120.8																
		cgl of ls, ϕ 20° max, gry-wht, rounded ϕ 1° >sub ang-ang matrix 20%, p-bm clay, carbonate																	
		cgl of ls, 130.0m-p-gry	130.0																
		cgl of ls																	
		ϕ 2° bm, ss pebble ϕ 5° bm, ss pebble	133.4 134.0																
		cgl of ls, ϕ 20° max, cri, p-gry, rounded ϕ 2° >s-ang-ang matrix 10%, p-bm clay																	
		cgl of ls, 138.4m-p-bm-wht	138.4																
		cgl of ls, ϕ 3° ang-a-and, p-bm-wht matrix 70%, bm clay-sand, carbonate																	
		cgl of ls, ϕ 5° rounded, p-bm-wht ϕ 2° >s-ang-ang matrix 30%, bm, clay-sand clay-sand, unconsolidated	144.1 145.4																
		cgl of ls, ϕ 2° > ang, 5%, gry cgl of ls, ϕ 10° rounded, ϕ 1° >s-ang-ang, gry matrix 40%, bm clay-sand	148.9 148.6																
	clay-sand, unconsolidated, ϕ 1° >ls ang 5%, gry	150.0																	

Appendix 11 (16) GEOLOGIC CORE LOG OF MJKK - 6 (4/5)

Appendix 11 (16)

MJKK - 6 (4/5) 150.0 m - 200.0 m

1/200
 Level m Direction -
 X m Inclination -90°
 Y m Length 210.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT								LAB. TEST				
					Au	Ag	Cu	Pb	Zn	As	Sb	Mo					
	150.2	cgl of ls, # 4° gry, sub-ang, # 2° > ang matrix 30%, bm, clay - sand															
	151.3	151.3m, # 3° grd, gm															
	151.5	sand - clay, sub consolidated matrix 95% bm clay - sand, calcareous cgl of ls, # 10° ang, 5%, p- gry															
	156.4	cgl of ls, # 5 - 10° p- gry, s- rounded # 3° > sub ang - ang matrix 30% = 50%, bm-clay - sand, calcareous															
	162.5	sand - clay, sub consolidated matrix 70%, bm, # 1° - 3° ls, ang, p- gry															
	164.1	cgl of ls, # 10° max, p- gry, s-ang - ang matrix 20%, bm, clay - sand															
	166.6	sand - clay, sub-consolidated matrix 80%, bm, # 0.5 - 3° ls, p- gry, ang															
	168.0	cgl of ls, # 15° max, p- gry, s-ang - s-round # 5° > ang, gry matrix 15%, bm gry - sand, calcareous															
	175.8	sand - clay rich, bm cgl of ls, # 2° max, s-ang - ang matrix 90%, partially not calcareous															
	182.4	cgl of ls, # 15° max, s- round, p- gry # 2° > ang - s-ang matrix 10%, bm, sand - clay															
	186.8	sand - clay, 90% # 1° max ang, p- bm															
	187.2	cgl of ls, # 5° max sub- round, gry - wht, ep # 3° > s-ang - ang, matrix 20%															
	189.4	sand - clay, 80%, p- bm cgl of ls, # 1° max ang, gry															
	191.8	191.8m - # 3° max s- round - ang ls, gry															
	192.8	192.8m # 1.5° dk gry stg sil rock matrix 80% sand clay 80%															
194.3	# 3° stg sil grd, arg, s- round																
194.4	# 3° stg sil grd, arg, s- round																
196.0	196.8m - 10° p- gm clay 197.3m - 10° p- gm clay																
196.0	clay - sand, 95%, well consolidated, re-brecciated cgl of ls, # 0.5° max, gry, ang																

Appendix 11 (17) GEOLOGIC CORE LOG OF MJKK - 6 (5/5)

MJKK-6(5/5) 200.0m ~210.0m

Level 1/200
 X m Direction
 Y m Inclination -80°
 m Length 210.0 m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo	
	204.6	cgl of ls, # 1° > ang, gry matrix 80%, p-bm sand-clay												
	204.8													
	206.0													
	207.0	cgl of ls, # 5° max s-ang, wht. 206 9m-10° alt grd # 1-2° ang matrix 10%, bio rich, calcareous, weathered												
	208.4													
208.9	60° 1° cal v.	210.0m The End												

Appendix 11 (18) GEOLOGIC CORE LOG OF MJKK - 7 (1/2)

Appendix 11 (18)

1/200

MJKK - 7(1/2) 0.0 m -50.0m

Level
X m Direction -
Y m Inclination -90°
m Length 83.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	ASSAY RESULT										LAB. TEST		
				Ne	Au	Ag	Cu	Pb	Zn	As	Sb	Mo				
	0															
		soil>clay, pebble of ls p-bm														
	12.5															
	13.9	breccia of ls, ϕ 20°														
		breccia of ls, with wht clay														
	16.9	breccia of ls, ϕ 10° not concreted														
		clay														
	23.2		23.2													
	24.4	ls, wht, cri, crushed	24.4	8K701	<0.03	<0.5	18	<3.5	28	<1.5	<2.5	<0.5				
		ls, with p-grm sk	25.4	2	<0.03	<0.5	31	14	40	5	3	<0.5				
			26.4	3	<0.03	<0.5	22	6	32	6	<2.5	0.5				
	27.7	ls, wht, cri	27.4	4	<0.03	<0.5	14	5	178	3	<2.5	<0.5				
	28.4		28.4	5	<0.03	<0.5	22	4	48	3	<2.5	<0.5				
			29.4	6	<0.03	<0.5	59	7	35	8	<2.5	0.5				
			30.4	7	0.20	<0.5	121	9	42	9	<2.5	<0.5				
		ls, with p-grm sk	31.4	8	0.11	<0.5	125	5	38	17	<2.5	<0.5				
			32.4	9	<0.03	<0.5	18	<3.5	52	<1.5	<2.5	<0.5				
			33.4	10	<0.03	<0.5	6	<3.5	87	2	<2.5	<0.5				
	34.5	34.4m -50° asp imp, ls, wk sk, p-grm, with oxd py	34.5	11	<0.03	<0.5	45	6	211	5	<2.5	<0.5	P			
	35.5		35.5	12	0.05	<0.5	23	5	35	51	<2.5	<0.5		34.7		
		sk, fng ga, p-grm	36.5	13	0.07	<0.5	137	5	58	53	<2.5	<0.5				
	37.8		37.9	14	0.06	<0.5	39	7	64	65	<2.5	0.5	P			
			38.9	15	<0.03	<0.5	27	5	100	6	<2.5	<0.5		37.6		
		ls, with p-grm sk	39.9	16	<0.03	<0.5	18	44	260	13	<2.5	<0.5		T		
		39.8-40.8m crushed	40.9	17	<0.03	<0.5	17	20	211	11	<2.5	<0.5			36.8	
	42.5	py oxd imp	42.5	18	<0.03	<0.5	41	9	162	17	<2.5	<0.5				
			43.5	19	<0.03	<0.5	24	58	282	27	<2.5	<0.5		T		
		sk, fng ga, p-grm	44.5	20	<0.03	<0.5	16	23	126	21	<2.5	<0.5			43.3	
			45.5	21	<0.03	<0.5	24	17	196	14	<2.5	<0.5				
			46.5	22	<0.03	<0.5	23	6	38	13	<2.5	<0.5				
	47.3	47.0m -20° p-grm sk with sil p-bm	47.3	23	<0.03	<0.5	7	7	72	10	<2.5	<0.5		T		
	48.0	ls, with sk p-grm	48.0	24	<0.03	<0.5	4	4	38	6	<2.5	<0.5			47.0	
	49.2	ls, sil, wht	49.2	25	<0.03	<0.5	2	<3.5	9	6	<2.5	<0.5				
		30° cal network v														
		ls, sil, wht		26	<0.03	<0.5	7	6	64	7	<2.5	<0.5				

Appendix 11 (19) GEOLOGIC CORE LOG OF MJKK - 7 (2/2)

Appendix 11 (19)

1/200

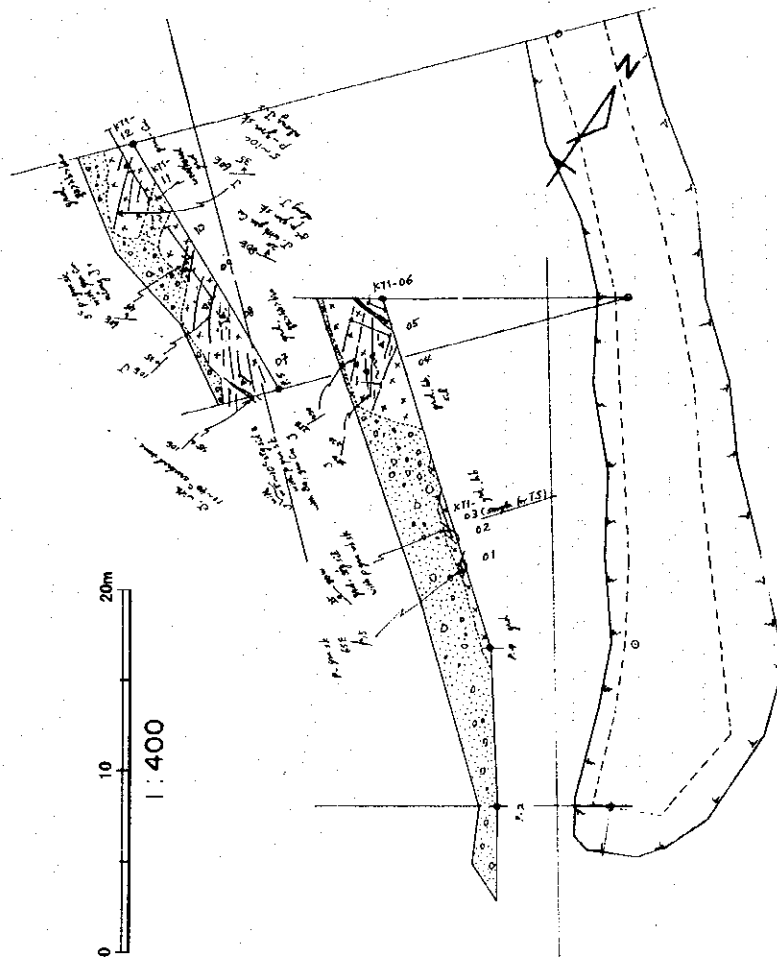
MJKK - 7(2/2) 50.0 m -93.1m

Level X
Y
m Direction -
m Inclination -90°
m Length 93.1m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No	ASSAY RESULT							LAB. TEST									
					Au	Ag	Cu	Pb	Zn	As	Sb		Mo								
	50.2	50° ga sk, gm	50.2																		
	51.3		51.3	8K727	<0.03	<0.5	20	6	70	12	<2.5	<0.5		S	50.2						
	52.5	ls, sil, wht																			
	53.1	clay, wht, with ls pebble	52.5	28	<0.03	<0.5	10	4	31	7	<2.5	<0.5									
		ls, sil, with pk cal network																			
	58.2		58.2																		
x	58.8		58.8	29	<0.03	<0.5	27	20	286	15	<2.5	<0.5		X	55.0						
x																					
x	58.5																				
	59.6	ls crushed in pebble size, wht, chl																			
x																					
x		grd, hb>>bio, p-grm																			
x																					
x	83.4	grd, crushed with p-grm wht clay																			
x	84.4	grd																			
x	84.9	grd, crushed, with p-grm wht clay																			
x	86.1																				
x																					
x	68.6	70° 10° crushed, with pk clay, pk cal																			
x																					
x	70.3	60° 20° crushed, with wht clay																			
x																					
x		grd, hb>>bio, p-grm gry																			
x																					
x		74.0-75.8m crushed with wht clay																			
x																					
x		77.3-78.0m crushed, ep along J																			
x																					
x		80.7-81.1m crushed, ep along J																			
x																					
x	83.6	10° 10° clay, p-brn, 60° crushed																			
x																					
x	85.8	30° 3° clay, p-gry, 10° crushed																			
x																					
x	87.4	60° 10° crushed, ep along J																			
x																					
x	88.5	30° 5° clay																			
x																					
x		grd, gz>hb																			
x		grd, hb...chl																			
x		91.2-93.1m crushed to pebble size																			
	93.1	The End																			

LEGEND

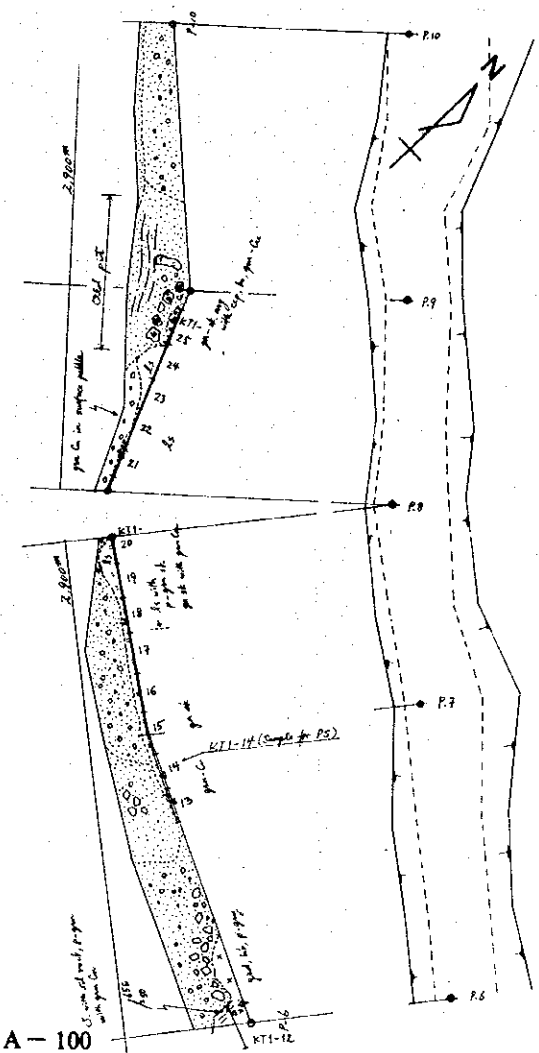
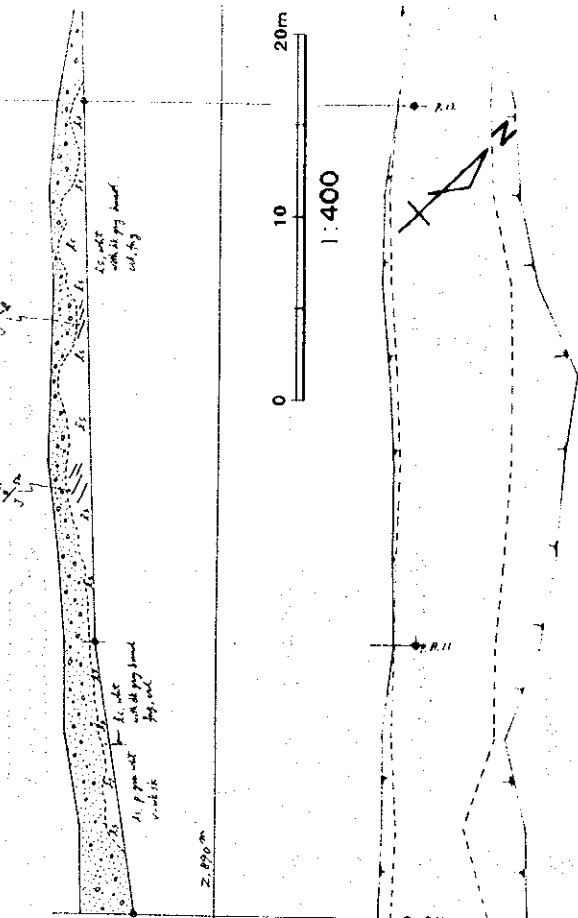
- Detritus
 - △ Ore impregnation
 - fs Limestone
 - X Granodiorite porphyry
 - || Skarn
 - ∕ Joint, fracture
 - ~ Sheared zone
- △ Locality and number of channel samples
KT1-06



sample No.	Wid. m	Au. ppm	Ag. ppm	Cu. %	Pb. ppm	Zn. ppm	Mo. ppm	As. ppm	Sb. ppm
KT 1 1	0.3	0.17	<0.5	0.02	14	12	0.4	28	<1.3
KT 1 2	0.4	0.28	0.8	0.04	15	24	0.5	5	<1.3
KT 1 3	2.1	0.16	2.1	0.08	19	19	2.7	6	1.0
KT 1 4	1.3	1.29	3.3	0.22	35	40	1.2	16	<1.3
KT 1 5	2.2	0.06	0.8	0.06	20	30	2.6	11	<1.3
KT 1 6	1.0	0.05	<0.5	0.04	40	39	3.1	7	<1.3
KT 1 7	0.7	0.22	1.4	0.12	29	31	1.7	12	<1.3
KT 1 8	0.5	0.35	3.2	0.16	52	24	2.2	14	<1.3
KT 1 9	1.8	0.13	1.2	0.05	26	33	1.6	5	<1.3
KT 1 10	2.0	0.04	<0.5	0.02	24	37	0.9	5	<1.3
KT 1 11	1.8	0.13	1.8	0.14	25	41	1.8	17	<1.3
KT 1 12	2.5	0.94	8.9	0.65	44	28	2.3	20	<1.3

Appendix 12 (1) Geological Sketch of Trench I (1/2)

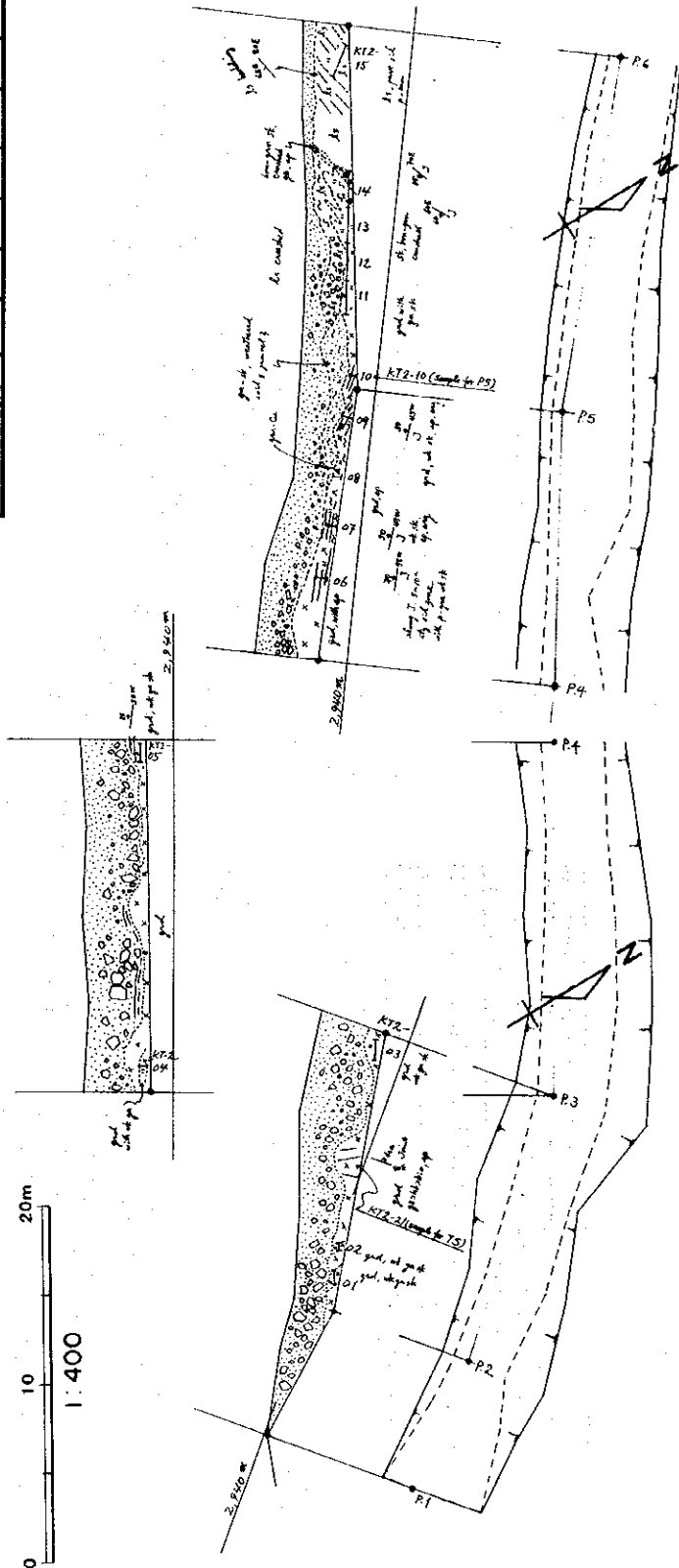
Sample No.	Wd. m	Au, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	As, ppm	Sb, ppm
KT 1	13	2.0	<0.5	0.06	5	13	0.3	29
KT 1	14	2.0	0.39	1.6	0.49	5	22	0.3
KT 1	15	2.1	<0.03	<0.5	0.01	4	15	<0.3
KT 1	16	2.0	<0.03	<0.5	0.03	5	29	<0.3
KT 1	17	2.0	<0.03	<0.5	0.02	7	12	0.3
KT 1	18	2.0	0.04	<0.5	0.28	5	9	0.8
KT 1	19	2.0	<0.03	<0.5	0.02	4	5	0.3
KT 1	20	2.0	0.12	1.1	0.08	4	7	<0.3
KT 1	21	2.0	0.05	1.3	0.10	5	8	<0.3
KT 1	22	2.1	0.19	9.6	0.70	9	8	1.3
KT 1	23	1.8	0.04	<0.5	0.02	3	12	4.9
KT 1	24	2.1	0.04	<0.5	0.01	5	13	0.4
KT 1	25	2.0	0.14	0.6	0.24	6	29	2.6



Appendix 12 (2) Geological Sketch of Trench I (2/2)

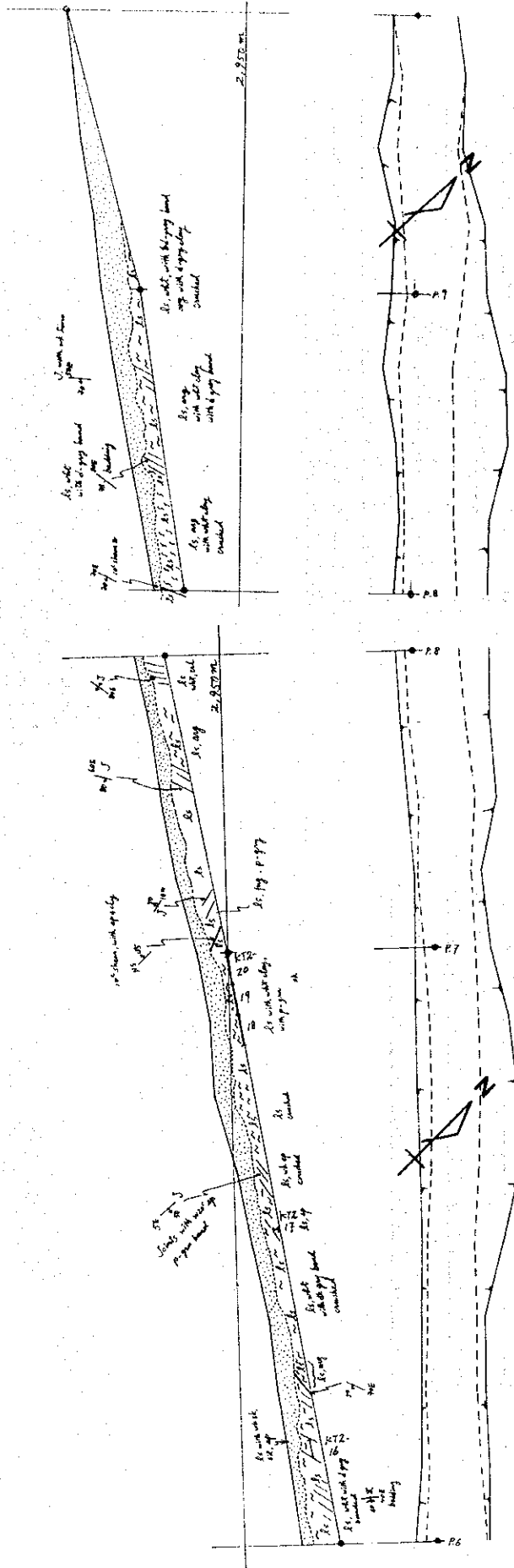
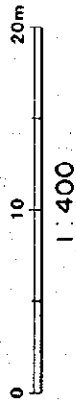
sample No.	Wid. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	As ppm	Sb ppm
KT 2	6	0.06	<0.5	0.03	20	82	1.3	7
KT 2	7	0.08	0.9	0.06	16	104	1.5	12
KT 2	8	1.65	4.5	0.48	30	58	3.6	28
KT 2	9	<0.03	<0.5	0.02	16	45	2.7	4
KT 2	10	0.07	<0.5	0.02	11	38	0.9	5
KT 2	11	0.30	<0.5	0.06	12	95	1.9	23
KT 2	12	0.31	<0.5	0.06	15	98	1.8	12
KT 2	13	0.18	0.7	0.08	14	130	1.6	13
KT 2	14	0.68	3.7	0.21	13	87	3.6	28
KT 2	15	<0.03	<0.5	0.01	6	28	0.4	12

sample No.	Wid. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	As ppm	Sb ppm
KT 2	1	0.17	<0.5	0.11	29	58	6.3	14
KT 2	2	0.14	<0.5	0.08	12	17	3.6	10
KT 2	3	0.07	<0.5	0.03	18	44	4.3	8
KT 2	4	0.05	<0.5	0.03	17	34	5.5	14
KT 2	5	0.10	<0.5	0.05	35	97	3.1	10



Appendix 12 (3) Geological Sketch of Trench II (1/2)

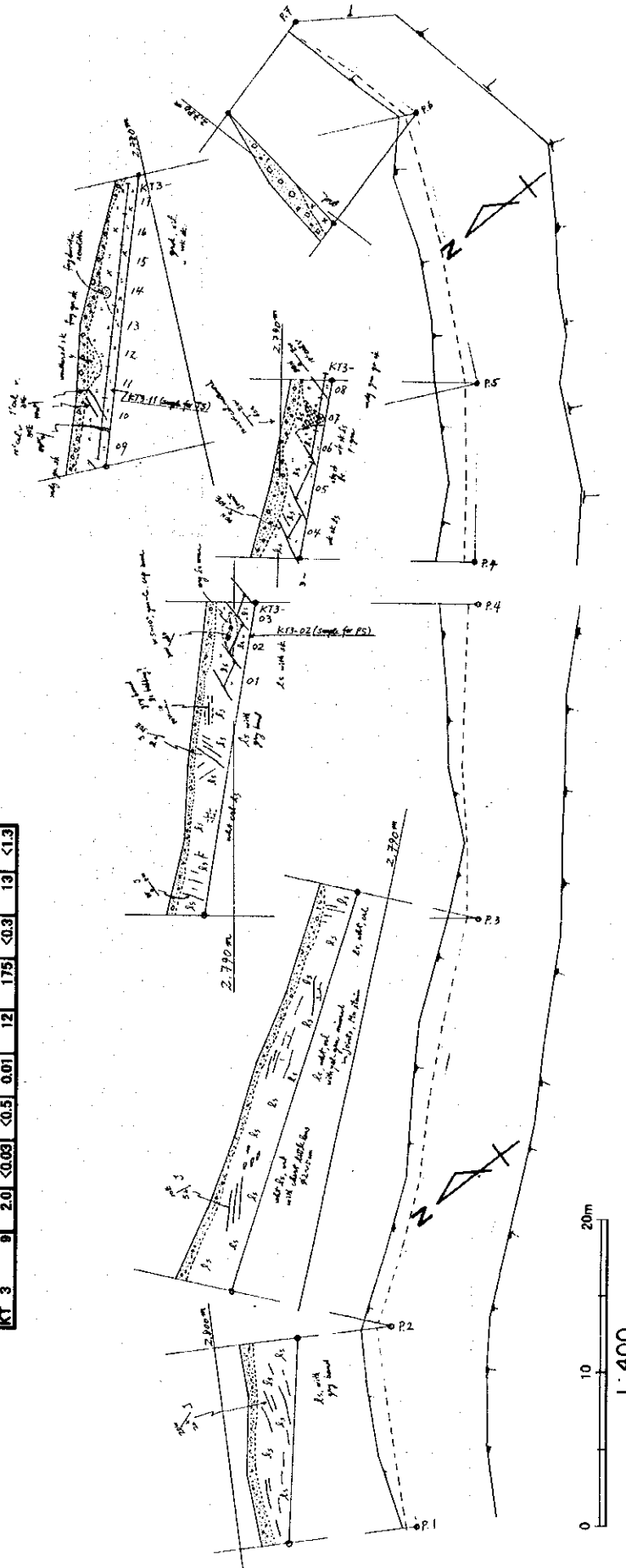
sample No.	Wid. m	As, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mn, ppm	Au, ppm	Sub, ppm
KT 2 16	1.0	0.36	<0.5	0.02	12	224	0.4	15	1.6
KT 2 17	0.3	<0.03	<0.5	0.01	2	55	<0.3	14	2.5
KT 2 18	2.0	<0.03	<0.5	0.01	7	133	<0.3	6	<1.3
KT 2 19	2.0	<0.03	<0.5	0.01	9	121	0.3	7	<1.3
KT 2 20	2.0	<0.03	<0.5	0.01	11	104	0.3	6	1.6



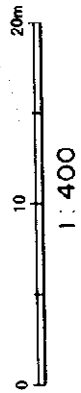
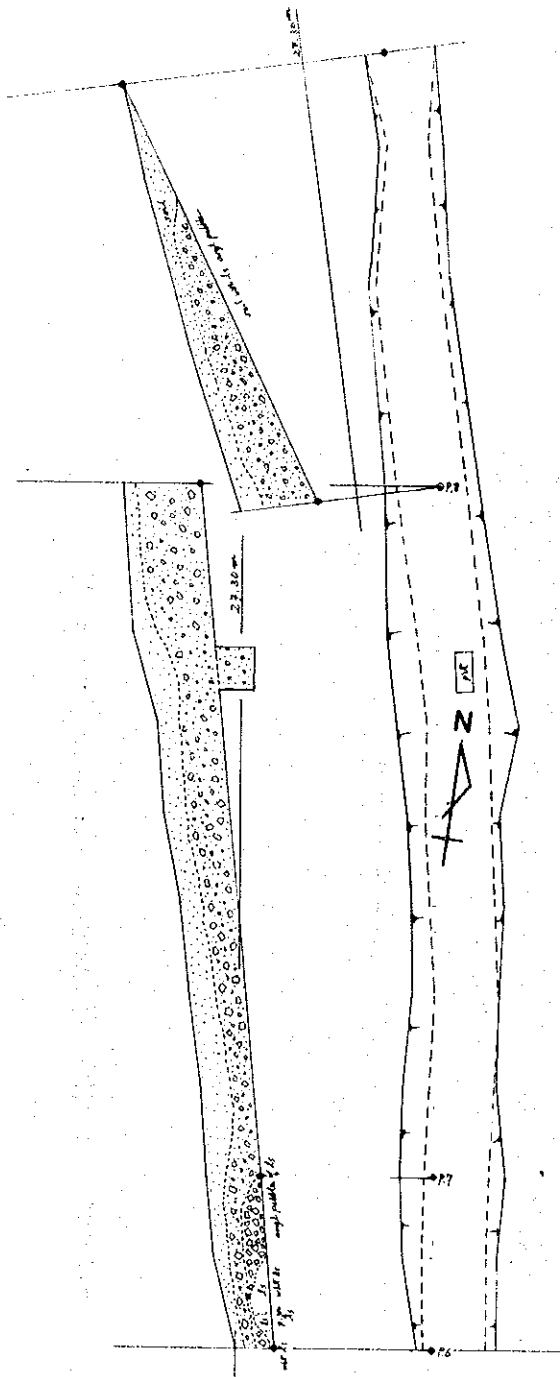
Appendix 12 (4) Geological Sketch of Trench II (2/2)

Sample No.	Wid. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
KT 3	2.0	<0.03	<0.5	0.01	6	192	<0.3	23	<1.3
KT 3	2.1	0.14	<0.5	0.02	23	217	<0.3	21	<1.3
KT 3	1.9	0.11	<0.5	0.02	36	231	0.7	14	<1.3
KT 3	2.0	<0.03	<0.5	0.01	8	52	0.3	6	<1.3
KT 3	2.1	0.03	<0.5	0.01	12	64	0.6	5	<1.3
KT 3	1.9	<0.03	<0.5	0.00	10	39	0.6	8	<1.3
KT 3	2.0	<0.03	<0.5	0.01	21	47	0.5	7	<1.3
KT 3	1.7	2.0	<0.5	0.01	9	41	0.5	21	<1.3

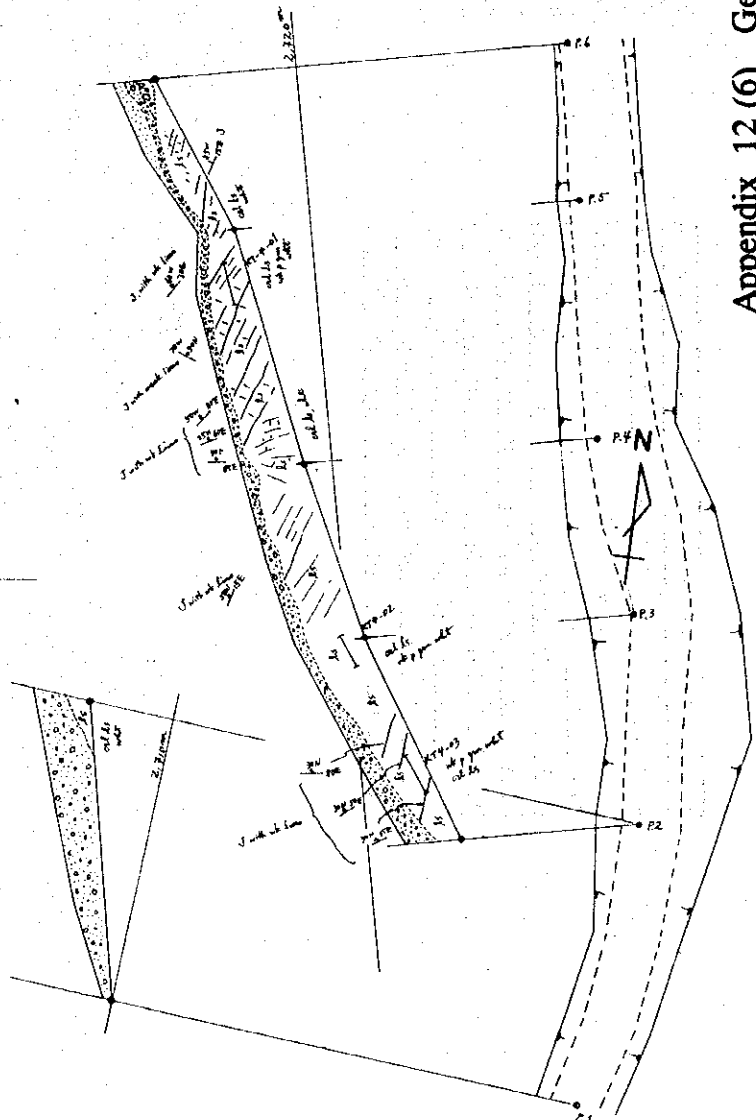
sample No.	Wid. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
KT 3	1.8	<0.03	<0.5	0.01	2	137	<0.3	2	<1.3
KT 3	1.9	0.10	1.1	0.09	5	182	<0.3	35	11.5
KT 3	1.5	0.12	0.6	0.04	4	131	<0.3	22	<1.3
KT 3	1.7	<0.03	<0.5	0.01	8	132	<0.3	12	<1.3
KT 3	2.5	<0.03	<0.5	0.01	7	152	<0.3	20	<1.3
KT 3	1.7	<0.03	<0.5	0.01	9	178	<0.3	10	<1.3
KT 3	2.1	0.03	<0.5	0.01	15	179	<0.3	20	<1.3
KT 3	1.8	<0.03	<0.5	0.02	10	168	<0.3	12	<1.3
KT 3	2.0	<0.03	<0.5	0.01	12	175	<0.3	13	<1.3



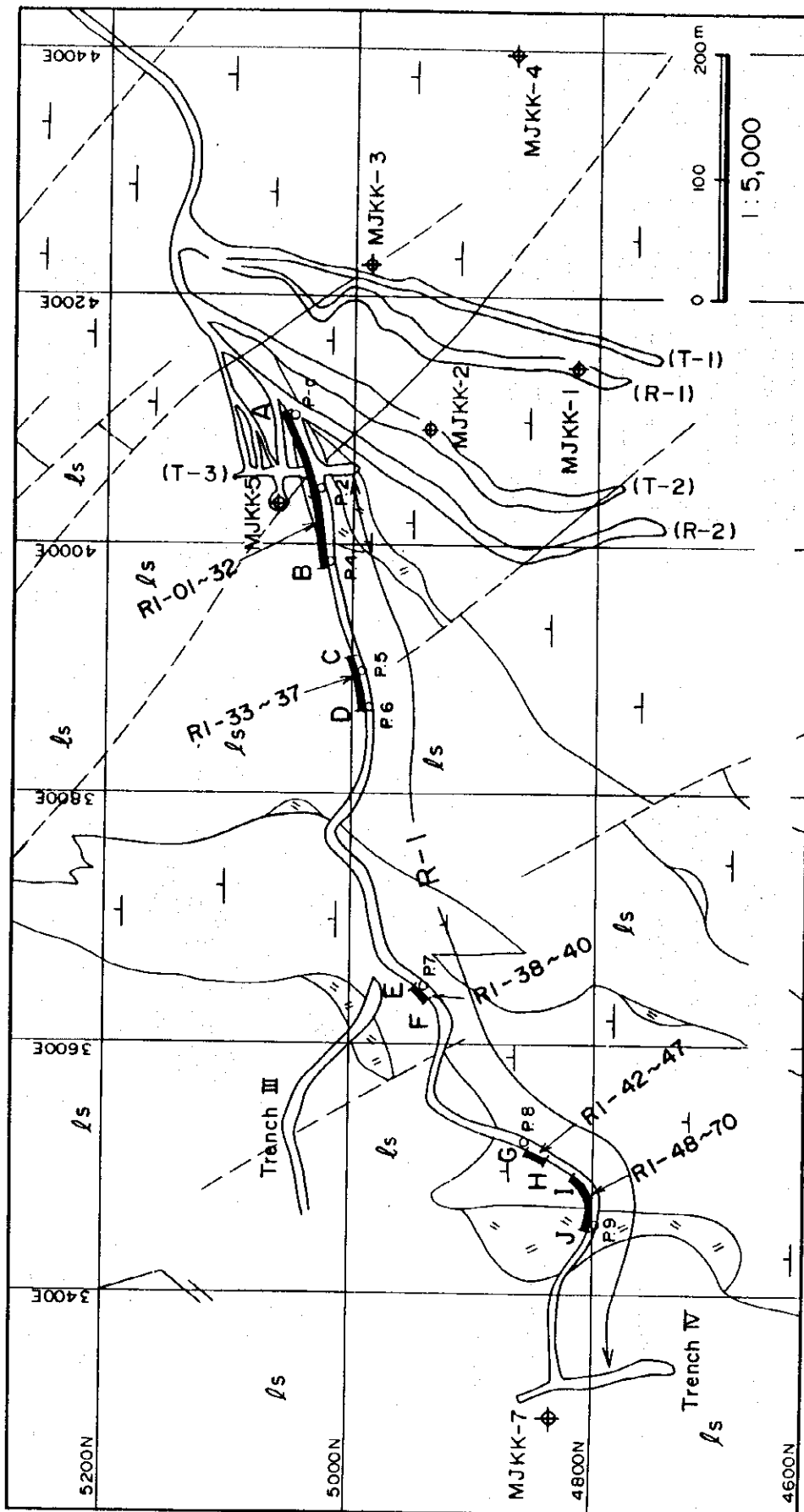
Appendix 12 (5) Geological Sketch of Trench III



Sample No.	Wd. in	Au. ppm	Ag. ppm	Cu. %	Pb. ppm	Zn. ppm	Mn. ppm	Ae. ppm	Stagn.
KT 4 1	2.3	<0.03	<0.5	0.01	3	582	<0.3	6	<1.3
KT 4 2	2.0	<0.03	<0.5	0.00	<1.75	16	<0.3	1	<1.3
KT 4 3	2.3	<0.03	<0.5	0.00	<1.75	37	<0.3	1	<1.3



Appendix 12 (6) Geological Sketch of Trench IV

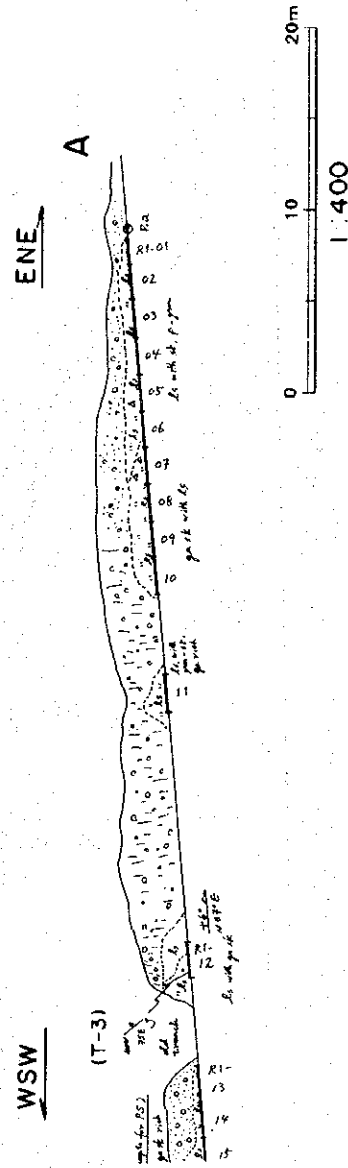


Appendix 13 (1) Index Map for Geological Sketch of Road Cuts (R-1)

LEGEND

- Detritus
- △ Ore impregnation
- fs Limestone
- X Granodiorite porphyry
- || Skarn
- ∕ Joint, fracture
- Sheared zone
- R T A — Locality and number of channel samples

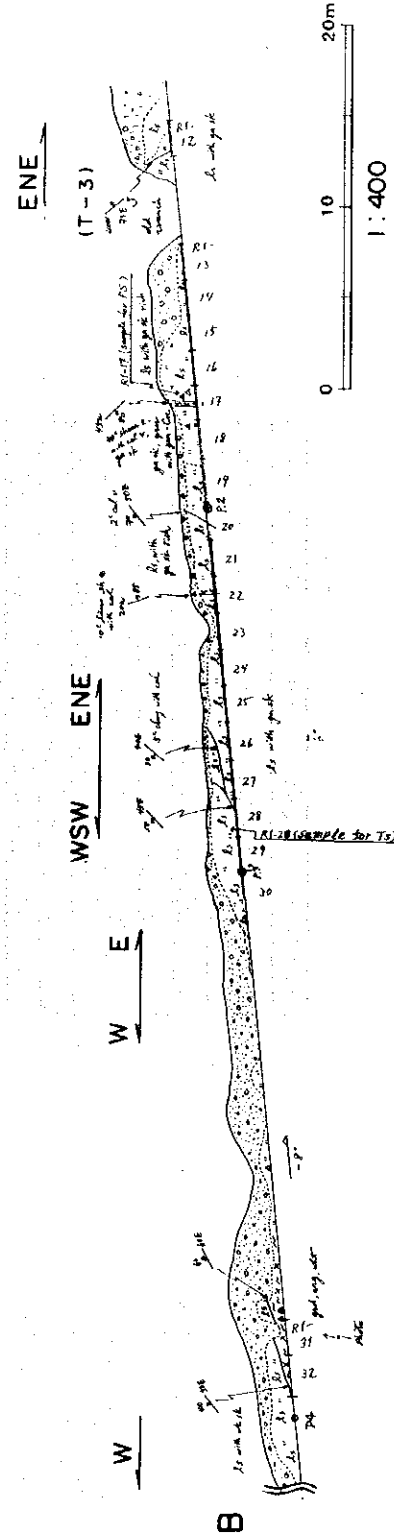
sample No.	Wd. (m)	Au, ppm	Ag, ppm	Cu, %	Pb, ppm	Zn, ppm	Mn, ppm	As, ppm	Sb, ppm
R 1 1	2.0	0.91	3.3	0.30	5	13,000	11.2	68	<1.3
R 1 2	2.0	1.06	5.2	0.34	5	7,838	2.7	62	<1.3
R 1 3	2.1	1.57	4.7	0.28	6	1,365	0.3	44	<1.3
R 1 4	2.0	0.29	1.6	0.11	3	772	0.3	19	<1.3
R 1 5	2.0	2.18	4.1	0.25	3	431	<0.3	28	<1.3
R 1 6	2.0	1.15	1.0	0.11	5	106	<0.3	26	<1.3
R 1 7	2.1	2.67	0.7	0.06	4	269	<0.3	39	<1.3
R 1 8	2.0	0.75	<0.5	0.04	4	405	<0.3	45	<1.3
R 1 9	2.1	0.44	<0.5	0.03	4	136	0.6	30	<1.3
R 1 10	2.0	0.40	<0.5	0.04	5	308	<0.3	30	<1.3
R 1 11	2.1	0.23	<0.5	0.06	5	410	<0.3	52	<1.3



Appendix 13 (2) Geological Sketch of Road Cuts (R-1)

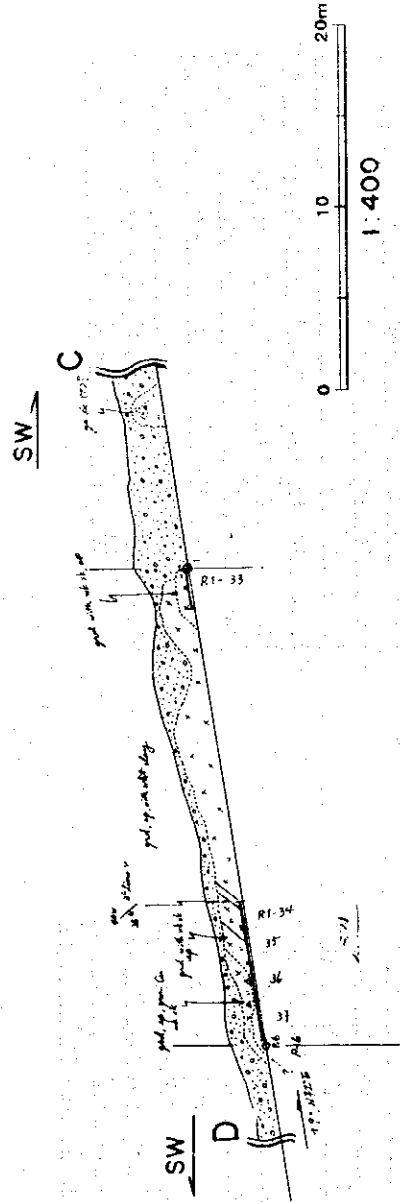
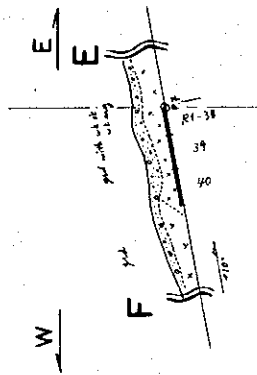
sample No.	Wt. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
R 1	12	2.0	0.40	0.8	0.06	15	726	<0.3	72
R 1	13	2.0	1.69	18.5	1.04	9	12,480	0.5	64
R 1	14	2.0	2.14	7.3	0.60	7	8,122	0.3	32
R 1	15	2.0	0.68	0.9	0.09	3	859	<0.3	18
R 1	16	1.9	0.21	1.7	0.15	4	1,699	<0.3	20
R 1	17	1.9	0.72	8.7	0.85	10	1,843	<0.3	22
R 1	18	2.2	0.17	0.9	0.06	4	526	1.0	28
R 1	19	2.3	0.27	1.5	0.13	5	2,974	<0.3	32
R 1	20	2.4	1.45	<0.5	0.06	5	986	<0.3	25
R 1	21	2.0	0.42	1.8	0.10	4	1,341	<0.3	38
R 1	22	2.0	0.13	5.8	0.19	19	3,639	0.3	47

sample No.	Wt. m	Au ppm	Ag ppm	Cu %	Pb ppm	Zn ppm	Mn ppm	As ppm	Sb ppm
R 1	23	2.0	0.06	2.1	0.08	3	789	<0.3	25
R 1	24	2.0	0.11	6.2	0.45	5	4,665	<0.3	38
R 1	25	2.0	0.08	3.2	0.19	5	4,978	<0.3	36
R 1	26	2.1	0.11	2.4	0.17	5	2,122	<0.3	32
R 1	27	2.1	0.44	1.8	0.12	6	1,394	0.3	31
R 1	28	2.1	0.27	0.5	0.04	8	845	<0.3	29
R 1	29	2.0	0.28	0.6	0.05	6	659	<0.3	36
R 1	30	2.0	0.41	<0.5	0.07	3	841	<0.3	41
R 1	31	2.0	0.99	2.7	0.61	13	1,884	0.6	12
R 1	32	2.3	<0.03	0.8	0.02	15	251	<0.3	4



Appendix 13 (3) Geological Sketch of Road Cuts (R-1)

sample No.	Wt. m	As, ppm	Ag, ppm	Cd, %	Pb, ppm	Zn, ppm	Mn, ppm	Al, ppm	Si, ppm
R 1 33	2.2	0.03	<0.5	0.02	16	69	1.1	11	<1.25
R 1 34	1.6	<0.03	<0.5	0.01	12	22	2.4	7	<1.25
R 1 35	2.0	0.11	<0.5	0.02	6	21	0.6	33	<1.25
R 1 36	2.0	0.10	<0.5	0.04	11	49	1.1	11	2.0
R 1 37	2.0	<0.03	<0.5	0.01	5	22	0.9	2	<1.25
R 1 38	1.7	<0.03	<0.5	0.01	13	36	1.0	4	<1.25
R 1 39	2.0	0.03	<0.5	0.01	11	27	0.6	33	<1.25
R 1 40	2.0	<0.03	<0.5	0.00	18	44	0.8	22	<1.25



Appendix 13 (4) Geological Sketch of Road Cuts (R-1)

Appendix 14

Item	Model	Quantity	Capacity, type and specification
Drilling machine	CKB-4D	1	capacity 93mm : 300m, 59mm : 500m inner diameter of spindle : ϕ 53mm
	CKB-5E	1	capacity 93mm : 300m, 59mm : 500m inner diameter of spindle : ϕ 76mm
	CKB-41E	1	capacity 93mm : 300m, 59mm : 500m inner diameter of spindle : ϕ 53mm
Engine for drill	DS-60	2	Electricity
	TY3-1015	1	Diesel engine
Pump	HB3-120/140	3	piston ϕ 60mm, capacity 110 liter/min pressure 60 kg/cm ²
Generator	SDG-25S	1	25 KVA, 200~220V
Mud mixer		3	3KW, 1,600 r.p.m.
Derrick		3	Maximum load : 20 ton, L=10m
Rod holder	NQ	3	capacity 5t
Drill rods	ϕ 50mm	15	5.5 m/pc
	NQ(ϕ 70.0mm)	6	1.5 m/pc
	NQ(ϕ 70.0mm)	200	3.0 m/pc
Casing pipes	ϕ 127mm	16	3.0 m/pc
	ϕ 127mm	16	1.0 m/pc
	ϕ 108mm	60	1.5 m/pc
	ϕ 108mm	20	1.0 m/pc
	ϕ 89mm	20	6.0 m/pc
	ϕ 89mm	20	3.0 m/pc
	ϕ 89mm	65	1.0 m/pc
Core tube assembly	NQ(ϕ 55.6mm)	10	

Appendix 14 List of Used Equipment for Drilling

(MJKK-1)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	19 Jul. '98	23 Jul. '98	5.0	5.0	0	140
Drilling	24 Jul. '98	25 Aug. '98	32.5	28.5	4.0	748
Dismount	25 Aug. '98	25 Aug. '98	0.5	0.5	0	14
Total	19 Jul. '98	25 Aug. '98	38.0	34.0	4.0	902
Drilling length						
Programmed length	120.0m		Overburden			1.4m
Prolongation	-12.2m		Core length			102.3m
Effective length	107.8m		Core recovery			94.9%
Working hours			Core recovery by each 50 meters			
Drilling	155h	20.8%	Length (m)	Each (%)	Cumula. (%)	
Non-drilling	441h	59.1%	0-50	96.1	96.1	
Regain of accident	62h	8.3%	50-107.8	93.8	94.9	
Preparation/setting up	30h	4.0%				
Dismount/mobilization	12h	1.6%				
Others	46h	6.2%				
			Efficiency			
			Effective length/Working drilling days			
			3.8 m/d			
			Effective length/Total drilling days			
Total	746h	100%	3.3 m/d			
Drilling length by diameter						
Bit diameter	φ112mm	φ93mm	NQ			Total
Drilling length	1.5m	0.8m	105.5m			107.8m
Core length	1.5m	0.8m	100.0m			102.3m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ108mm	1.5m	1.4%			100%	

Appendix 15 (1) Miscellaneous Result on MJKK-1

Appendix 15 (2)

(MJKK-2)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	18 Sep. '98	18 Sep. '98	0.5	0.5	0	14
Drilling	18 Sep. '98	1 Oct. '98	13.5	13.5	0	364
Dismount	2 Oct. '98	2 Oct. '98	0.5	0.5	0	14
Total	18 Sep. '98	2 Oct. '98	14.5	14.5	0	392
Drilling length						
Programmed length	120.0m	Overburden				3.3m
Prolongation	-19.8m	Core length				97.05m
Effective length	100.20m	Core recovery				96.9%
Working hours			Core recovery by each 50 meters			
Drilling	115h	33.0%	Length (m)	Each (%)	Cumula. (%)	
Non-drilling	113h	32.5%	0-50	97.2	97.2	
Regain of accident	96h	27.6%	50-100.20	96.5	96.9	
Preparation/setting up	8h	2.3%				
Dismount/mobilization	16h	4.6%				
Others	0h	0%				
			Efficiency			
			Effective length/Working drilling days			
			7.4 m/d			
			Effective length/Total drilling days			
			7.4 m/d			
Total	348h	100%				
Drilling length by diameter						
Bit diameter	φ 132mm	φ 112mm	φ 93mm	NQ		Total
Drilling length	2.0m	0.5m	0.8m	96.9m		100.2m
Core length	2.0m	0.5m	0.8m	93.75m		97.05m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ 108mm	17.0m	20.0%			100%	
φ 89mm	53.0m	52.9%			100%	

Appendix 15 (2) Miscellaneous Result on MJKK-2

(MJKK-3)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	19 Jul. '98	30 Jul. '98	11.5	6.5	5.0	182
Drilling	30 Jul. '98	30 Aug. '98	31.5	30.5	1.0	764
Dismount	31 Aug. '98	31 Aug. '98	0.5	0.5	0	14
Total	19 Jul. '98	31 Aug. '98	43.5	37.5	6.0	960
Drilling length						
Programmed length	200.0m		Overburden			3.0m
Prolongation	-75.4m		Core length			118.3m
Effective length	124.6m		Core recovery			94.9%
Working hours			Core recovery by each 50 meters			
Drilling	196h	23.2%	Length(m)	Each (%)	Cumula. (%)	
Non-drilling	361h	42.7%	0-50	93.9	93.9	
Regain of accident	181h	21.4%	50-100	93.7	94.8	
Preparation/setting up	39h	4.6%	100-124.60	95.4	94.9	
Dismount/mobilization	8h	1.0%				
Others	60h	7.1%				
			Efficiency			
			Effective length/Working drilling days			
			4.1 m/d			
			Effective length/Total drilling days			
Total	845h	100%	4.0 m/d			
Drilling length by diameter						
Bit diameter	φ112mm	φ93mm	NQ			Total
Drilling length	1.0m	1.2m	122.4m			124.6m
Core length	1.0m	1.2m	116.1m			118.3m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length		Casing recovery		
φ108mm	1.0m	0.8%		100%		
φ89mm	3.8m	3.0%		100%		

Appendix 15 (3) Miscellaneous Result on MJKK-3

(MJKK-4)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	17 Sep. '98	17 Sep. '98	0.5	0.5	0	13.5
Drilling	17 Sep. '98	1 Oct. '98	14.5	14.5	0	392
Dismount	2 Oct. '98	2 Oct. '98	0.5	0.5	0	13.5
Total	17 Sep. '98	2 Oct. '98	15.5	15.5	0	419
Drilling length						
Programmed length	140.0m		Overburden			29.8m
Prolongation	-55.5m		Core length			80.8m
Effective length	84.5m		Core recovery			95.6%
Working hours			Core recovery by each 50 meters			
Drilling	105h		28.2%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	172h		46.1%	0-50	96.1	96.1
Regain of accident	72h		19.3%	50-84.5	94.9	95.6
Preparation/setting up	5h		1.3%			
Dismount/mobilization	19h		5.1%			
Others	0h		0%			
				Efficiency		
				Effective length/Working drilling days		
				5.8 m/d		
				Effective length/Total drilling days		
Total	373h		100%	5.8 m/d		
Drilling length by diameter						
Bit diameter	φ 132mm	φ 93mm	NQ			Total
Drilling length	4.8m	12.4m	67.3m			84.5m
Core length	4.8m	12.4m	63.6m			80.8m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ 127mm	4.8m	5.7%			100%	
φ 89mm	32.0m	37.9%			100%	

Appendix 15 (4) Miscellaneous Result on MJKK-4

(MJKK-5)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	26 Aug. '98	26 Aug. '98	0.5	0.5	0	13.5
Drilling	26 Aug. '98	17 Sep. '98	22.0	22.0	0	599
Dismount	17 Sep. '98	17 Sep. '98	0.5	0.5	0	13.5
Total	26 Aug. '98	17 Sep. '98	23.0	23.0	0	626
Drilling length						
Programmed length	120.0m		Overburden			5.7m
Prolongation	-19.6m		Core length			94.75m
Effective length	100.40m		Core recovery			94.4%
Working hours			Core recovery by each 50 meters			
Drilling	169h	29.9%	Length (m)	Each (%)	Cumula. (%)	
Non-drilling	231h	40.8%	0-50	93.9	93.9	
Regain of accident	148h	26.1%	50-100.40	95.3	94.4	
Preparation/setting up	10h	1.8%				
Dismount/mobilization	8h	1.4%				
Others	0h	0%				
			Efficiency			
			Effective length/Working drilling days			
			4.6 m/d			
			Effective length/Total drilling days			
			4.6 m/d			
Total	566h	100%				
Drilling length by diameter						
Bit diameter	φ112mm	NQ				Total
Drilling length	2.4m	98.0m				100.4m
Core length	2.4m	92.35m				94.75m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ127mm	2.4m	2.4%			100%	
φ108mm	24.0m	23.9%			100%	
φ89mm	48.0m	47.8%			100%	

Appendix 15 (5) Miscellaneous Result on MJKK-5

(MJKK-6)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	26 Aug. '98	30 Aug. '98	5.0	5.0	0	140
Drilling	31 Aug. '98	29 Sep. '98	29.5	29.5	0	723
Dismount	29 Sep. '98	29 Sep. '98	0.5	0.5	0	14
Total	26 Aug. '98	29 Sep. '98	35.0	35.0	0	877
Drilling length						
Programmed length	150.0m		Overburden			16.3m
Prolongation	+60.0m		Core length			200.75m
Effective length	210.0m		Core recovery			95.6%
Working hours			Core recovery by each 50 meters			
Drilling	249h	29.8%	Length(m)	Each(%)	Cumula. (%)	
Non-drilling	423h	50.7%	0-50	98.5	98.5	
Regain of accident	43h	5.1%	50-100	99.4	96.4	
Preparation/setting up	64h	7.7%	100-150	93.0	95.1	
Dismount/mobilization	5h	0.6%	150-210	81.3	95.6	
Others	51h	6.1%				
			Efficiency			
			Effective length/Working drilling days			
			7.1 m/d			
			Effective length/Total drilling days			
Total	835h	100%	7.1 m/d			
Drilling length by diameter						
Bit diameter	φ112mm	φ93mm	NO			Total
Drilling length	1.0m	15.3m	193.7m			210.0m
Core length	1.0m	15.3m	184.45m			200.75m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ108mm	1.0m	0.5%			100%	
φ89mm	30.0m	14.3%			100%	

Appendix 15 (6) Miscellaneous Result on MJKK-6

Appendix 15 (7)

(MJKK-7)

	Survey period		Breakdown of period			Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	31 Aug. '98	31 Aug. '98	1.0	1.0	0	27
Drilling	1 Sep. '98	16 Sep. '98	16.0	16.0	0	432
Dismount	17 Sep. '98	17 Sep. '98	0.5	0.5	0	13.5
Total	31 Aug. '98	17 Sep. '98	17.5	17.5	0	472.5
Drilling length						
Programmed length	150.0m		Overburden			11.5m
Prolongation	-56.9m		Core length			90.9m
Effective length	93.10m		Core recovery			97.6%
Working hours			Core recovery by each 50 meters			
Drilling	107h	25.5%	Length(m)	Each(%)	Cumula. (%)	
Non-drilling	245h	58.3%	0-50	97.3	97.3	
Regain of accident	36h	8.6%	50-93.1	98.2	97.6	
Preparation/setting up	20h	4.8%				
Dismount/mobilization	12h	2.8%				
Others	0h	0%				
			Efficiency			
			Effective length/Working drilling days			
			5.8 m/d			
			Effective length/Total drilling days			
			5.8 m/d			
			Total			
			420h			
			100%			
Drilling length by diameter						
Bit diameter	φ 132mm	φ 112mm	NQ			Total
Drilling length	11.5m	4.6m	77.0m			93.1m
Core length	11.4m	4.6m	74.9m			90.9m
Inserted casing pipes						
Inserted length by diameter		Inserted length/Drilled length			Casing recovery	
φ 127mm	13.0m	14.0%			100%	
φ 89mm	56.0m	60.2%			100%	

Appendix 15 (7) Miscellaneous Result on MJKK-7

Appendix 16

Item	Specification	Unit	Quantity							Total
			MJJK-1	MJJK-2	MJJK-3	MJJK-4	MJJK-5	MJJK-6	MJJK-7	
Diesel oil		liter	2,950	1,220	2,555	1,250	2,360	3,660	2,064	16,059
Gasoline		liter	20	25	20	5	35	30	10	145
Hydraulic oil	}									
Engine oil		liter	229	139	322	110	168	240	103	1,311
Rod grease		kg	57	67	97	58	70	126	54	529
Screw grease		kg	4.8	3	4.5	2.5	2.7	5.3	1.2	24
Bentonite		bag	76	50	80	36	62	113	40	457
C. M. C		kg	129	43	62	32	55	94	32	447
Cement		bag	-	-	-	-	-	-	-	-
Lost-circulation material		kg	19	20.5	18	14.5	28	41	18	159
Clear mud		m ³	-	-	-	-	-	-	-	-
Soda calcium		kg	-	-	-	-	-	-	-	-
Diamond bit	φ 93mm	pc	1	-	1	-	-	-	-	2
Diamond bit	NQ	pc	14	6	13	2	8	13	5	61
Diamond reamer	NQ	pc	6	3	4	2	4	4	2	25
Metal crown	φ 132mm	pc	-	2	-	2	2	-	3	9
Metal crown	φ 112mm	pc	6	1	2	-	4	2	-	15
Metal crown	φ 93mm	pc	-	1	-	9	6	9	8	33
Metal crown	φ 74mm	pc	10	-	4	-	-	-	-	14
Core box		pc	37	34	43	35	33	75	40	297

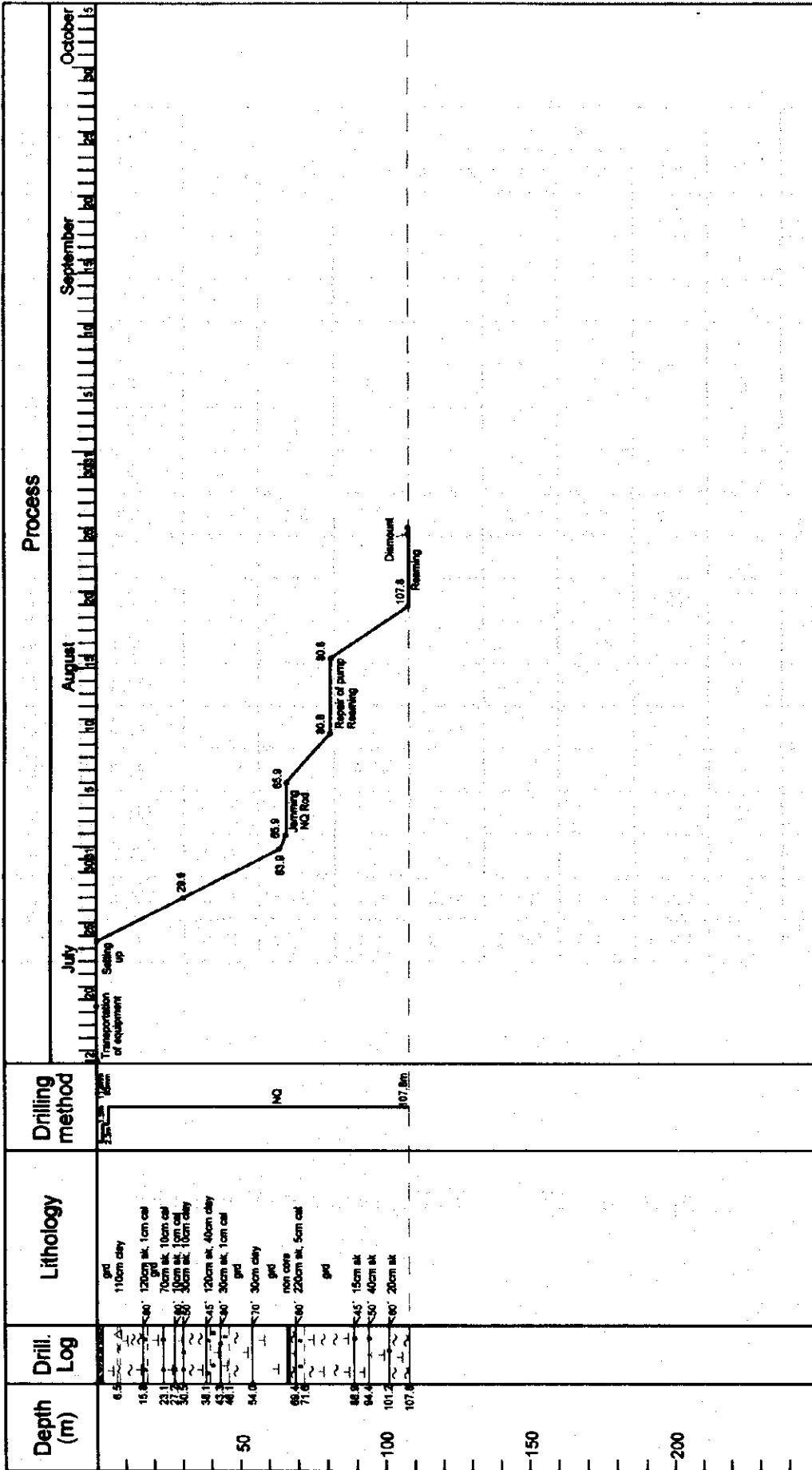
Appendix 16 Articles of Consumption and Drilling Parts

Appendix 17

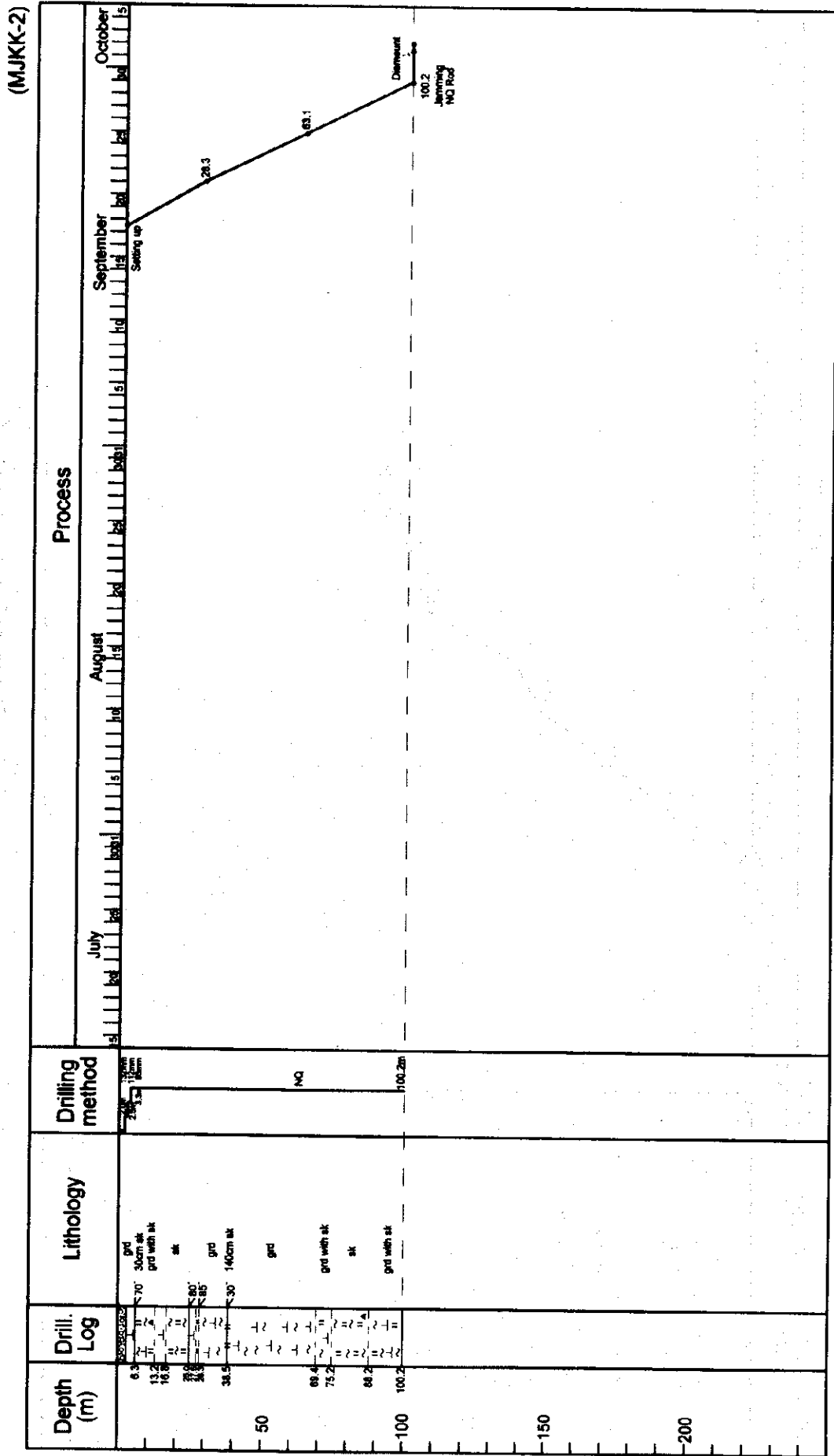
Size	Bits (pcs)	Drilling meter by drillhole(m)							Total (m)	Efficiency (m/bit)
		MJJK-1	MJJK-2	MJJK-3	MJJK-4	MJJK-5	MJJK-6	MJJK-7		
φ93mm	1	0.8							0.80	0.8
	0		0						0	
	1			1.20					1.20	1.2
	0				0				0	
	0					0			0	
	0						0		0	
	0							0	0	
Sub total	2	0.8	0.0	1.2	0.0	0.0	0.0	0.0	2.0	1.0
NQ	14	105.5							105.5	7.5
	6		96.9						96.9	16.1
	13			122.4					122.4	9.4
	2				67.3				67.3	33.6
	8					98.0			98.0	12.2
	13						193.7		193.7	14.9
	5							77.0	77.0	15.4
Sub total	61	105.5	96.9	122.4	67.3	98.0	193.7	77.0	760.8	12.4
Grand total	63	106.3	96.9	123.6	67.3	98.0	193.7	77.0	762.8	12.1

Appendix 17 Drilling Meter of Diamond Bits

(MJKK-1)

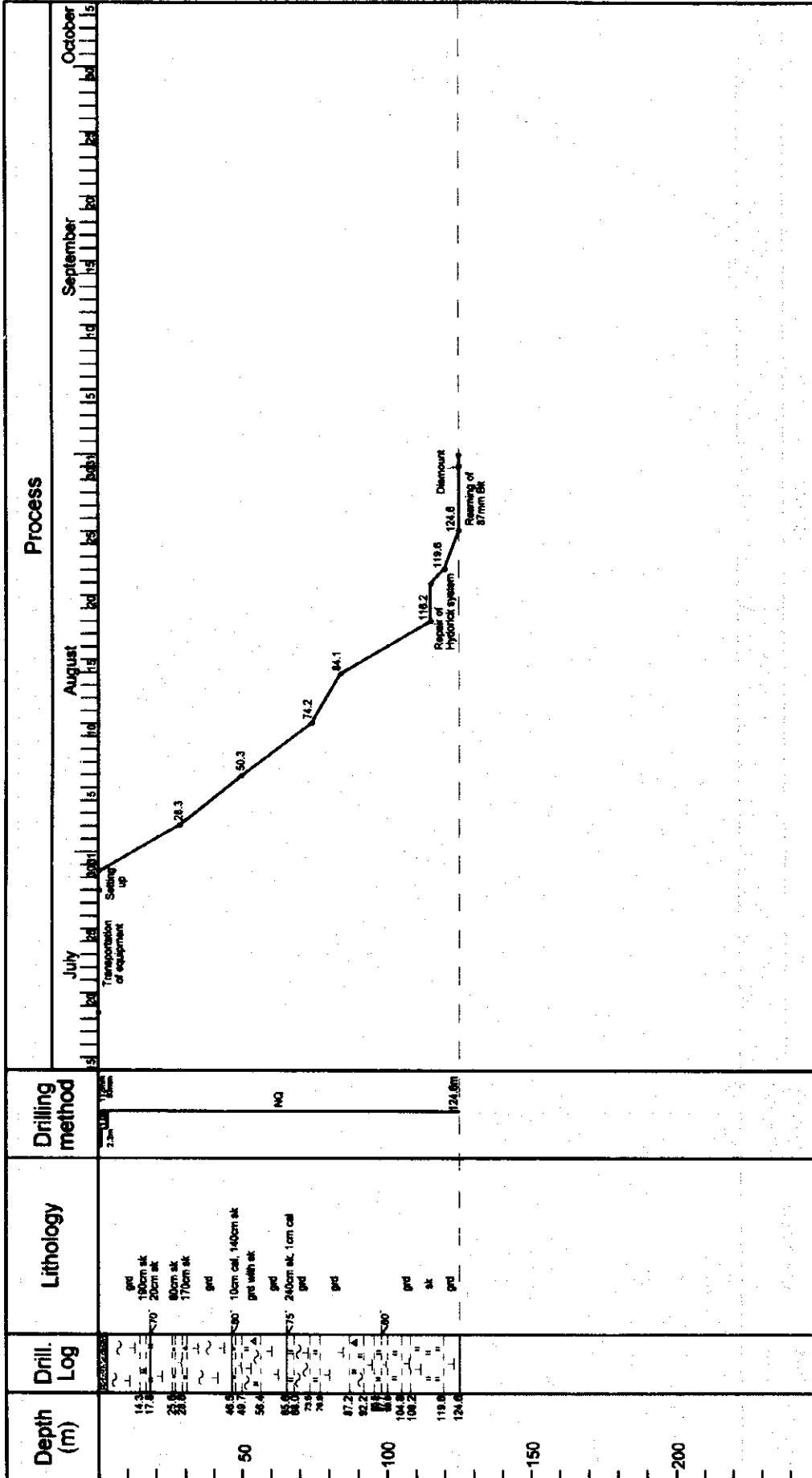


Appendix 18 (1) Progress Record of MJKK-1

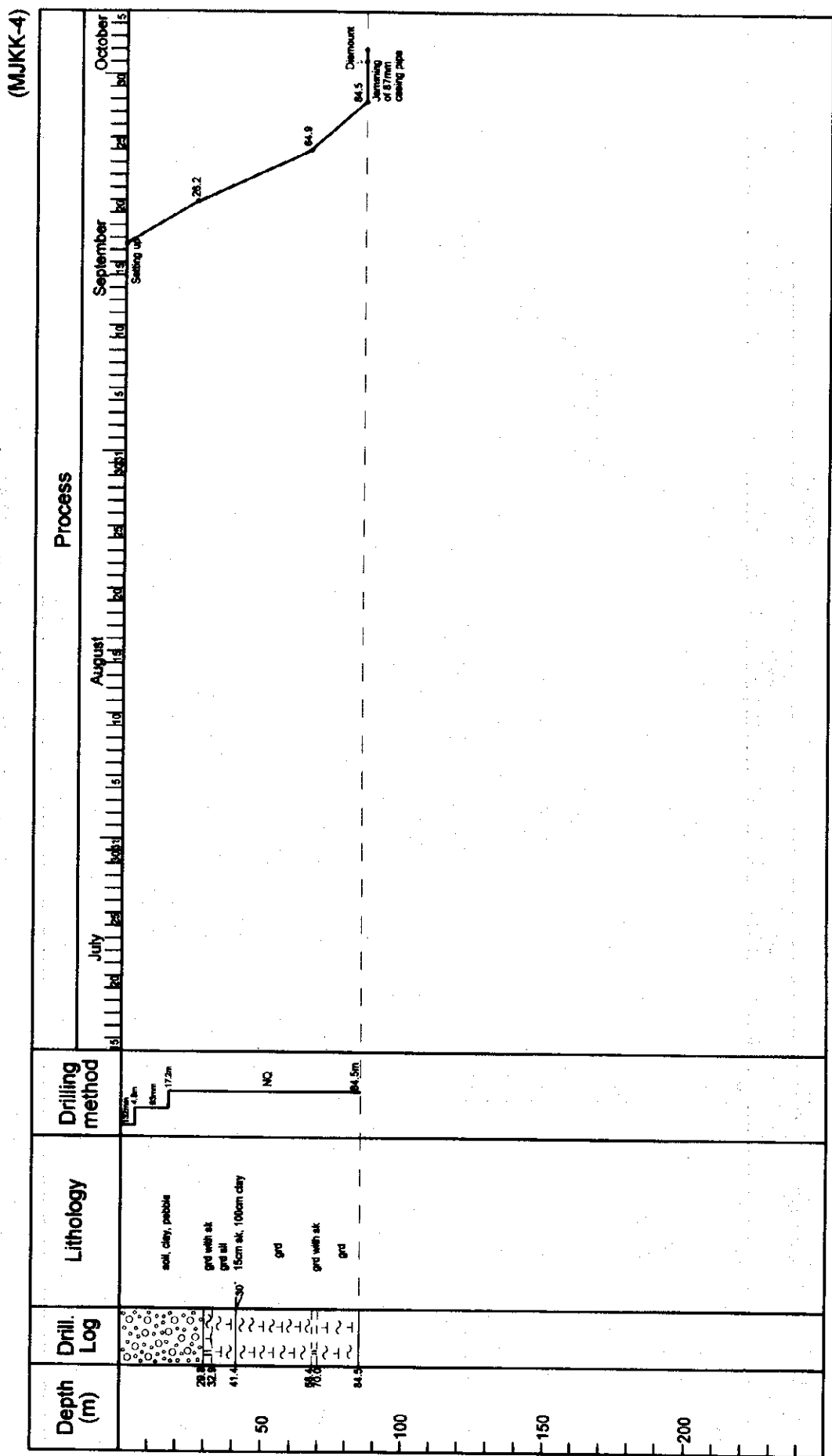


Appendix 18 (2) Progress Record of MJKK-2

(MJJK-3)

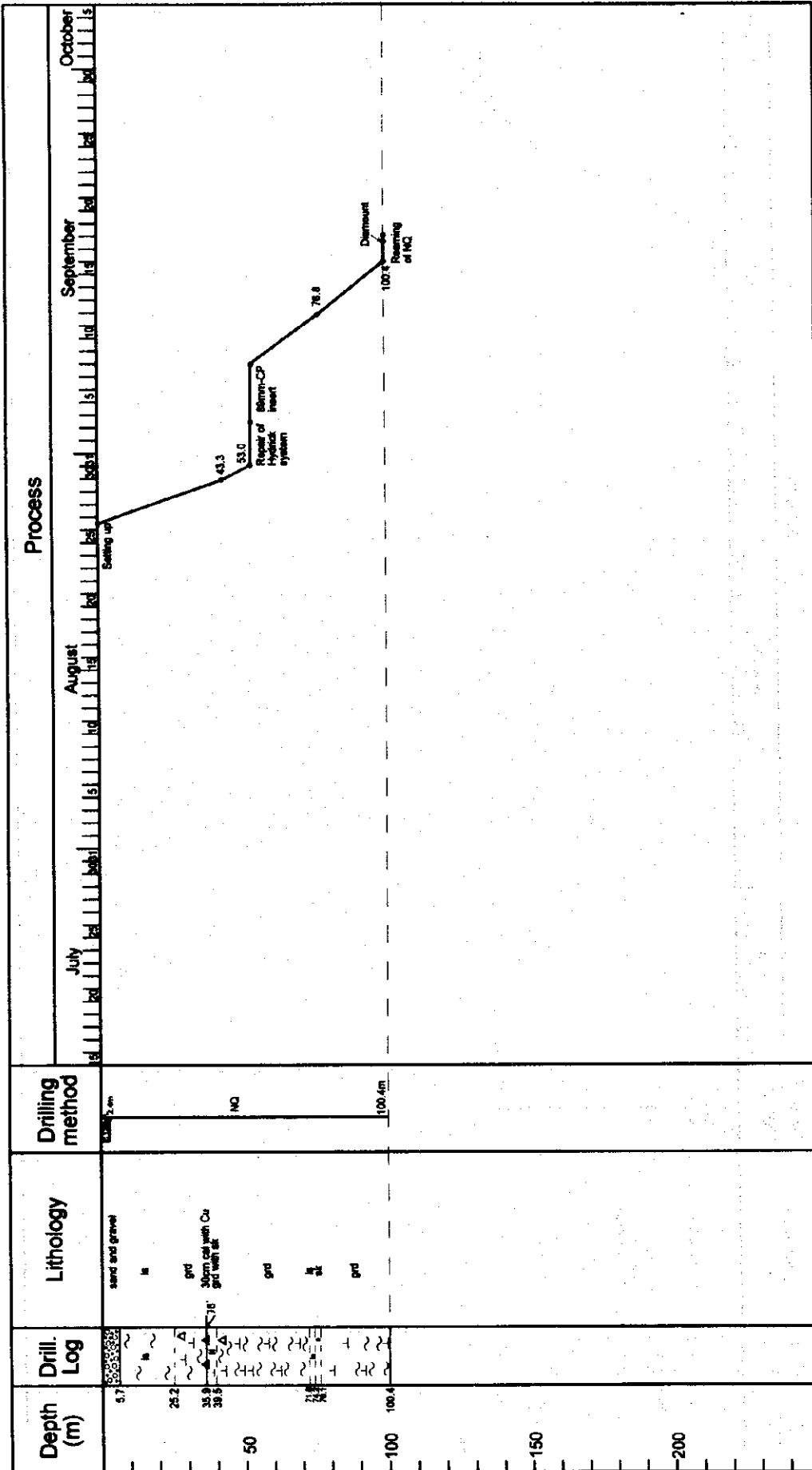


Appendix 18 (3) Progress Record of MJJK-3



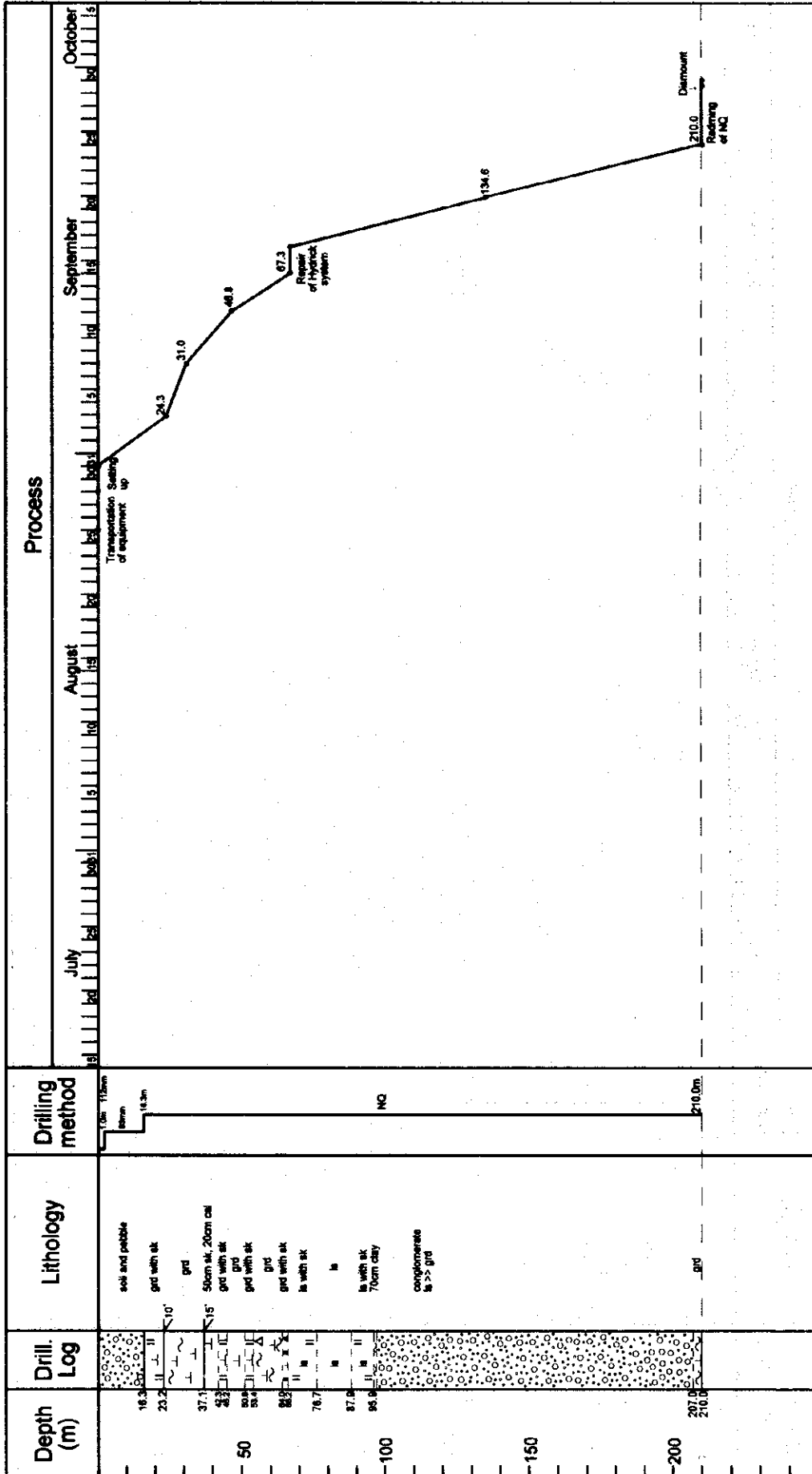
Appendix 18 (4) Progress Record of MJKK-4

(MJKK-5)



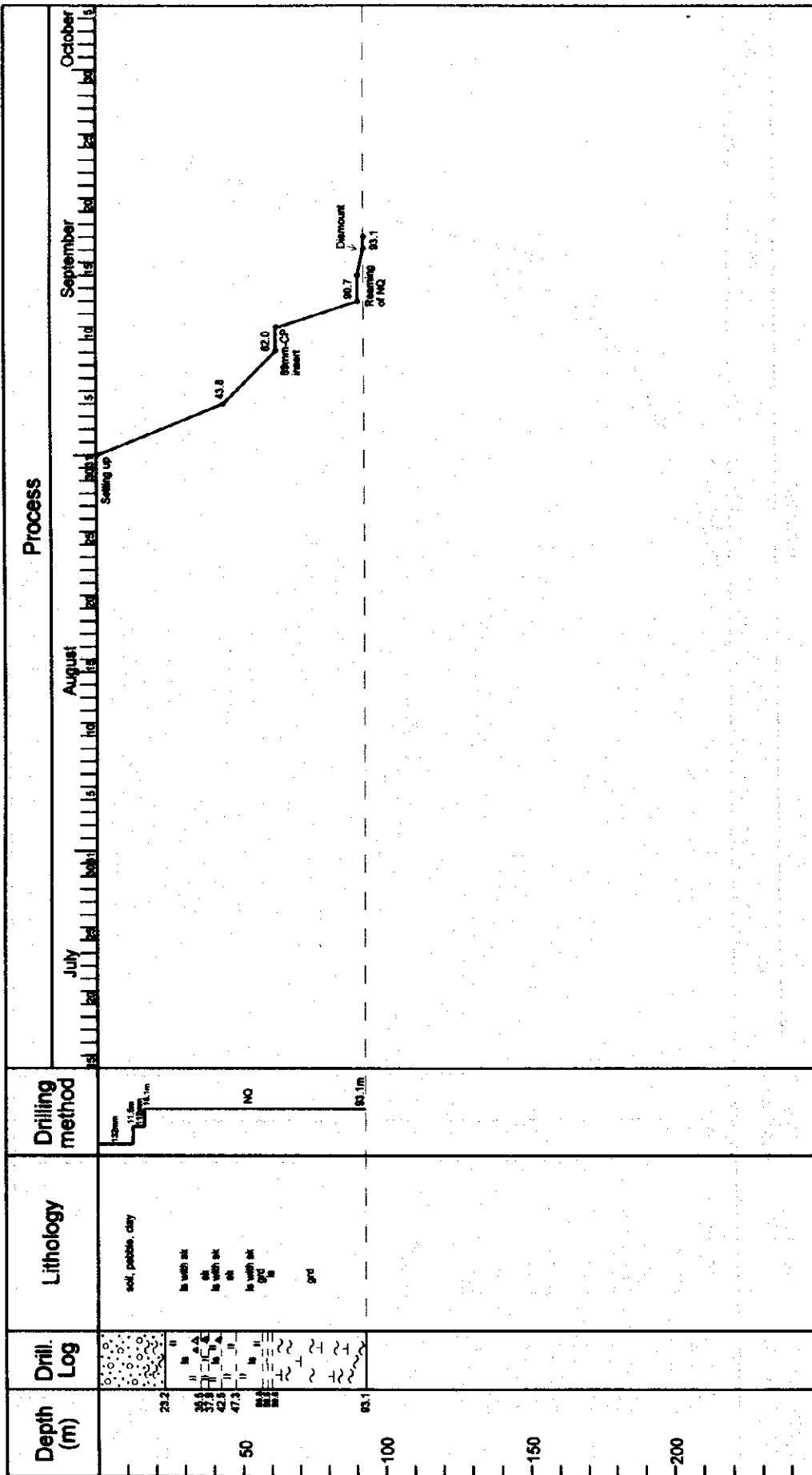
Appendix 18 (5) Progress Record of MJKK-5

(MJKK-6)



Appendix 18 (6) Progress Record of MJKK-6

(MJKK-7)



Appendix 18 (7) Progress Record of MJKK-7