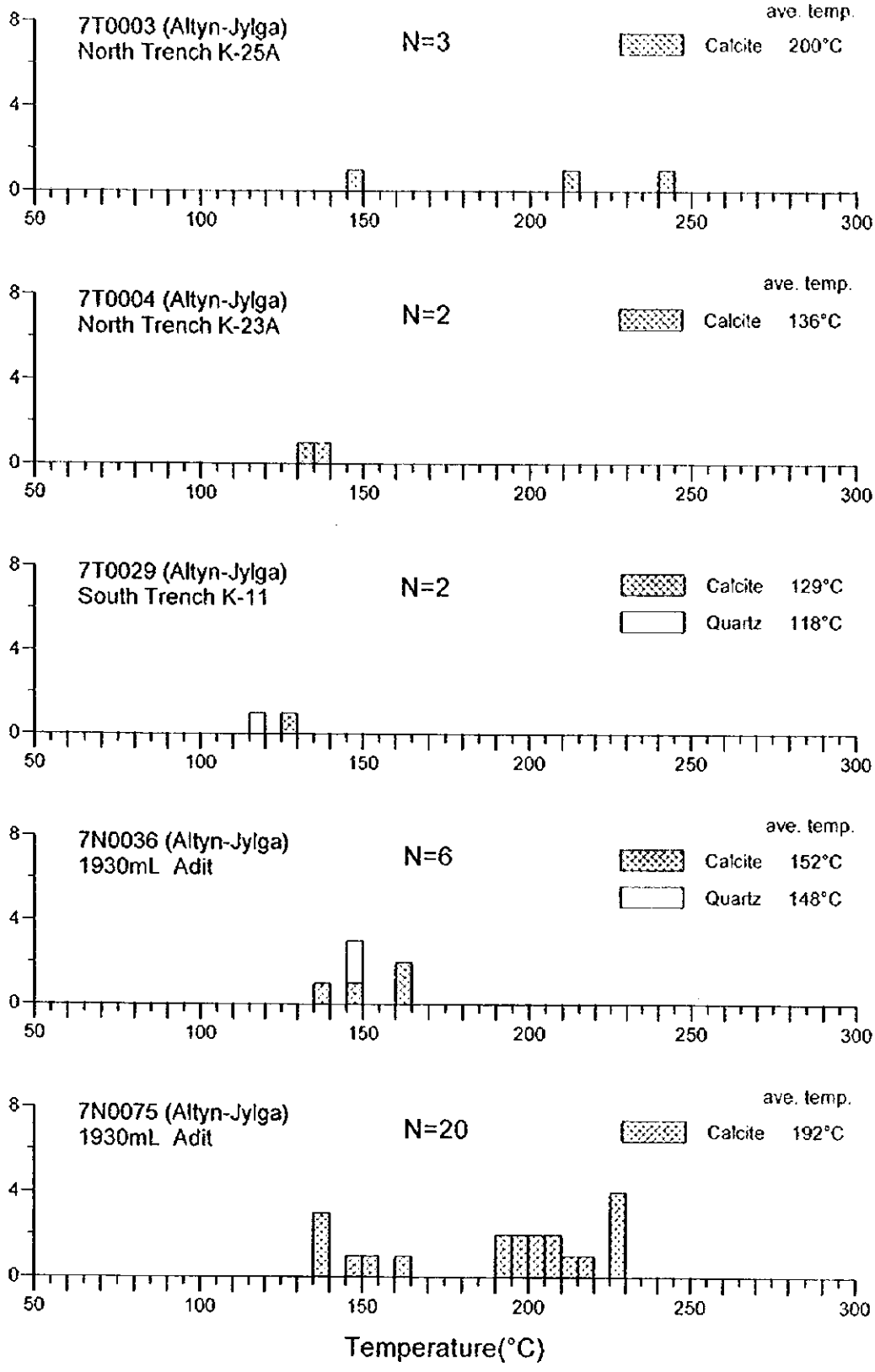
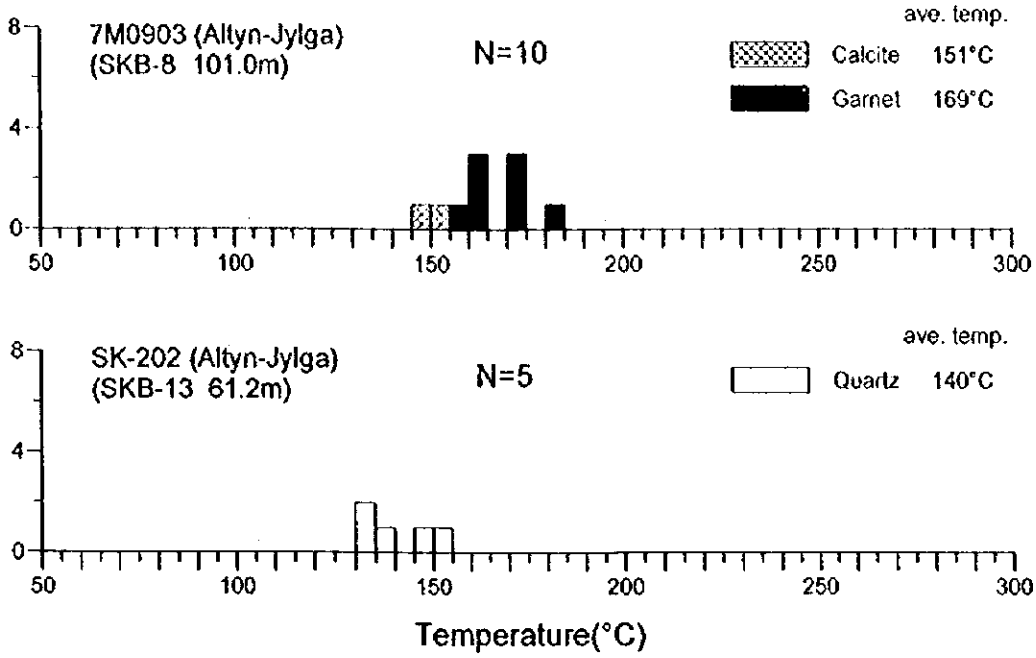
Appendix 1-10

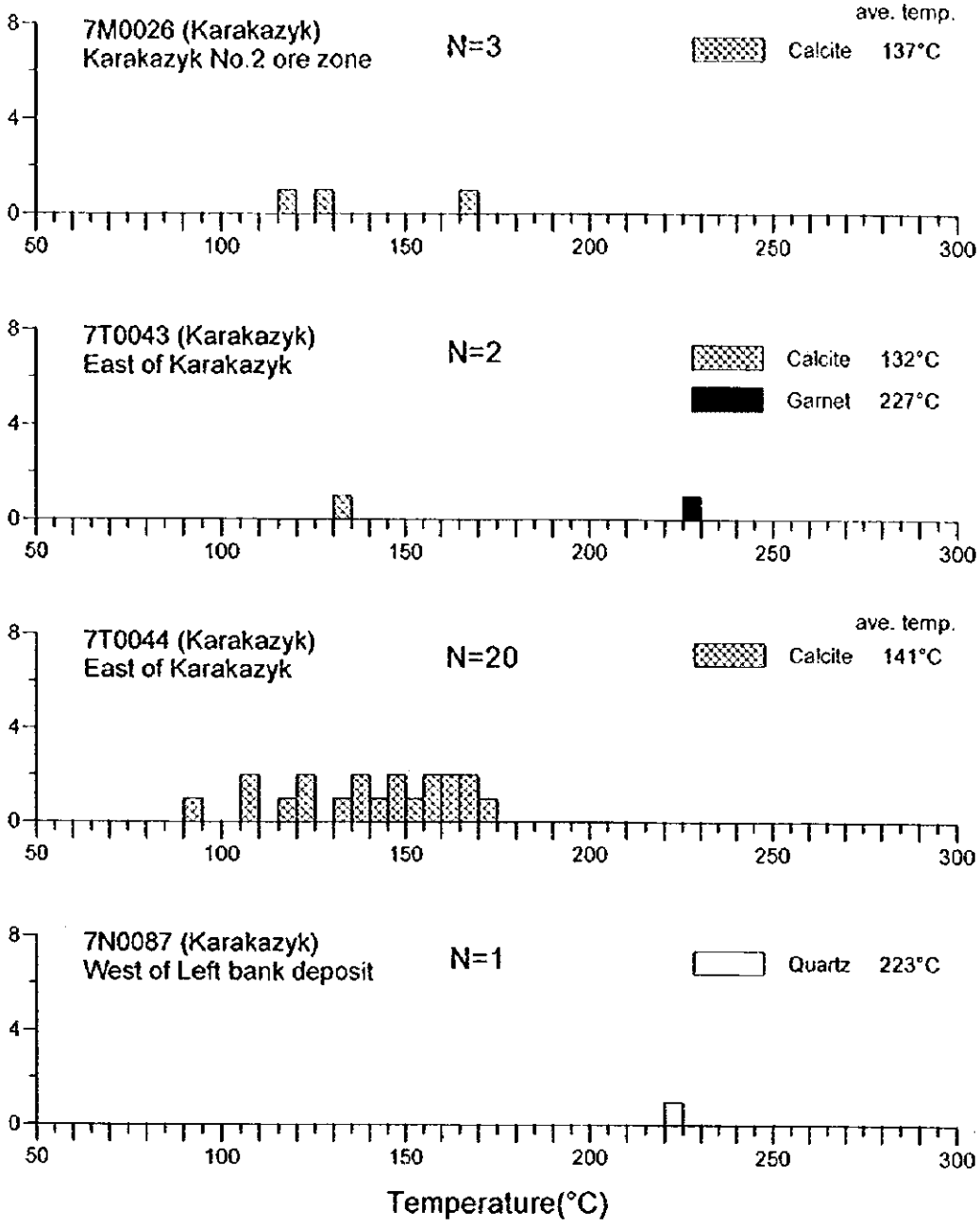
Homogenization Temperature of Fluid Inclusions



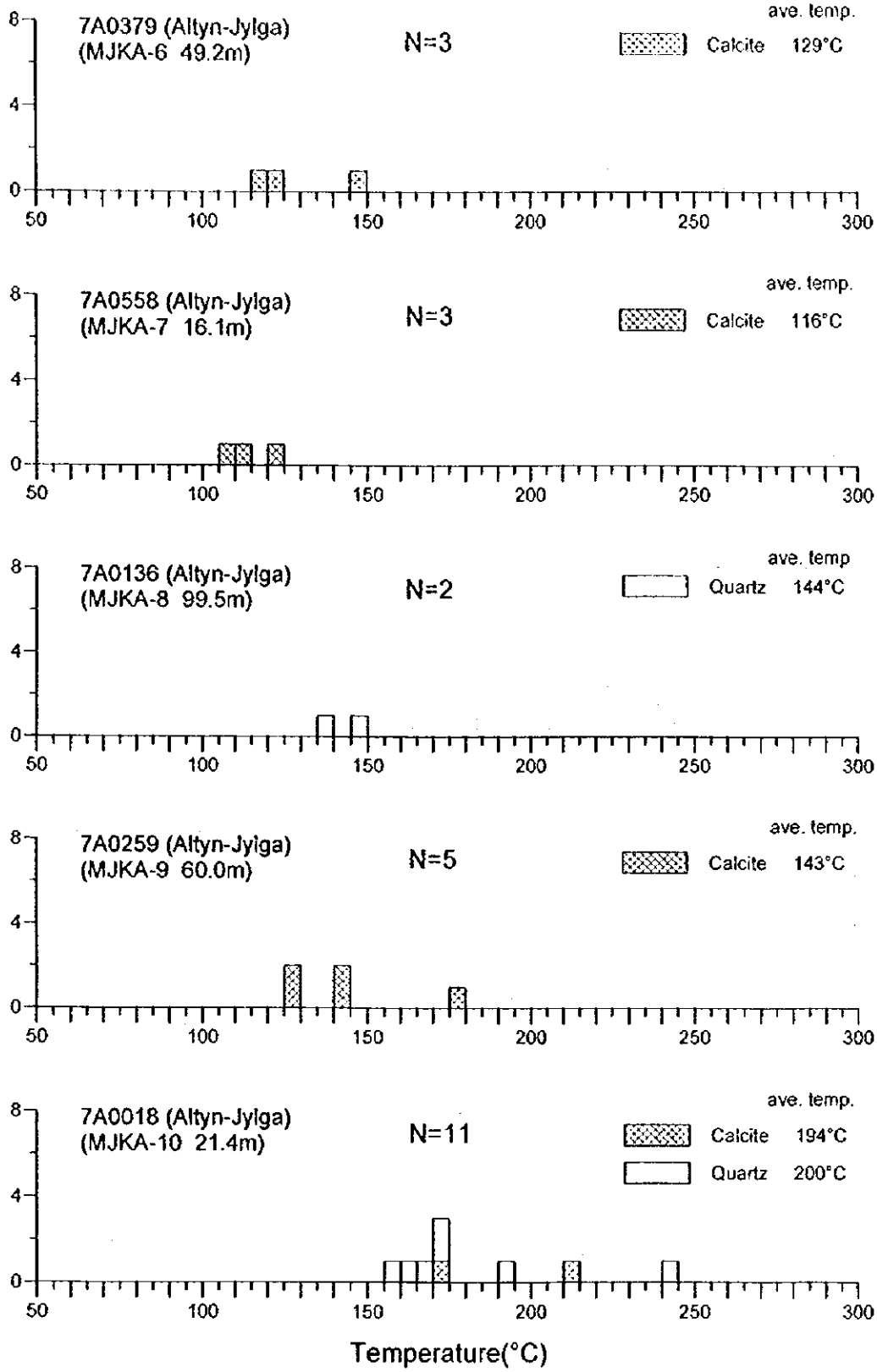
Apx. 1-10 Homogenization Temperatures of Fluid Inclusions (1)



Apx. 1-10 Homogenization Temperatures of Fluid Inclusions (2)



Apx. 1-10 Homogenization Temperatures of Fluid Inclusions (3)



Apx. 1-10 Homogenization Temperatures of Fluid Inclusions (4)

Appendix 1-11

Result of Isotopic Dating

Apx. 1-11 Result of Isotopic Dating

Sample No.	Locality	Rock name	Mineral analyzed	Isotopic Age (Ma)	Rad. ^{40}Ar (scc/gm $\times 10^{-5}$)	% Rad. ^{40}Ar	% K
7T0008	Altyn-Jylga	Granodiorite	Hornblende	282±14	0.815	90.3	0.69
	Entrance of 1930mL Adit				0.825	90.7	0.69
7N0040	Altyn-Jylga	Lamprophyre	Hornblende	299±14	1.26	96.1	1.00
	1930mL Adit				1.27	93.4	1.00
7T0036	Karakazyk	Granodiorite	Hornblende	290±14	0.513	89.2	0.42
	Left bank deposit				0.514	89.5	0.42
7M0030	Karakazyk	Granodiorite	Hornblende	283±14	0.379	84.5	0.32
	Karakazyk No.1 ore zone				0.383	79.9	0.32

Analyzed in TEDYNE ISOTPES Ltd.

CONSTANS

$\lambda_{\beta}=4.962\times10^{-10}yr^{-1}$

$\lambda_{\varepsilon}=0.581\times10^{-10}yr^{-1}$

$^{40}K/K=1.167\times10^{-4}atom$

$^{40}Ar/^{36}Ar$= atomosphere = 295.5 (Steiger and Jager, 1977)

Appendix 2

Geologic Core Log of the Drillings

Appendix 2 Geologic Core Logs of the Drillings

LEGEND


Quarternary Deposits


Aplite


Porphyry


Lamprophyre


Granodiorite


Diorite


Marble


Altered rock


Skarn


Silicified skarn


Brecciated rock


Silicified rock


Skarnized rock


Sheared zone


dip(bedding plane)


dip(intrusive rock)


dip(joint, fault plane, fracture, contact plane of rocks)

·Abbreviations

alt	: altered	lm	: limonite
asp	: arsenopyrite	lmp	: lamprophyre
bio	: biotite	mdg	: medium-grained
blk	: black	mo	: molybdenite
cal	: calcite	py	: pyrite
chl	: chlorite	px	: pyroxene
cp	: chalcopyrite	qtz	: quartz
csg	: coarse-grained	rdn	: rhodonite
di	: diopside	sd	: siderite
dt	: diorite	v	: vein
ep	: epidote	wo	: wollastonite
fng	: fine-grained	w	: width
grt	: garnet		
hb	: hornblende		
imp	: impregnated		

·Sample for Assay and Laboratory Test

Sample for laboratory test
- T···Thin section
- P···Polished section
- X···X-Ray diffraciotn alysis
- F···Fluid inclusion

Assay Results

SAMPLE No.	ASSSAY RESULT							
	Au	Ag	Cu	Pb	Zn	As	Sb	Mo
7A0123	6.0	0.9	0.4	0.12	12	3	0.4	7

Assay unit:
Au(g/t), Ag(g/t), Cu(%), Pb(10-3%), Zn(10-2%), As(10-2%), Sb(10-2%), Mo(10-4%)

GEOLOGIC CORE LOG OF MJKA-1 (1/4)

1/200

Level 1,905.4m Direction 105°
X 139.1m Inclination 0°
Y 564.3m Length 160.1m

MJKA-1 (1/4) 0m ~ 50m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		0-44.6m, weathered chloritizated granodiorite generally crushed											
	8.9	8.9m, calcite vein along joint 60											
		around 14m, pink K-feldpar included											
	15.0	15.0m, limonite film along joint 60											
		mdg chloritizated hb-bio granodiorite											
	17.9	17.9m, limonite film along joint											
	18.2	18.2m, clay film along joint 40											
	21.3	21.3m, clay film along joint 60											
		21.3m, clay film along joint											
		21.3m, clay film along joint											
		34-37m, low core recovery, because of crushed rocks											
		37-39.5m, porphyric part											
		38.2-38.6m, crushed											
		40-46m, blastic texture (plagioclase phenocryst)											
				7A0387									I 43.6
	44.6 44.8	44.6-44.8m, W=20cm, shear with cream clay		7A0388									X 44.7
		44.8-59.6m, creamy weathered chloritizated granodiorite, partly biotitization											
		46.4m, shear with clay											
		47.4m, shear with clay											
		49.5-50.3m, blastic texture (plagioclase phenocryst)											

GEOLOGIC CORE LOG OF MJKA-1 (2/4)

1/200

MJKA-1 (2/4) 50m ~ 100m

Level 1,905.4m Direction 105°
X 139.1m Inclination 0°
Y 564.3m Length 160.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	50.6	44.8-59.6m, pale green weathered blastic granodiorite 50.6m, shear with cream clay, limonite 52.5-53.3 crushed by sheared with clay
		4.4-16.4m, cog pink K-feldspar rich granite
	59.6	59.6m, shear with cream clay
		59.6-62.0m, chloritizated partly pyroxene skarnized rock, blastic granodiorite origin
	62.0	62.0-69.1m, pale green weathered blastic granodiorite
	69.1	69.1-92.0m, pale green brecciated silicified wollastonite pyroxene skarn 62.0-70.5m, probably chloritizated granodiorite origin
	73.4	73.4m, calcite vein, W=0.5cm
		73.4-73.5m, W=10cm pyrite and arsenopyrite concentrate part with pyroxene skarn 73.5-74.6m, reddish brown colored limonitization
	75.9	75.9m, limonite film along joint, W=3mm
		76-85m, biotitization and decoloered pyroxene skarn origin
		80-85m, limonite film along joints and cracks
	87.0	86.5-90m, pale olive felsitic 87.0m, quartz-calcite veinlets
	92.0	92.0-96.7m, brownish yellow limonitzated silicified skarn, dendritic Mn-oxide developed
	96.7	96.7-99.3m, pale green brecciated silicified skarn
	97.7	97.7m, calcite vein, W=1cm
	99.3	99.2m, calcite vein, W=0.5-1cm 99.3-100.9m, brownish yellow limonitizated silicified skarn

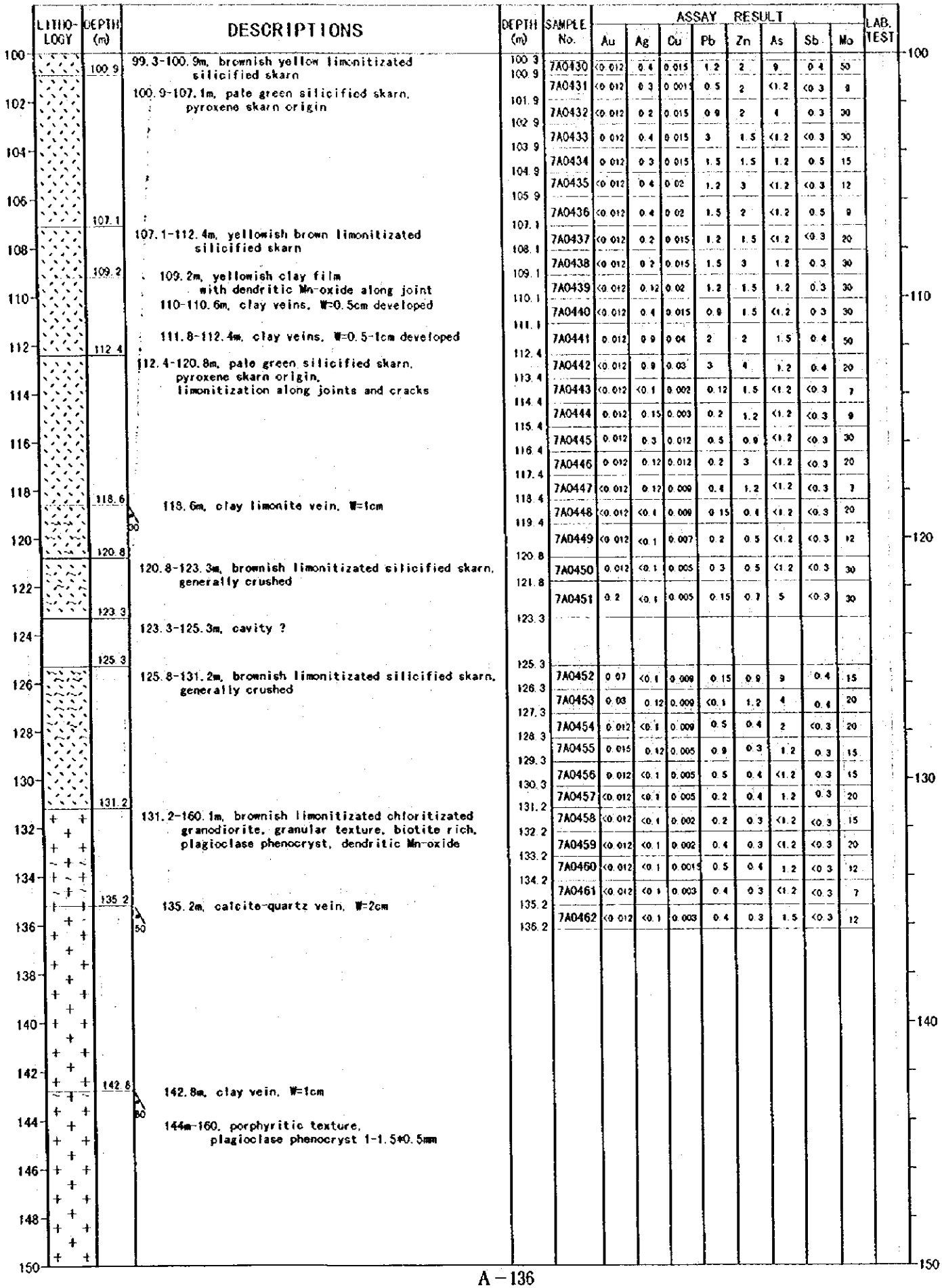
DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
58.6										
59.6	7A0389	0.06	0.4	0.003	3	0.4	3	<0.3	12	X
60.6	7A0390	<0.012	0.7	0.02	0.7	4	1.2	0.3	12	
62.0	7A0391	0.012	0.1	0.002	1.2	0.9	<1.2	<0.3	12	
63.0	7A0392	<0.012	<0.1	0.0012	2	0.3	<1.2	<0.3	9	
64.0	7A0393	<0.012	<0.1	0.0012	1.2	0.3	<1.2	<0.3	7	
65.0	7A0394	<0.012	<0.1	0.0012	2	0.3	<1.2	<0.3	12	
66.0	7A0395	0.03	0.2	0.003	3	0.3	4	<0.3	5	
67.0	7A0396	<0.012	<0.1	0.002	1.5	0.3	<1.2	<0.3	9	
68.0	7A0397	<0.012	<0.1	0.0012	1.2	0.3	<1.2	<0.3	12	
69.1	7A0398	<0.012	0.1	0.003	4	0.3	<1.2	<0.3	15	
70.1	7A0399	0.015	0.3	0.009	3	4	<1.2	0.4	12	
71.1	7A0400	0.7	0.4	0.012	1.2	2	<1.2	0.3	20	
72.1	7A0401	0.02	0.2	0.003	1.5	0.9	1.2	0.3	15	
73.4	7A0402	1.2	0.4	0.004	2	1.2	<1.2	0.3	15	P
74.1	7A0403	7.4	15	0.2	0.7	3	4	1.2	40	
75.1	7A0404	0.05	0.2	0.005	2	1.2	<1.2	<0.3	40	
76.1	7A0405	0.02	0.2	0.009	1.2	1.2	1.2	<0.3	30	
77.1	7A0406	0.012	0.2	0.009	1.2	0.9	<1.2	<0.3	12	
78.1	7A0407	0.012	0.4	0.03	2	0.7	<1.2	<0.3	40	
79.1	7A0408	0.015	0.4	0.015	2	1.5	<1.2	<0.3	20	
80.1	7A0409	<0.012	0.2	0.009	2	1.2	<1.2	<0.3	20	
81.1	7A0410	<0.012	0.4	0.012	2	2	<1.2	<0.3	15	
82.1	7A0411	<0.012	0.4	0.015	3	2	<1.2	<0.3	30	
83.1	7A0412	0.2	0.4	0.015	1.5	3	<1.2	<0.3	20	
84.1	7A0413	<0.012	0.4	0.012	3	3	<1.2	<0.3	40	
85.1	7A0414	0.012	0.4	0.015	0.4	2	<1.2	<0.3	20	
86.1	7A0415	0.012	0.3	0.012	1.2	3	<1.2	<0.3	12	
87.1	7A0416	0.012	0.4	0.015	3	1.5	1.2	0.5	20	
88.1	7A0417	<0.012	0.4	0.012	1.2	2	2	0.7	15	
89.1	7A0418	<0.012	0.2	0.007	1.2	1.2	12	0.5	15	
90.1	7A0419	<0.012	0.4	0.012	2	1.5	1.2	0.5	20	
91.1	7A0420	<0.012	0.4	0.015	1.2	1.5	<1.2	0.3	20	
92.0	7A0421	<0.012	0.3	0.012	1.5	1.5	<1.2	<0.3	12	
93.0	7A0422	<0.012	9	0.015	2	1.5	4	0.4	30	
94.0	7A0423	<0.012	0.2	0.012	1.5	2	1.2	<0.3	15	
95.0	7A0424	<0.012	0.3	0.015	2	3	1.2	0.3	50	
96.0	7A0425	<0.012	0.3	0.015	3	2	4	0.4	50	
96.7	7A0426	<0.012	<0.1	0.007	0.9	1.5	4	0.3	40	
97.7	7A0427	<0.012	0.9	0.015	1.5	1.2	<1.2	<0.3	15	
	7A0428	<0.012	0.4	0.009	1.5	1.2	1.2	<0.3	9	
99.3										
100.3	7A0429	0.012	0.5	0.04	1.2	1.2	<1.2	0.3	40	

GEOLOGIC CORE LOG OF MJKA-1 (3/4)

1/200

MJKA-1 (3/4) 100m ~ 150m

Level 1,905.4m Direction 105°
X 139.1m Inclination 0°
Y 564.3m Length 160.1m



DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		ASSAY RESULT								
100.3	7A0430	<0.012	0.4	0.015	1.2	2	9	0.4	50	
100.9	7A0431	<0.012	0.3	0.001	0.5	2	<1.2	<0.3	9	
101.9	7A0432	<0.012	0.2	0.015	0.9	2	4	0.3	30	
102.9	7A0433	0.012	0.4	0.015	3	1.5	<1.2	<0.3	30	
103.9	7A0434	0.012	0.3	0.015	1.5	1.5	1.2	0.5	15	
104.9	7A0435	<0.012	0.4	0.02	1.2	3	<1.2	<0.3	12	
105.9	7A0436	<0.012	0.4	0.02	1.5	2	<1.2	0.5	9	
107.1	7A0437	<0.012	0.2	0.015	1.2	1.5	<1.2	<0.3	20	
108.1	7A0438	<0.012	0.2	0.015	1.5	3	1.2	0.3	30	
109.1	7A0439	<0.012	0.12	0.02	1.2	1.5	1.2	0.3	30	
110.1	7A0440	<0.012	0.4	0.015	0.9	1.5	<1.2	0.3	30	
111.1	7A0441	0.012	0.9	0.04	2	2	1.5	0.4	50	
112.4	7A0442	<0.012	0.9	0.03	3	4	1.2	0.4	20	
113.4	7A0443	<0.012	<0.1	0.002	0.12	1.5	<1.2	<0.3	7	
114.4	7A0444	0.012	0.15	0.003	0.2	1.2	<1.2	<0.3	9	
115.4	7A0445	0.012	0.3	0.012	0.5	0.9	<1.2	<0.3	30	
116.4	7A0446	0.012	0.12	0.012	0.2	3	<1.2	<0.3	20	
117.4	7A0447	<0.012	0.12	0.009	0.4	1.2	<1.2	<0.3	7	
118.4	7A0448	<0.012	<0.1	0.009	0.15	0.4	<1.2	<0.3	20	
119.4	7A0449	<0.012	<0.1	0.007	0.2	0.5	<1.2	<0.3	12	
120.8	7A0450	0.012	<0.1	0.005	0.3	0.5	<1.2	<0.3	30	
121.8	7A0451	0.2	<0.1	0.005	0.15	0.7	5	<0.3	30	
123.3										
125.3	7A0452	0.07	<0.1	0.009	0.15	0.9	9	0.4	15	
126.3	7A0453	0.03	0.12	0.009	<0.1	1.2	4	0.4	20	
127.3	7A0454	0.012	<0.1	0.009	0.5	0.4	2	<0.3	20	
128.3	7A0455	0.015	0.12	0.005	0.9	0.3	1.2	0.3	15	
129.3	7A0456	0.012	<0.1	0.005	0.5	0.4	<1.2	0.3	15	
130.3	7A0457	<0.012	<0.1	0.005	0.2	0.4	1.2	0.3	20	
131.2	7A0458	<0.012	<0.1	0.002	0.2	0.3	<1.2	<0.3	15	
132.2	7A0459	<0.012	<0.1	0.002	0.4	0.3	<1.2	<0.3	20	
133.2	7A0460	<0.012	<0.1	0.001	0.5	0.4	1.2	<0.3	12	
134.2	7A0461	<0.012	<0.1	0.003	0.4	0.3	<1.2	<0.3	7	
135.2	7A0462	<0.012	<0.1	0.003	0.4	0.3	1.5	<0.3	12	
136.2										

GEOLOGIC CORE LOG OF MJKA-1 (4/4)

1/200

MJKA－1 (4／4) 150m～160m

Level 1,905.4m Direction 105°
X 139.1m Inclination 0°
Y 564.3m Length 160.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
	153.7	131.2-160.1m, brown limonitizated chloritizated granodiorite, plagioclase remained 151.2-154.5m, silicified alteration 153m, pyrite imp. 153.7m, calcite film along joint											
	157.0	157.0m, pyrite quartz vein, W=2cm											
	160.1	(160.1m, end of drilling)											

GEOLOGIC CORE LOG OF MJKA-2 (1/5)

1/200

MJKA-2 (1/5) 0 m ~ 50 m

Level 1,905.4m Direction 105°
X 139.1m Inclination -40°
Y 564.3m Length 244.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	2.0	0-2.0m, detritus with granodiorite pebbles
		2.0-39.5m, mdg weathered chloritizated granodiorite, biotite, hornblende contain
		till 5.0m limonitization
		joint developed of 50-70 degree
		limonitization along joints and cracks
		from 9.5m pink feldspar distinct
		12.8-13.0m, shear zone
	13.3	13.3m, joint with limonite film
	16.1	16.1m, joint with clay film
	16.8	16.8m, quartz-limonite vein, W=2cm
		around 20m, crushed with clay
	27.0	27.0m, olive gray sticky clay vein, W=3cm
	28.0	28.0m, clay vein, sticky, W=2cm
	28.2	28.2m, clay vein, W=1cm
		mdg chloritizated granodiorite
	31.0	31.0m, olive sticky clay vein, W=3cm
	33.1	33.1m, calcite vein, W=1cm
	35.1	35.1m, quartz vein, W=1cm
	36.1	36.1m, quartz vein, W=2cm
	38.0	38.0m, quartz vein, W=1cm
	39.5	
V V	40.1	39.5-40.1m, dark green lamprophyre
		40.1-43.1m, pale green granodiorite porphyry phenocryst: K-feldspar 1cm
	43.1	
V V	44.0	43.1-44.0m, dark green lamprophyre
		44.0-46.6m, pale green granodiorite porphyry
	46.6	
		46.6-48.5m, strong chloritizated granodiorite
	48.5	
		48.5-57.1m, strong chlorite altered rock, calcite network, biotite included

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
	7A0557									X
34.0	7A0615	0.012	<0.1	0.012	2	0.5	9	<0.3	15	
35.0	7A0616	0.02	0.3	0.015	2	0.4	15	<0.3	15	
36.0	7A0617	0.04	0.5	0.02	0.9	0.4	12	<0.3	12	
37.0	7A0618	0.15	0.4	0.012	1.2	0.3	2	<0.3	12	
38.0	7A0619	0.07	0.3	0.012	1.2	0.4	7	<0.3	12	
39.5	7A0620	0.012	<0.1	0.009	0.9	0.5	4	<0.3	12	
40.1	7A0621	0.012	0.2	0.015	1.5	0.4	3	<0.3	15	
41.1	7A0622	0.03	<0.1	0.009	0.9	0.3	1.2	<0.3	7	
42.1	7A0623	0.015	<0.1	0.005	0.5	0.4	1.2	<0.3	5	
43.1	7A0624	0.012	<0.1	0.002	0.9	0.5	1.2	<0.3	12	
44.0	7A0625	0.02	<0.1	0.003	0.2	1.2	<1.2	<0.3	9	
45.0	7A0626	<0.012	<0.1	0.007	1.2	0.3	<1.2	<0.3	9	
46.6	7A0627	0.012	<0.1	0.002	0.3	0.3	<1.2	<0.3	7	
47.6	7A0628	0.03	0.15	0.012	1.5	0.4	2	<0.3	9	
48.5	7A0629	0.3	0.5	0.02	0.9	4	1.2	<0.3	40	
49.5	7A0630	0.02	<0.1	0.003	0.9	0.7	1.2	<0.3	7	

GEOLOGIC CORE LOG OF MJKA-2 (2/5)

1/200

Level 1,905.4m Direction 105°
X 139.1m Inclination -40°
Y 564.3m Length 244.5m

MJKA-2 (2/5) 50m ~ 100m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	53.0	48.5-57.1m, strong chlorite altered rock, calcite network, biotite included
		50-52m, limonitization along cracks
		50-57m, strong crushed
		53m, quartz vein, W=1cm
	57.1	
		57.1-84.5m, strong chlorite granodiorite, hb bio included, granular texture, blastic pink K-feldspar
	60.0	60m, shear W=10cm, 45
		62m, epidote included
		65.5-67.5m, crushed
		80-81m, K-feldspar contained
		81.7-85.1m, calcite network
	84.5	84.5-84.7m, sandy shear
		84.7-85.1m, chloritizated fng bio- hb diorite
	85.1	45
		85.1-102.8m, strong chlorite granodiorite
		89.8-90.4m, porphyritic texture, K-feldespar phenocryst
		96.6-98.3m, porphyritic texture, K-feldespar phenocryst
		98.3-98.5m, chloritizated fng bio-hb diorite
		99.4-99.5m, chloritizated fng bio-hb diorite

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
50.5										
51.5	7A0631	0.02	0.7	0.015	0.9	0.7	4	<0.3	20	
52.5	7A0632	0.012	0.4	0.007	2	1.2	3	<0.3	20	
53.5	7A0633	<0.012	0.15	0.015	2	1.2	1.2	<0.3	20	
54.5	7A0634	0.012	0.3	0.003	1.5	0.7	<1.2	<0.3	15	
55.5	7A0635	<0.012	<0.1	0.002	1.2	0.9	<1.2	<0.3	15	
	7A0636	<0.012	0.2	0.003	1.5	0.7	1.2	<0.3	20	
57.1	7A0637	<0.012	0.12	0.002	1.2	0.5	<1.2	<0.3	12	
58.1	7A0638	0.02	0.12	0.009	1.2	0.7	2	0.3	20	
59.1	7A0639	<0.012	0.12	0.005	1.5	0.7	3	0.5	40	
60.1	7A0640	0.012	0.2	0.007	2	0.7	3	1.5	15	
61.1										

GEOLOGIC CORE LOG OF MJKA-2 (3/5)

1/200

MJKA-2 (3/5) 100m ~ 150m

Level 1,905.4m Direction 105°
X 139.1m Inclination -40°
Y 564.3m Length 244.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		85.1-102.8m, chloritizated granodiorite											
	102.8	102.8-103.0m, fng chloritizated bio-hb diorite											
	103.0	103.0- m, light green mdg granodiorite											
		104.5-105.8m, porphyritic texture											
		114-119m, porphyritic texture											
	116.4	116.4m, shear with cream colored sticky clay		7A0556									X
		121-122.2m, porphyritic texture, plagioclase phenocryst 1-1.5cm											
	122.5	122.5-123.1m, fng bio-hb diorite											
	123.1	123.1-139.3m, mdg unaltered porphyritic granodiorite											
		123.6m, quartz vein W=1cm py imp.											
		126-128m, crushed along cracks and joints, limonite film developed											
		127.5-128.4m, epidote alteration											
		128.3m, clay film along joint											
		130.9m, clay film along joint		7A0586									T
		around 134m, limonitizateion along joints of 40-50 degree											
	139.3	139.3-142.7m, fng hb bio diorite											
	142.7	142.7-144.4m, mdg granodiorite											
	144.4	144.4-148.3m, olive aplite, pale brown muscovite, generally crushed less than 5cm											
	148.3	148.3-161.0m, mdg granodiorite, generally crushed less than 3cm											

GEOLOGIC CORE LOG OF MJKA-2 (4/5)

1/200

MJKA-2 (4/5) 150m ~ 200m

Level 1,905.4m Direction 105°
X 139.1m Inclination -40°
Y 564.3m Length 244.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		148.3-161.0m, mdg hb-bio granodiorite, generally crushed into less than 3cm
	161.0	
		161.0-167.2m, brown limonitizated granodiorite
	164.8	164.8m, arsenopyrite pyrite quartz v. W=1-0.5cm
	167.2	167.2m, quartz v with py, W=1cm
		167.2-169.8m, white altered aplite, partly limonited
	169.8	169.8m, two quartz veins with asp. W=1cm
	170.5	169.8-179.5m, limonitizated hb-bio granodiorite
		170.5m, druse with gypsum crystals
	171.5	171.5m, clay vein with quartz aggregates, W=1cm
		171.5-173.0m, qtz network of 0.5cm veinlets
		173.5-176.0m, hematitization network
		176.7-178.2m, strong limonitization
	179.5	
		179.5-188.4m, unaltered hb-bio porphyritic granodiorite
	183.6	183.6m, quartz v with py imp. W=2cm
	186.5	186.5m, quartz v W=1cm
	187.0	187.0m, shear with limonitization of 4cm
	188.4	
	188.8	188.4-195.3m, limonitizated granodiorite
		188.8m, cal v, W=1cm
	190.5	190.5m, py-limonite v, W=0.5cm
	191.0	191.0m, parallel joints with limonite film
	191.7	191.7m, cal v W=2cm
	192.5	192.5m, pyrite quartz v W=1-0.5cm
	194.2	194.2m, pyrite quartz v W=0.5cm
	195.3	
		195.3-196.5m, no core because of being presumed no-set of core tube
	196.5	
		196.5-212.3m, mdg bio-hb porphyritic granodiorite

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
164.0										
165.0	7A0691	0.3	0.3	0.007	1.5	<0.3	20	<0.3	40	
	7A0692	0.3	0.9	0.009	1.5	0.4	30	0.3	12	
166.0	7A0693	0.3	<0.1	0.007	0.9	<0.3	20	<0.3	20	
167.2	7A0694	0.03	<0.1	0.005	0.7	0.7	3	<0.3	30	
168.2	7A0695	0.05	<0.1	0.002	1.2	0.7	20	<0.3	50	
169.2	7A0696	0.03	<0.1	0.004	0.7	<0.3	<1.2	<0.3	150	
169.8	7A0697	0.015	0.1	0.003	1.5	0.3	2	<0.3	70	
170.8	7A0698	0.02	<0.1	0.003	0.5	<0.3	2	<0.3	30	
171.8										
188.4										
	7A0699	0.5	<0.1	0.002	0.9	0.3	40	<0.3	40	
189.4	7A0700	0.15	<0.1	0.004	1.5	0.3	20	<0.3	70	
190.4	7A0701	0.15	0.12	0.003	1.5	0.4	40	<0.3	50	
191.4	7A0702	0.015	<0.1	0.003	1.2	0.3	<1.2	<0.3	50	
192.4	7A0703	<0.012	<0.1	0.002	1.5	0.3	<1.2	<0.3	50	
193.4	7A0704	0.09	<0.1	0.0015	1.2	0.7	40	0.3	30	
194.4	7A0705	0.04	<0.1	0.0015	1.5	0.7	20	<0.3	30	
195.3										

GEOLOGIC CORE LOG OF MJKA-2 (5/5)

1/200

MJKA－2 (5／5) 200m ～ 250m

Level 1,905.4m Direction 105°
X 139.1m Inclination -40°
Y 564.3m Length 244.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		196.5-212.7m, mdg bio-hb porphyritic granodiorite											
		201.5-207.2m, limonitization											
	212.7	212.7-241.0m, pale green mdg chlorite altered bio-hb granodiorite											
		215-217m, strong chloritization											
	227.0	227.0m, quartz v, molybdenite imp. W=0.5cm											
	241.0	241.0-244.5m, pale green altered aplite	241.0	7A0706	0.02	<0.1	0.0015	1.5	0.3	1.5	<0.3	12	
			242.0	7A0707	0.02	<0.1	0.0015	0.9	0.3	15	<0.3	9	
	243.0		243.0	7A0708	1.6	1.2	0.007	12	0.7	428	4	12	P
	243.3	243.0-243.3m, W=30cm, brecciated cal py-asp vein	243.3										
	243.6	243.6m, asp-py veinlet with white clay, W=0.5cm		7A0709	1.2	0.4	0.007	1.5	0.5	90	0.7	20	X
		244.0-244.5m, asp-py veinlet, W=0.5cm	244.5										
		(244.5m, end of drilling)											

GEOLOGIC CORE LOG OF MJKA-4 (1/4)

1/200

Level 1,911.3m Direction 105°
X 117.7m Inclination 0°
Y 502.1m Length 162.3m

MJKA-4 (1/3) 0m ~ 50m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		0-4.0m, limonitizatied aplitic granodiorite
	4.0	
		4.0-6.1m, pale green bio-granodiorite
	6.1	
		6.1m, sticky clay vein, W=3cm
		6.1-12.6m, brown to pale green clayey granodiorite, suggesting tectonic shear zone
	12.6	
	13.5	12.6-15.0m, strong limonitizatied altered rock, granodiorite origin
		13.5m, olive sticky clay
	15.0	
	15.9	15.0-15.9m, green quartz pyroxene skarn
	16.3	15.9-16.3m, brown limonitizated brecciated zone
		16.3-17.5m, green quartz pyroxene skarn
	17.5	
	17.8	17.5-17.8m, limonitizated altered rock
	18.2	17.8-18.2m, px wollastonite skarn
		18.2-20.0m, quartz px skarn
		18.3m, W=5cm, px brecciated vein in px skarn
	20.0	
	20.6	20.0-20.6m, limonitizated aplite
		20.6-23.3m, fng quartz garnet px skarn
	23.3	
		23.3-24.8m, limonitizated aplite
	24.8	
		24.8-38.2m, fng pale green quartz px skarn, cal network
		26.6-26.8m, strong limonitizated brecciated part
		36.0-38.2m, limonitization along crack
	38.2	
	38.6	38.2-38.6m, grayish brown limonitizatied chlorite carbonate altered rock
	38.7	38.6-38.7m, quartz pyroxene skarn
		38.7-42.6m, fng green pyroxene skarn
	42.6	
	43.8	42.6-47.75m, fng green quartz pyroxene skarn
		43.8m, pyrite veinlet, W=0.5cm
		47.0m, subrounded granodiorite xenolith of 4×6cm
	47.75	
	48.0	47.75-48.0m granodiorite porphyry
	48.6	48.0-48.6m, green quartz pyroxene skarn
	49.4	48.6-49.4m, brecciated pyrite quartz zone
		49.4-51.8m, fng green quartz pyroxene skarn

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	AB. TEST
12.6										
	7A0794	0.05	0.15	0.007	0.9	0.4	7	<0.3	12	X
13.6										
	7A0795	0.3	<0.1	0.007	<0.1	4	7	0.3	9	
15.0										
	7A0796	0.4	<0.1	0.02	<0.1	5	4	0.3	12	
15.9	7A0797	0.02	<0.1	0.012	0.12	4	3	0.3	1.2	
16.3	7A0798	0.012	<0.1	0.02	0.12	7	7	0.3	15	
17.5	7A0799	0.012	<0.1	0.009	0.2	3	5	<0.3	5	
17.8	7A0800	0.012	<0.1	0.015	0.3	9	<1.2	<0.3	<1.2	
18.2	7A0801	0.015	<0.1	0.004	0.9	2	<1.2	<0.3	5	
19.2	7A0802	<0.012	0.2	0.002	1.5	1.5	<1.2	<0.3	9	
20.0	7A0803	0.015	<0.1	0.002	0.9	0.3	1.2	<0.3	4	
20.6	7A0804	0.015	0.5	0.015	0.5	12	1.2	<0.3	30	
21.6	7A0805	0.06	0.4	0.015	0.5	1.2	<1.2	<0.3	20	
22.6	7A0806	0.012	0.12	0.004	0.9	0.5	<1.2	<0.3	9	
23.3	7A0807	<0.012	<0.1	0.0012	0.9	0.5	<1.2	<0.3	4	
24.3	7A0808	0.03	<0.1	0.0012	1.5	0.3	<1.2	<0.3	12	
24.8	7A0809	0.012	0.15	0.0015	1.2	0.9	1.2	<0.3	7	
25.8	7A0810	<0.012	0.12	0.004	0.9	4	4	<0.3	12	
26.8	7A0811	<0.012	<0.1	<0.001	0.7	5	3	<0.3	7	
27.8	7A0812	<0.012	0.15	0.0012	3	4	1.5	<0.3	4	
28.8	7A0813	<0.012	0.12	0.003	1.2	1.2	1.2	<0.3	5	
29.8	7A0814	<0.012	0.2	0.003	1.2	1.2	<1.2	<0.3	5	
30.8	7A0815	<0.012	<0.1	0.012	0.7	0.9	<1.2	<0.3	5	
31.8	7A0816	<0.012	0.12	0.009	2	2	1.2	<0.3	7	
32.8	7A0817	<0.012	<0.1	0.0015	0.9	0.9	<1.2	<0.3	5	
33.8	7A0818	<0.012	<0.1	0.002	1.2	0.9	<1.2	<0.3	7	
34.8	7A0819	<0.012	0.15	0.003	1.2	1.5	<1.2	<0.3	7	
35.8	7A0820	<0.012	<0.1	0.004	1.2	1.5	<1.2	<0.3	7	
36.8	7A0821	0.012	<0.1	0.007	1.5	3	1.2	<0.3	9	
38.2	7A0822	<0.012	<0.1	0.003	1.5	2	<1.2	<0.3	12	
38.6	7A0823	<0.012	<0.1	0.002	1.5	2	<1.2	<0.3	5	
39.6	7A0824	0.012	2	<0.001	0.2	1	3	<0.3	3	
40.6	7A0825	<0.012	<0.1	0.0012	1.5	3	<1.2	<0.3	7	
41.6	7A0826	0.03	<0.1	0.003	0.4	7	1.2	<0.3	3	
42.6	7A0827	0.02	<0.1	0.003	0.9	2	<1.2	<0.3	7	
43.6	7A0828	0.03	<0.1	0.003	0.9	1.5	1.2	<0.3	7	
44.6	7A0829	0.015	<0.1	0.0015	1.2	2	<1.2	<0.3	7	
45.6	7A0830	0.05	<0.1	0.002	0.5	-	>5	<0.3	3	
46.6	7A0831	0.012	<0.1	0.005	0.9	9	3	<0.3	9	
47.75	7A0832	<0.012	<0.1	0.0015	1.5	0.7	<1.2	<0.3	5	
48.0	7A0833	<0.012	<0.1	0.009	1.5	0.3	<1.2	<0.3	4	
48.6	7A0834	0.4	<0.1	0.002	0.5	-	15	<0.3	3	P
49.4	7A0835	0.02	<0.1	0.005	0.9	3	3	<0.3	9	

GEOLOGIC CORE LOG OF MJKA-4 (2/4)

1/200

MJKA-4 (2/4) 50m ~ 100m

Level 1,911.3m Direction 105°
X 117.7m Inclination 0°
Y 502.1m Length 162.3m

DEPTH (m)	DESCRIPTIONS
50	
	49.4-51.8m, pale green quartz pyroxene skarn
51.8	
52	51.8-56.3m, gray granodiorite, porphyritic texture
	53.0-53.2m, xenolith of px skarn
54	
	55.6-55.7m, xenolith of px skarn
56	56.3
	56.3-56.6m, green px skarn
	56.6
	56.6-57.5m, granodiorite, porphyritic texture
	57.5
58	57.5-57.7m, px skarn
	57.7
	57.7-64.8m, gray granodiorite, porphyritic texture, white albite distinct
60	
	61-62m, px skarn
62	
	62-64m, aplitic
	64.6-64.8m, chlorite alteration
64	
	64.8
	64.8-65.8m, deep green px skarn, typical skarn
	65.8 30
66	65.8-69.6m, mdg gray hb-bio granodiorite, white albite distinct
68	
	69.6
70	69.6-70.8m, deep green px skarn
	70.8
	70.8-71.4m, bio lamprophyre, pl distinct
	71.4
72	71.4-72.2m, deep green px skarn
	72.2-79.2m, quartz px skarn
74	73.2-73.4m, chl skarnized granodiorite
	75.0
	75.0m, quartz py veinlet, W=0.5cm
76	30 75.8-76.0m, epidotization
	76.0-76.6m, wollastonite contained
78	77.3-77.6m, blk actinotite network
	79.2
	79.2-79.9m, brown limonite quartz altered rock
80	79.9
	79.9-81.1m, chlorite quartz altered rock, hematite contained, granodiorite origin
	81.1
82	81.1-82.5m, px qtz wo skarn
	82.5
	82.5-86.6m, brown limonite quartz altered rock, chloritizatied aplitic rock origin, hematite imp.
84	85-86.6m, brecciated
	86.3m, pyrite conc.
86	86.6
	86.6-87.8m, deep green px skarn, hematite veinlet
	87.8
88	87.8-96.5m, limonitizated qtz px skarn, hematite imp.
90	
92	
94	
96	96.5
	96.5-97.3m, porphyritic granodiorite
	97.3
	97.3-98.0m, qtz px skarn, 97.6-97.65 granodiorite intruded
98	98.0
	98.0-103.5m, porphyritic granodiorite
100	

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
50.4										T
	7A0836	<0.01	<0.1	0.003	0.2	12	2	<0.3	1.2	
51.8										
	7A0837	<0.01	0.12	0.009	0.9	1.5	4	<0.3	3	
52.8										
	7A0838	0.012	0.12	0.007	0.7	2	3	<0.3	9	
53.8										
	7A0839	<0.01	0.7	0.007	0.3	3	2	<0.3	4	
54.8										
	7A0884	0.04	<0.1	0.007	0.5	0.4	<1.2	<0.3	4	
55.8										
	7A0885	0.03	0.1	0.002	0.5	0.4	<1.2	<0.3	3	
56.8										
	7A0886	0.03	0.7	0.012	0.7	0.7	<1.2	<0.3	9	
57.8										
	7A0887	0.12	0.7	0.015	3	1.5	5	1	7	
58.8										
	7A0888	0.012	<0.1	0.004	0.7	<0.3	<1.2	<0.3	4	
59.8										
	7A0889	0.012	<0.1	0.0012	1.2	0.3	<1.2	<0.3	4	
60.8										
	7A0890	0.012	<0.1	0.007	0.7	1.5	<1.2	<0.3	3	
61.8										
	7A0891	<0.012	<0.1	0.003	0.2	0.8	1.2	<0.3	4	
62.8										
	7A0892	<0.012	<0.1	0.005	0.9	0.3	<1.2	<0.3	3	
63.8										
	7A0893	0.012	<0.1	0.005	1.2	0.4	1.5	<0.3	5	
64.8										
	7A0894	0.05	0.2	0.015	0.2	9	1.2	<0.3	3	
65.8										
	7A0895	0.012	0.3	0.012	0.4	1.5	1.2	0.9	5	
66.8										
	7A0896	<0.012	<0.1	0.0012	1.2	0.3	<1.2	<0.3	5	
67.8										
	7A0897	<0.012	0.12	0.009	2	0.4	<1.2	<0.3	4	
68.8										
	7A0898	<0.012	<0.1	0.007	1.5	0.3	<1.2	<0.3	5	
69.6										
	7A0899	0.3	<0.1	0.012	0.2	7	<1.2	<0.3	3	
70.8										
71.4	7A0900	0.03	<0.1	0.005	0.7	0.3	<1.2	<0.3	5	
72.2	7A0901	0.02	0.7	0.012	0.3	2	4	0.3	20	
	7A0902	0.04	0.2	0.03	0.15	2	<1.2	<0.3	4	
73.2										
	7A0903	0.015	<0.1	0.007	0.7	4	<1.2	<0.3	3	
74.2										
	7A0904	0.012	<0.1	0.012	0.7	4	<1.2	<0.3	5	
75.2										
	7A0905	0.015	0.2	0.02	0.3	2	<1.2	<0.3	5	
76.2										
	7A0906	0.012	0.15	0.02	0.4	2	<1.2	<0.3	5	
77.2										
	7A0907	0.09	<0.1	0.009	0.3	4	<1.2	<0.3	2	
78.2										
	7A0908	0.012	0.2	0.012	1.5	5	<1.2	<0.3	1.5	
79.2										
79.9	7A0909	0.02	0.2	0.02	0.9	3	3	1.5	40	
	7A0910	0.02	0.5	0.02	1.5	3	<1.2	0.3	7	
81.1										
	7A0911	0.02	<0.1	0.005	0.12	3	<1.2	<0.3	2	
82.5										
	7A0912	0.012	<0.1	0.003	1.5	0.4	<1.2	<0.3	4	
83.5										
	7A0913	<0.012	<0.1	0.007	0.9	5	3	0.3	9	
84.5										
	7A0914	0.09	0.12	0.007	0.3	4	3	1.5	12	
85.5										
	7A0915	0.04	<0.1	0.004	0.3	1.5	2	0.7	40	
86.6										
	7A0916	0.012	<0.1	0.007	0.12	4	<1.2	<0.3	5	
87.8										
	7A0917	0.03	0.7	0.02	0.4	7	<1.2	<0.3	3	
88.8										
	7A0918	0.012	<0.1	0.012	<0.1	2	<1.2	<0.3	12	
89.8										
	7A0919	0.012	0.12	0.015	0.3	2	4	0.3	30	
90.8										
	7A0920	0.015	<0.1	0.012	0.3	2	2	<0.3	9	
91.8										
	7A0921	0.015	0.5	0.009	0.2	3	3	0.3	12	
92.8										
	7A0922	0.015	0.2	0.007	0.12	2	2	0.3	4	
93.8										
	7A0923	0.012	<0.1	0.007	0.4	3	2	<0.3	5	
94.8										
	7A0924	0.2	0.12	0.007	0.7	4	9	0.7	9	
95.8										
96.5	7A0925	0.05	0.12	0.012	0.9	5	<1.2	<0.3	4	
97.3	7A0926	<0.012	0.12	0.003	1.2	1.2	<1.2	<0.3	2	
	7A0927	0.09	0.4	0.015	2	3	2	<0.3	12	
98.0										
	7A0928	0.05	<0.1	0.002	1.2	0.3	1.2	<0.3	2	
99.0										
100.0	7A0929	0.012	<0.1	0.007	0.9	0.4	<1.2	<0.3	2	

GEOLOGIC CORE LOG OF MJKA-4 (3/4)

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Level 1,911.3m Direction 105°
X 117.7m Inclination 0°
Y 502.1m Length 162.3m

MJKA-4 (3/4) 100m ~ 150m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		98.0-103.5m, porphyritic hb granodiorite
	103.5	
		103.5-104.9m, pyroxene skarn,
	104.9	104.5-104.7m, granodiorite intruded
		104.9-109.0m, porphyritic granodiorite
	109.0	
		109.0-111.4m, pyroxene skarn,
	111.4	110.7-111.1m, px qtz skarn
		111.4-120.5m, pyroxene quartz skarn
		114.0m, W=5cm vein of epidote, 30 degree
		114.7-115m, epidotization
		116.0-116.3m, blk actinolite & wollastonite network
		116.8-117.0m, wollastonite contained
		117.0-117.3m, brecciated
		117.9m, hematite contained
	120.5	
	120.9	120.5-120.9m, granodiorite
	121.1	120.9-121.1m, malachite arsenopyrite epidote skarn
		121.1-124.5m, ep px qtz skarn, (aplite origin ?)
	124.5	
	125.4	124.5-125.4m, px skarn
		125.4-127.1m, px wo qtz skarn
	127.1	
	127.6	127.1-127.6m, quartz arsenopyrite ore
		127.6-130.8m, px qtz skarn
	130.8	
		130.8-133.0m, chl px skarn
	133.0	
		133.0-135.3m, chloritizated aplite
	135.3	
	136.2	135.3-136.2m, px qtz skarn
	136.7	136.2-136.7m, granodiorite
	137.5	136.7-137.5m, chloritizated aplite
		137.5-143.7m, px wo qtz skarn
	143.7	
		143.7-150.7m, chloritizated bio hb granodiorite
		143.7-144.5m, limonitization
	145.7	145.3-145.4m, px skarn forming in granodiorite
		145.7m, limonite cal v, W=2cm
		146.0-146.5m, px skarn forming in granodiorite
		146.4-146.5m, cp-asp conc in px skarn

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
100.0	7A0930	1.0	4	0.02	3	0.5	30	1.5	4	
101.0	7A0931	0.012	<0.1	0.003	1.5	0.3	<1.2	<0.3	3	
102.0	7A0932	0.012	<0.1	0.003	1.5	0.3	<1.2	<0.3	3	
103.5	7A0933	0.12	0.4	0.007	1.2	4	4	0.3	5	
104.9	7A0934	<0.012	<0.1	0.002	0.7	0.3	<1.2	<0.3	4	
105.9	7A0935	0.012	<0.1	0.007	1.2	0.3	<1.2	<0.3	4	
106.9	7A0936	<0.012	<0.1	0.004	0.5	0.3	<1.2	<0.3	5	
107.9	7A0937	<0.012	<0.1	0.005	0.15	<0.3	<1.2	<0.3	12	
109.0	7A0938	0.03	<0.1	0.015	0.15	2	2	<0.3	1.5	
110.0	7A0939	0.015	<0.1	0.009	0.12	3	<1.2	<0.3	4	
111.4	7A0940	0.02	<0.1	0.012	0.12	3	3	0.4	4	
112.4	7A0941	0.015	0.12	0.012	0.7	3	2	0.5	12	
113.4	7A0942	0.015	<0.1	0.012	0.3	3	5	1.5	4	
114.4	7A0943	0.15	0.15	0.012	0.5	5	15	2	3	
115.4	7A0944	0.04	0.12	0.012	0.7	2	3	0.5	4	
116.4	7A0945	0.06	0.15	0.02	0.3	2	2	1.2	12	
117.4	7A0946	0.09	<0.1	0.009	<0.1	4	3	0.9	4	
118.4	7A0947	0.04	0.3	0.03	0.7	3	15	1.2	5	
119.4	7A0948	0.02	0.4	0.03	0.5	3	3	1.5	2	
120.5	7A0949	0.012	0.15	0.015	0.1	0.9	5	1.2	4	
120.9	7A0950	3.2	100	0.3	30	4	768	70	20	
122.0	7A0951	0.4	0.7	0.03	1.5	1.2	15	1.5	12	
123.0	7A0952	0.03	0.3	0.015	0.3	3	7	1.5	3	
124.5	7A0953	0.015	0.3	0.012	0.3	3	2	2	1.5	
125.4	7A0954	0.4	0.9	0.015	30	3	20	4	9	
126.4	7A0955	0.8	0.2	0.02	1.2	3	30	1.2	2	
127.1	7A0956	55.6	278	0.46	40	15	2625	90	3	
127.6	7A0957	0.8	1.2	0.07	0.3	2	15	3	4	
128.6	7A0958	0.03	0.3	0.015	0.3	2	3	0.7	4	
129.6	7A0959	<0.012	<0.1	0.0015	1.5	0.3	<1.2	<0.3	5	
130.8	7A0960	0.3	<0.1	0.003	0.15	2	2	0.7	2	
131.8	7A0961	0.4	<0.1	0.007	0.9	1.2	2	0.4	7	
133.0	7A0962	0.2	0.7	0.005	1.5	2	12	3	4	
134.0	7A0963	<0.012	<0.1	0.005	1.5	1.2	2	<0.3	3	
135.3	7A0964	<0.012	0.7	0.007	1.2	2	<1.2	<0.3	5	
136.2	7A0965	0.012	0.15	0.005	1.5	0.3	2	<0.3	3	
136.7	7A0966	<0.012	<0.1	0.012	1.2	0.3	<1.2	<0.3	4	
137.5	7A0967	<0.012	0.12	0.007	0.5	1.5	<1.2	0.3	3	
138.5	7A1102	<0.012	<0.1	0.004	0.3	-	<1.2	<0.3	3	
139.5	7A1103	<0.012	<0.1	0.004	0.2	1.2	<1.2	<0.3	3	
140.5	7A1104	<0.012	<0.1	0.012	0.3	0.9	3	3	7	
141.5	7A1105	<0.012	<0.1	0.015	1.5	1.5	2	2	9	
142.5	7A1106	<0.012	<0.1	0.0015	0.9	0.7	5	5	30	
143.7	7A1107	<0.012	<0.1	0.002	1.2	0.4	7	7	40	
144.7	7A1108	<0.012	<0.1	0.005	1.2	0.4	<1.2	<0.3	20	
145.7	7A1109	0.07	0.9	0.015	0.9	0.4	15	15	15	
146.7	7A1110	<0.012	<0.1	0.003	0.9	0.4	<1.2	<0.3	9	
147.7	7A1111	<0.012	<0.1	0.003	1.2	0.4	<1.2	<0.3	12	
148.7	7A1112	<0.012	<0.1	0.012	1.2	0.4	<1.2	<0.3	7	
149.7										

GEOLOGIC CORE LOG OF MJKA-4 (4/4)

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MJKA--4 (4／4) 150m ~ 165m

Level 1,911.3m Direction 105°
X 117.7m Inclination 0°
Y 502.1m Length 162.3m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	150.7	143.7-150.7m, chloritizated granodiorite
	151.9	150.7-151.9m, aplite
	152.7	151.9-152.7m, chloritizated granodiorite
		152.7-155.0m, silicified px wo skarn
	155.0	
	155.5	155.0-155.5m, limonitizated silicified px wo skarn
	156.0	155.5-156.0m, chloritizated lamprophyre
		156.0-162.3m, silicified px wo skarn
		156.0-156.7m, biotitization
		157.8-158.5m, brecciated biotitization
		160.2-160.3m, garnet rich
		161.6-162.3m, biotitization
	162.3	(162.3m, end of drilling)

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
150.7	7A1113	<0.012	<0.1	0.004	1.2	0.4	<1.2	<0.3	12	
151.9	7A1114	1.0	3	0.04	2	0.4	98	1.2	15	
152.7	7A1115	0.015	<0.1	0.012	0.9	0.5	<1.2	0.3	12	
153.7	7A1116	0.04	1.2	0.05	0.9	0.7	15	0.4	15	
	7A1117	0.012	0.2	0.012	0.15	0.7	5	0.4	4	
155.0	7A1118	0.012	0.2	0.015	0.3	0.7	12	1.5	30	
155.5	7A1119	<0.012	0.4	0.03	0.5	0.5	20	1.2	12	
156.0	7A1120	<0.012	0.2	0.012	0.4	0.5	0.3	0.3	3	
157.0	7A1121	<0.012	<0.1	0.005	0.12	0.3	<1.2	<0.3	3	
158.0	7A1122	<0.012	0.15	0.012	0.3	0.9	<1.2	0.4	2	
159.0	7A1123	<0.012	0.7	0.02	0.5	0.5	1.5	0.7	9	
160.0	7A1124	<0.012	0.3	0.015	0.3	0.9	<1.2	0.7	3	
161.0	7A1125	0.012	0.3	0.012	1.2	0.5	<1.2	0.3	4	
162.3										

GEOLOGIC CORE LOG OF MJKA-6 (1/4)

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MJKA-6 (1/4) 0 m ~ 50 m

Level 1,920.6m Direction 105°
X 93.5m Inclination 0°
Y 425.0m Length 160.1m

DEPTH (m)	DESCRIPTIONS
0	0-3.0m, pale green wollastonite pyroxene skarn, pyrite imp.
3.0	3.0-12.3m, pale greenish white quartz- pyroxene-wollastonite skarn, quartz veinlets of 1-2mm of 60-80 degree partly garnet include
9.9	9.9m, quartz vein, W=1cm
10.4	10.4m, quartz vein, pyrite imp. W=0.5cm (85)
11.3	11.3m, quartz vein, W=1cm
12.3	12.3-12.5m, brown silicified brecciated skarn
12.5	12.5-14.4m, silicified brown green chloritizated granodiorite porphyry
14.4	14.4-15.6m, pale greenish white pyroxene-wollastonite skarn
15.6	15.6-16.0m, granodiorite porphyry
16.0	16.0-16.5m, yellow brown brecciated shear zone (tectonic fracture zone)
16.5	16.5-21.5m, grayish white marble 16.5-16.6m, partly garnet skarnized, py imp. 18.3m, W=8cm, weak pyroxene skarnized 19.5m, banded structure of 80-85 degree 20.5m, W=4cm, pyroxene garnet skarnized
21.5	21.5-26.5m, pale green pyroxene-wollastonite skarn, py imp.
26.5	26.2-26.5m, strong limonitization 26.3m, calcite vein, W=1cm
26.9	26.5-26.6m, shear with limonite 26.6-26.9m, brecciated zone, strong limonitization
27.7	26.9-27.7m, pyroxene-wollastonite skarn
29.2	27.7-29.2m, brown silicified skarn, strong silic.
32.7	29.2-32.7m, pale greenish white pyroxene-wollastonite skarn
33.95	32.7-37.95m, deep green pyroxene skarn 33.5m and 33.7m W=5cm, granodiorite porhyry
35.5	33.95-35.5m, granodiorite porphyry
38.5	35.5-42.7m, quartz-pyroxene-wollastonite skarn 38.5m limonite vein W=0.5cm (25)
42.7	
44.0	42.7-44.0m silicified skarn, 42.7-43.2 limonitization
49.2	44.0-50.1m quartz-pyroxene wollastonite skarn 47.5-47.7m crushed with limonite 49.1-49.6m silicification 49.2m quartz vein W=1cm (70)

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
0.0	7A0333	0.6	0.7	0.02	1.2	2	2	0.3	12	
1.0	7A0334	0.3	0.7	0.02	0.4	5	<1.2	<0.3	20	
2.0	7A0335	2.2	2	0.09	0.3	5	1.2	<0.3	12	
3.0	7A0336	0.015	0.15	0.007	0.3	3	<1.2	<0.3	5	
4.0	7A0337	0.15	<0.1	0.002	0.12	4	<1.2	<0.3	3	
5.0	7A0338	0.05	<0.1	0.001	<0.1	5	<1.2	<0.3	1.2	
6.0	7A0339	0.07	<0.1	0.001	<0.1	4	<1.2	<0.3	1.2	
7.0	7A0340	0.5	0.2	0.005	0.5	5	<1.2	<0.3	2	
8.0	7A0341	0.2	0.15	0.001	0.12	5	<1.2	<0.3	1.5	
9.0	7A0342	0.07	<0.1	0.002	<0.1	7	1.2	<0.3	2	
10.0	7A0343	1.2	0.3	0.005	0.15	4	1.2	<0.3	3	
11.0	7A0344	0.03	0.2	0.0015	1.5	2	<1.2	<0.3	7	
12.0	7A0345	1.2	3	0.003	0.5	5	1	0.3	5	
12.5	7A0346	0.03	0.12	0.002	3	1.5	<1.2	<0.3	9	
13.5	7A0347	0.09	0.2	0.002	0.7	1.5	<1.2	<0.3	4	
14.4	7A0348	0.09	<0.1	0.005	0.15	12	<1.2	<0.3	9	
15.6	7A0349	0.7	<0.1	0.004	0.5	2	<1.2	<0.3	7	
16.0	7A0350	1.0	0.2	0.12	<0.1	3	30	<0.3	2	X
16.5	7A0351	0.4	0.5	0.015	0.15	-	<1.2	<0.3	3	
17.5										
20.5										
21.5	7A0352	0.9	1.5	0.03	0.12	0.3	<1.2	<0.3	3	
22.5	7A0353	1.2	5	0.12	0.7	5	1.5	<0.3	1.2	
23.5	7A0354	0.12	0.3	0.007	0.7	5	1.5	0.3	5	
24.5	7A0355	0.07	0.2	0.003	2	5	1.5	<0.3	12	
25.5	7A0356	0.12	0.5	0.005	1.2	15	<1.2	<0.3	1.2	
26.5	7A0357	0.05	0.12	0.002	0.3	9	12	<0.3	5	
26.9	7A0358	0.3	0.2	0.003	0.2	3	15	0.4	8	
27.7	7A0359	<0.012	<0.1	0.001	<0.1	5	<1.2	<0.3	3	
29.2	7A0360	0.05	0.3	0.009	0.3	2	<1.2	<0.3	5	
30.2	7A0361	0.3	<0.1	0.003	0.12	9	<1.2	<0.3	1.2	
31.2	7A0362	0.07	0.3	0.012	0.4	7	<1.2	<0.3	5	
32.7	7A0363	<0.012	0.4	0.009	0.4	3	<1.2	<0.3	5	
33.95	7A0364	0.012	<0.1	0.002	0.2	12	<1.2	<0.3	3	
35.5	7A0365	0.02	0.12	0.003	2	3	<1.2	<0.3	7	
36.5	7A0366	0.04	0.2	0.009	0.5	12	<1.2	<0.3	1.5	
37.5	7A0367	0.012	0.2	0.004	0.3	2	<1.2	<0.3	5	
38.5	7A0368	1.0	1.5	0.02	0.2	5	7	<0.3	3	T
39.5	7A0369	1.0	1.2	0.015	0.5	3	12	<0.3	5	
40.5	7A0370	<0.012	0.3	0.003	0.5	2	<1.2	<0.3	9	
41.5	7A0371	<0.012	0.5	0.005	1.5	4	<1.2	0.3	2	
42.7	7A0372	<0.012	0.1	0.003	0.2	5	<1.2	0.3	1.2	
44.0	7A0373	0.03	0.2	0.005	0.12	2	<1.2	0.4	4	
45.0	7A0374	<0.012	<0.1	0.003	0.3	5	<1.2	0.4	3	
46.0	7A0375	<0.012	<0.1	0.002	0.12	5	<1.2	0.3	3	
47.0	7A0376	<0.012	0.2	0.003	0.4	3	<1.2	0.3	7	
48.0	7A0377	0.12	<0.1	0.002	0.4	4	1.5	0.4	7	
49.0	7A0378	<0.012	0.12	0.003	0.5	5	<1.2	0.3	7	F
50.1	7A0379	<0.012	0.12	0.002	0.12	3	<1.2	<0.3	1.2	

GEOLOGIC CORE LOG OF MJKA-6 (2/4)

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MJKA-6 (2/4) 50m ~ 100m

Level 1,920.6m Direction 105°
X 93.5m Inclination 0°
Y 425.0m Length 160.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	50.1	
	51.0	50.1-51.0m, strong silicified skarn
	51.7	51.0-51.7m, deep green pyroxene skarn
	52.8	51.7-52.8m, chloritizated granodiorite
	53.5	52.8-53.5m, limonitizated aplite
		53.5-58.1m, chloritizated granodiorite, partly aplitic
	57.1	57.1m, chlorite quartz vein with limonite film, W=1cm
	58.1	58.1-58.9m, deep green pyroxene skarn
	58.9	58.9-61.3m, grayish white aplite, (decolorized granodiorite ?)
	61.3	61.3-61.4m, W=10cm, dark green shear (tectonic ?)
	61.4	61.4-77.8m, chloritizated granodiorite
	62.8	61.4-63.4m, crushed and biotite rich part (xenolith of melanocratic part ?)
		62.8m, limonite film along joint
		64.4-74.5m, biotite included aplitic
		67.0-67.5m, banded st. of limonite veinlets of 40 degree
		71.7-72.6m, limonitization
		73.8-74.3m, light brown limonitization
	74.4	74.4m, quartz vein, W=0.5cm
		74.4-75m, deep greenish brown biotitization, chloritization
	77.8	77.8-78.9m, dark green chloritizated pyroxene skarn
	78.9	77.8-78.3m, limonitization alon joints and cracks
		78.8m, brecciated pyroxene skarn
	80.5	78.9-80.5m, chloritizated granodiorite
		80.5-82.5m, pale green chloritizated granodiorite, biotitization rich
	82.5	82.5-84.2m, pale green quartz pyroxene skarn
	84.2	84.2-90.2m, pale green to white quartz pyroxene wollastonite skarn
	90.2	90.2-94.4m, limonitizated silicified brecciated pyroxene skarnized rock, pyrite imp.
	94.4	94.4-105.5m, pale green quartz pyroxene skarn, partly wollastonite included
		94.5-94.6m, hematite quartz veinlets, W=0.2-0.5cm
		99.8-101m, epidote alteration

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
50.1	7A0380	<0.012	0.2	0.007	0.2	4	<1.2	0.3	1.5	
51.0	7A0381	0.012	0.1	0.003	2	9	<1.2	0.7	5	
51.7	7A0382	0.012	0.12	0.002	1.5	0.7	<1.2	<0.3	12	
52.8	7A0463	<0.012	<0.1	0.0013	1.5	0.5	<1.2	<0.3	15	
53.5	7A0464	<0.012	0.2	0.0015	2	0.4	<1.2	<0.3	12	
54.5	7A0465	<0.012	0.2	0.0015	2	0.7	<1.2	<0.3	12	
55.5	7A0466	<0.012	<0.1	0.003	1.5	0.9	<1.2	<0.3	9	
56.5	7A0467	0.02	0.3	0.005	1.5	0.7	<1.2	<0.3	15	
57.5	7A0468	0.04	<0.1	0.0015	0.7	0.9	2	2	15	
58.1	7A0469	0.02	0.12	0.0015	0.9	1.2	<1.2	<0.3	20	
58.9	7A0470	0.012	0.2	0.004	2	0.7	<1.2	<0.3	15	
59.9	7A0471	<0.012	0.2	0.003	2	0.5	<1.2	<0.3	12	
60.9	7A0383									X
73.8	7A0472	0.012	0.4	0.003	2	0.9	<1.2	0.4	30	
74.8	7A0473	0.012	0.2	0.004	2	0.7	<1.2	<0.3	15	
75.8	7A0474	2.4	0.4	0.003	3	0.7	5	0.9	20	
76.8	7A0475	0.3	0.5	0.007	1.2	1.5	20	4	50	
77.8	7A0476	0.7	0.4	0.007	3	1.2	12	40	40	
78.9	7A0477	0.012	0.12	0.004	2	0.5	<1.2	0.5	12	
80.5	7A0478	<0.012	0.12	0.003	3	1.2	<1.2	0.5	15	
81.5	7A0479	<0.012	0.12	0.002	2	0.4	<1.2	<0.3	15	
82.5	7A0480	<0.012	0.9	0.0015	1.2	2	1.5	0.9	20	
83.5	7A0481	<0.012	0.5	0.0012	0.2	2	<1.2	0.7	30	
84.2	7A0482	<0.012	0.2	0.003	0.2	3	<1.2	1.2	15	
85.2	7A0483	<0.012	0.4	0.005	1.2	4	<1.2	0.9	12	
86.2	7A0484	<0.012	0.5	0.004	0.5	4	<1.2	1.2	12	
87.2	7A0485	<0.012	0.5	0.005	0.2	2	1.2	0.9	12	
88.2	7A0486	<0.012	0.5	0.005	0.2	3	1.2	0.9	5	
89.2	7A0487	<0.012	0.5	0.005	0.3	3	<1.2	0.9	15	
90.2	7A0488	<0.012	0.7	0.002	1.2	3	9	0.9	30	
91.2	7A0489	0.07	0.12	0.004	<0.1	1.2	15	1.5	40	
92.2	7A0490	0.05	0.4	0.007	0.4	2	9	0.9	15	
93.2	7A0491	0.12	0.7	0.012	0.3	3	15	0.7	20	P
94.4	7A0492	0.03	0.7	0.012	0.3	5	3	0.9	30	T
95.4	7A0493	<0.012	0.2	0.012	0.3	2	<1.2	0.3	5	
96.4	7A0494	<0.012	0.12	0.012	0.2	2	<1.2	0.4	5	
97.4	7A0495	<0.012	0.7	0.012	0.15	5	<1.2	0.4	5	
98.4	7A0496	<0.012	0.7	0.02	0.5	3	<1.2	0.4	4	
99.4	7A0497	<0.012	0.7	0.04	2	5	<1.2	0.4	4	
100.4										

94.3
95.6
61.35

GEOLOGIC CORE LOG OF MJKA-6 (3/4)

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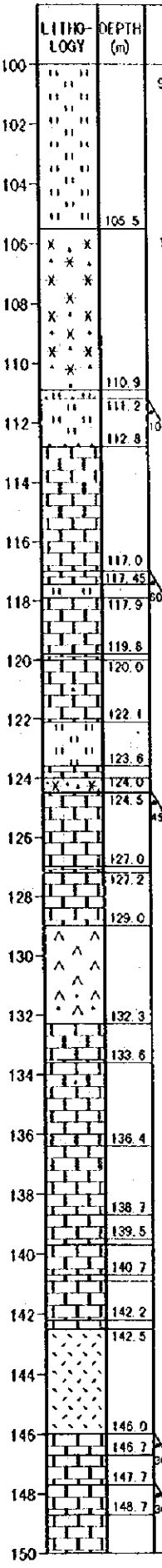
MJKA-6 (3/4) 100m ~ 150m

Level 1,920.6m Direction 105°
X 93.5m Inclination 0°
Y 425.0m Length 160.1m



DEPTH (m)	DESCRIPTIONS
100.4	94.4-105.5m, ptae green quartz pyroxene skarn
103.65	around 103.65m, cp, py, asp imp. W=10cm
104-105	104-105m, py imp.
105.5	105.5-110.9m, gray aplite, generally crushed
106.4-107	106.4-107m, malachite imp.
108.8	108.8m, pyrite imp.
109.3-109.7	109.3-109.7m, malachite imp.
110.9	110.9-112.8m, green pyroxene skarn
111.2	111.2m, py-arsenopyriye cal vein, W=0.7cm
112.6-112.8	112.6-112.8m, W=20cm, quartz-garnet rich, (112.8) cp rich, py and asp imp.
112.8-117.0	112.8-117.0m, silicified weak garnet pyroxene skarnized marble, partly fresh gray marble relict
117.0-117.45	117.0-117.45m, fresh gray fng marble
117.45-117.9	117.45-117.9m, quartz pyroxene wollastonite skarn
117.9-119.8	117.9-119.8m, silicified px-skarnized marble
119.8-120.0	119.8-120.0m, fresh gray fng marble
120.0-122.1	120.0-122.1m, garnet px-skarnized marble
120.9	120.9m, cp and py veinlets along marble relict
122.1-123.6	122.1-123.6m, quartz wollastonite skarn, partly px, garnet included
123.6-124.0	123.6-124.0m, garnet px-skarnized marble
124.0-124.5	124.0-124.5m, gray aplite, pyrite rich
124.5-127.0	124.5-127.0m, garnet px-wollastonite skarnized marble
127.0-127.2	127.0-127.2m, fresh gray fng marble
127.2-129.0	127.2-129.0m, garnet px-skarnized marble
129.0-132.3	129.0-132.3m, chloritizated granodiorite porphyry
131.3-131.5	131.3-131.5m, limonitization
131.7-132.3	131.7-132.3m, py imp.
132.3-133.6	132.3-133.6m, fresh gray fng marble
133.6-136.4	133.6-136.4m, blk silicified rock from gray marble, partly px-skarnized
134.8	134.8m, cp py imp.
136.4-138.7	136.4-138.7m, fresh gray fng marble, partly px-skarnized of 10cm
138.7-139.5	138.7-139.5m, blk silicified marble
139.5-139.7	139.5-139.7m, fresh gray fng marble
139.7-140.7	139.7-140.7m, blk silicified marble
140.7-140.9	140.7-140.9m, fresh gray fng marble
140.9-142.2	140.9-142.2m, blk silicified marble
142.2-142.5	142.2-142.5m, fresh gray fng marble
142.5-146.0	142.5-146.0m, silicified garnet pyroxene wollastonite skarn
146.0-146.7	146.0-146.7m, fresh white fng marble
146.7-147.7	146.7-147.7m, silicified weak garnet px-skarnized marble
147.7-148.7	147.7-148.7m, blk silicified marble
148.7-152.9	148.7-152.9m, silicified weak px-skarnized marble, fresh marble relict

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
100.4	7A0498	0.012	0.9	0.015	0.12	3	<1.2	0.5	7	
101.4	7A0499	0.15	1.2	0.12	0.7	5	3	0.3	4	
102.4	7A0500	0.012	1.2	0.04	0.9	3	1.2	0.9	5	P
103.4	7A0501	<0.012	0.3	0.015	0.12	2	2	<0.3	5	
104.4	7A0502	0.12	0.4	0.02	0.2	1.5	5	<0.3	5	
105.5	7A0503	0.7	0.4	0.05	0.3	0.9	1.5	<0.3	5	
106.5	7A0504	0.05	0.7	0.04	0.15	0.4	2	0.5	9	
107.5	7A0505	0.07	0.9	0.05	0.15	0.4	1.2	0.9	30	
108.5	7A0506	0.12	0.5	0.04	0.12	0.4	<1.2	1.5	20	
109.5	7A0507	0.07	0.9	0.04	0.2	1.2	5	0.9	12	
110.9	7A0508	0.03	0.12	0.12	4	9	12	0.4	9	P
111.9	7A0509	0.15	0.7	0.2	7	3	1.2	0.5	7	P
112.8	7A0510	0.04	0.12	0.02	0.5	0.4	<1.2	<0.3	20	
113.8	7A0511	0.04	0.4	0.12	4	0.5	<1.2	<0.3	15	
114.8	7A0512	0.04	0.5	0.12	4	1.2	<1.2	<0.3	9	
115.8	7A0513	0.02	0.12	0.012	0.2	0.4	<1.2	<0.3	20	
117.0	7A0514	0.04	0.4	0.012	0.5	0.3	<1.2	<0.3	2	
117.45	7A0515	0.012	0.3	0.15	9	1.2	<1.2	<0.3	12	
117.9	7A0516	0.03	0.2	0.015	0.4	-	<1.2	<0.3	9	
118.9	7A0517	0.03	0.15	0.012	0.3	-	<1.2	<0.3	12	
119.8	7A0518	0.05	0.4	0.015	0.3	-	<1.2	<0.3	3	
120.8	7A0519	0.05	0.4	0.012	0.4	-	<1.2	<0.3	7	
122.1	7A0520	<0.012	0.12	0.012	0.4	0.3	<1.2	<0.3	9	
123.6	7A0521	0.02	0.3	0.012	5	0.9	<1.2	<0.3	5	
124.0	7A0522	0.012	0.9	0.15	5	1.2	<1.2	<0.3	30	
124.5	7A0523	0.02	0.12	0.012	0.15	0.4	<1.2	<0.3	12	
125.5	7A0524	0.15	0.2	0.012	0.15	1.2	<1.2	<0.3	9	
127.0	7A0525	0.15	0.3	0.15	4	2	<1.2	<0.3	5	
128.0	7A0526	0.03	<0.1	0.015	0.5	0.9	<1.2	<0.3	20	
129.0	7A0527	0.8	1.2	0.03	2	0.7	<1.2	<0.3	12	
130.0	7A0528	0.02	0.2	0.07	12	0.9	<1.2	<0.3	12	
131.0	7A0529	0.12	0.3	0.009	2	0.7	4	<0.3	15	
132.3	7A0530	0.02	0.3	0.015	4	1.2	<1.2	<0.3	20	
133.6	7A0531	0.04	0.3	0.012	0.4	0.3	<1.2	<0.3	3	
134.6	7A0532	0.03	0.3	0.015	2	0.4	<1.2	<0.3	20	
135.6	7A0533	0.04	0.3	0.015	0.9	0.4	<1.2	0.4	20	
136.4	7A0534	0.04	0.3	0.03	0.9	0.3	<1.2	<0.3	7	
137.4	7A0535	0.09	0.5	0.03	1.2	0.4	<1.2	<0.3	5	
138.7	7A0536	0.03	0.5	0.12	3	-	<1.2	<0.3	9	
139.7	7A0537	0.012	0.12	0.03	1.5	0.3	<1.2	<0.3	12	
140.9	7A0538	<0.012	0.12	0.012	0.9	-	<1.2	<0.3	20	
142.5	7A0539	0.07	0.3	0.009	0.15	-	<1.2	<0.3	12	
143.5	7A0540	0.04	0.4	0.05	2	0.4	<1.2	<0.3	20	
144.5	7A0541	0.02	0.2	0.012	0.3	-	<1.2	<0.3	20	
146.0	7A0542	0.07	0.12	0.05	5	-	<1.2	<0.3	7	
146.7	7A0543	0.03	0.2	0.04	3	-	<1.2	<0.3	3	
147.7	7A0544	0.015	0.12	0.009	0.9	-	<1.2	<0.3	20	
148.7	7A0545	0.8	0.4	0.012	0.12	-	<1.2	<0.3	7	
149.7										

GEOLOGIC CORE LOG OF MJKA-6 (4/4)

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MJKA-6 (4/4) 150m ~ 160m

Level 1,920.6m Direction 105°
X 93.5m Inclination 0°
Y 425.0m Length 160.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	152.9	148.7-152.9m, silicified weak px-skarnized marble
	153.8	152.9-153.8m, silicified wollastonite skarn
	154.4	153.8-154.4m, silicified marble, weak wollastonite, marble relict
	156.6	154.4-156.6m, silicified wollastonite skarn
	160.1	158.6-160.1m, silicified marble 157.2-158.8m, limonite along cracks 159.0-160.1m, silicified rock from marble (160.1m, end of drilling)

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
150.7	7A0546	0.12	0.12	0.03	4	-	<1.2	<0.3	3	
151.7	7A0547	0.09	0.12	0.015	0.12	-	1.2	<0.3	9	
152.9	7A0548	0.05	0.12	0.015	0.4	0.7	2	<0.3	15	
153.8	7A0549	0.2	0.12	0.015	0.2	0.7	1.2	<0.3	20	
154.4	7A0550	0.015	0.12	0.05	3	0.9	<1.2	<0.3	3	
155.4	7A0551	0.012	0.2	0.02	1.5	-	1.2	<0.3	7	
156.6	7A0552	0.03	0.12	0.015	1.2	3	1.2	<0.3	12	
157.6	7A0553	0.03	0.12	0.015	0.4	1.2	4	0.3	9	
158.6	7A0554	0.07	0.5	0.05	4	1.2	2	<0.3	20	
160.1	7A0555	0.02	0.12	0.015	1.5	0.7	2	<0.3	9	

GEOLOGIC CORE LOG OF MJKA-7 (1/6)

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MJKA-7 (1/6) 0 m ~ 50 m

Level 1,920.6m Direction 105°
X 93.5m Inclination -45°
Y 425.0m Length 281.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	3.0	0-3.0m, detritus with granodiorite pebbles
		3.0-7.1m, chloritizated granodiorite, dyke
		5.5m, px-skarn nodule of 20cm
	7.1	
		7.1-10.1m, pale green quartz wollastonite pyroxene skarn, banded st. of 45, epidote partly included
	10.1	
		10.1-15.5m, deep green pyroxene skarn
		10.8-11.0m, granodiorite texture relict
		13.6-13.8m, wollastonite rich part
	15.5	15.5-16.3m, brecciated px-skarn with pyrite rich entering barren calcite vein of 3cm in width
	16.3	16.3-16.5m, pyroxene skarn
		16.5-17.6m, brecciated px-skarn with pyrite rich
	17.6	17.6-23.9m, pyroxene skarn with small blk limestone relict
	18.6	18.6m, lamporphyre with 5cm width
	20.2	20.2m, lamporphyre with 5cm width
	21.8	21.8m, lamporphyre with 20cm width
	22.0	
	23.7	23.7m, malachite-crysocolla quartz vein, W=1cm, withl imonitization, py imp. around 20cm along the vein
	24.1	23.9-24.1m, shear zone with pyroxene quartz limonite
		24.1-37.2m, dark green pyroxene skarn
		26.3m, malachite imp.
		27.5m, malachite imp.
		28.5-33m, low core recovery of 50%
		31.9m, malachite-limonite ore W=5cm
		33.3-41.0m, low core recovery of 30%
	33.7	31.9m, malachite quartz vein, W=2cm
	35.3	35.3m, malachite quartz vein, W=2cm
	37.0	37.0m, malachite quartz vein, W=1cm
	37.2	37.2-38.8m, mdg granodiorite, fresh, bio-hb, partly chloritization
	38.8	38.8-41.0m, weathered brownish ocher granodiorite
	41.0	41.0-41.9m, mdg granodiorite, fresh
	41.9	41.9-42.4m, weathered brownish ocher granodiorite
	42.4	42.4-44.6m, chlorite pyroxene skarnized rock, granodiorite origin? py imp.
	44.6	44.6-48.1m, strong limonitizated aplitic rock
	46.2	45.0-45.4m, quartz vein W=1.5cm
		46.2-44.7m, quartz vein W=1cm
	48.1	48.1-57.2m, mdg bio-hb granodiorite

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
3.0										
4.0	7A0574	0.4	<0.1	0.012	<0.1	0.5	<1.2	<0.3	5	
	7A0575	0.08	<0.1	0.009	<0.1	1.2	<1.2	<0.3	4	
5.0										
	7A0576	0.09	<0.1	0.02	<0.1	0.8	<1.2	<0.3	5	
6.0										
	7A0577	0.12	0.12	0.015	<0.1	0.5	<1.2	<0.3	7	
7.1										
	7A0578	0.015	0.12	0.012	<0.1	1.2	<1.2	<0.3	3	
8.1										
	7A0579	0.05	0.3	0.02	<0.1	2	<1.2	<0.3	7	
9.1										
	7A0580	0.03	0.3	0.02	<0.1	1.5	<1.2	<0.3	9	
10.1										
	7A0581	0.04	<0.1	0.012	<0.1	2	<1.2	<0.3	7	
11.1										
	7A0582	0.02	<0.1	0.009	<0.1	1.2	<1.2	<0.3	8	
12.1										
	7A0583	0.03	<0.1	0.009	<0.1	1.5	<1.2	<0.3	9	
13.1										
	7A0584	0.015	<0.1	0.009	<0.1	2	<1.2	<0.3	5	
14.1										
	7A0585	0.8	<0.1	0.009	<0.1	1.5	<1.2	<0.3	9	
15.5										P
16.3	7A0558	0.7	0.12	0.005	<0.1	<0.5	3	<0.3	2	15.9
16.5	7A0559	0.3	<0.1	0.001	0.3	3	5	<0.3	1.2	F 16.1
17.6	7A0560	0.6	<0.1	0.012	<0.1	1.2	7	<0.3	2	
	7A0561	0.15	<0.1	0.007	<0.1	2	2	<0.3	1.2	T
18.6										18.6
	7A0562	1.0	<0.1	0.009	<0.1	2	<1.2	<0.3	1.2	
20.3										
	7A0563	0.7	0.2	0.004	0.3	0.4	12	0.3	4	
22.0										
23.0	7A0564	0.6	0.12	0.012	<0.1	2	<1.2	<0.3	4	
	7A0565	2.6	1.5	0.3	4	3	40	4	15	P
23.9	7A0566	9.5	20	0.2	50	3	>100	50	30	23.7
24.1	7A0567	0.4	0.2	0.04	0.3	4	9	0.5	2	X 24.0
25.3										
	7A0568	0.9	0.3	0.04	0.5	3	7	0.3	4	
26.3										
27.3	7A0569	0.3	0.12	0.012	<0.1	1.5	1.5	<0.3	3	
	7A0570	0.5	0.2	0.03	<0.1	2	2	<0.3	4	
28.3										
	7A0571	1.2	0.3	0.03	<0.1	1.5	1.2	<0.3	3	
29.3										
	7A0572	0.8	0.7	0.05	<0.1	2	1.2	<0.3	2	
30.3										
	7A0573	1.0	0.9	0.07	0.3	3	3	0.3	2	
31.3										
	7A0587	0.2	0.9	0.09	0.4	5	5	<0.3	3	
32.3										
	7A0588	0.3	0.9	0.05	0.5	7	12	0.7	7	
33.3										
	7A0589	0.8	2	0.5	0.9	4	15	2	15	
35.2										
	7A0590	0.3	0.4	0.15	0.4	3	4	0.5	12	
37.2										
	7A0591	0.03	0.12	0.012	1.5	0.9	<1.2	<0.3	12	
38.8										
	7A0592	0.2	0.12	0.012	1.5	0.9	<1.2	<0.3	15	
41.0										
	7A0593	0.2	0.7	0.015	1.5	1.2	5	<0.3	15	
42.4										
43.4	7A0594	0.015	<0.1	0.009	1.2	0.9	1.5	<0.3	9	
	7A0595	0.02	0.12	0.009	1.2	0.7	1.2	<0.3	15	
44.6										
	7A0596	0.05	0.3	0.012	1.5	0.9	<1.2	<0.3	30	
45.6										
	7A0597	1.0	1.2	0.012	1.2	0.5	12	<0.3	30	
46.6										
	7A0598	0.3	0.5	0.012	1.5	0.5	5	<0.3	30	
48.1										
	7A0599	0.2	<0.1	0.007	0.9	0.4	4	<0.3	20	
49.1										
50.1	7A0600	0.04	0.2	0.009	2	0.5	3	0.5	30	

GEOLOGIC CORE LOG OF MJKA-7 (2/6)

1/200

MJKA-7 (2/6) 50m ~ 100m

Level 1,920.6m Direction 105°
X 93.5m Inclination -45°
Y 425.0m Length 281.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		48.1-57.2m, mdg bio-hb granodiorite
	55.1	55.1m, quartz calcite vein W=1cm
	55.5	55.5m, quartz calcite vein W=2cm
		55.8m, quartz calcite vein W=1cm
	57.2	56.1-56.3m, quartz vein W=1-2cm, pyrite imp.
	57.6	57.2-57.6m, lamprophyre
		57.6-101.0m, pale green mdg weak chloritizated granodiorite
		61.6-63.5m, chlorite epidote altered zone
	62.6	62.6m, quartz vein W=1.5cm with 1cm of clay
		68.6-69.3m, shear zone
		76.3-77.0m, porphyritic texture
	86.2	86.2m, quartz vein W=0.5cm
		93.7m, W=10cm limonitization
		From 98m, brownish granodiorite

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
50.1	7A0601	0.07	<0.1	0.007	1.5	0.4	4	<0.3	12	
51.1	7A0602	0.05	0.12	0.015	2	0.5	12	0.4	15	
52.1	7A0603	0.8	0.15	0.009	1.5	0.4	15	<0.3	20	
53.1	7A0604	0.15	0.3	0.015	2	0.5	9	0.3	30	
54.1	7A0605	0.3	0.3	0.012	1.5	0.4	12	0.3	20	
55.1	7A0606	0.09	0.2	0.012	1.5	0.4	3	<0.3	20	
56.1	7A0607	0.8	1.2	0.015	0.9	0.3	50	0.5	15	
57.2	7A0608	0.5	0.12	0.009	0.9	0.4	7	0.3	20	
57.6	7A0609	1.2	0.3	0.009	1.2	0.3	30	<0.3	20	
58.6	7A0610	0.2	0.2	0.012	1.5	0.4	12	<0.3	12	
59.6	7A0611	0.04	0.4	0.012	2	0.5	12	<0.3	20	
60.6	7A0612	0.2	0.12	0.005	1.5	0.4	5	<0.3	15	
61.6	7A0613	0.3	<0.1	0.009	1.2	0.7	20	<0.3	20	X
62.6	7A0614	0.4	0.5	0.012	1.5	0.4	20	0.3	20	
63.6										

GEOLOGIC CORE LOG OF MJKA-7 (3/6)

1/200

MJKA-7 (3/6) 100m ~ 150m

Level 1,920.6m Direction 105°
X 93.5m Inclination -45°
Y 425.0m Length 281.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	101.0	57.6-101.0m, mdg chloritizated granodiorite
	102.2	101.0-102.2m, brown strong limonitizated altered granodiorite, bio pseudomorph
		102.2-104.6m, limonitizated aplitic rock
	104.6	104.6-156.0m, strong limonitizated altered granodiorite brown clayey, plagioclase pseudomorph remained, calcite network
	113.0	113.0m, olive clay sticky, W=2cm
		121.0-123.0m, white altered aplitic rock
		123.5-123.8m, white altered aplitic rock
	125.0	125.0-125.2m, banded shear zone with cal qtz ars-py
	125.8	125.8m, clay vein, W=1cm
	130.0	130.0m, shear with clay vein of 0.5cm
		136.3-137m, unaltered fng hb-granodiorite
	138.0	138.0m, qtz vein, W=0.5cm
		140.3-142.1m, unaltered granodiorite porphyry part
		142.8m, pyrite concentrate
		147.4-147.7m, W=0.3m white aplite with arsenopyrite veinlets or imp.

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
	7A0641									X
123.0	7A0642	0.04	0.3	0.012	3	0.9	<1.2	<0.3	30	
124.0	7A0643	0.2	0.5	0.009	1.2	0.7	7	<0.3	20	
125.0	7A0644	0.8	0.9	0.009	9	4	30	0.4	50	P.X
125.2	7A0645	0.12	0.2	0.005	4	0.9	9	0.3	40	
126.2	7A0646	0.04	<0.1	0.003	1.2	0.4	<1.2	<0.3	12	
127.2										
140.0	7A0647	0.8	2	0.015	2	0.4	9	0.3	20	
141.0	7A0648	0.012	<0.1	0.002	1.2	0.5	<1.2	<0.3	15	
142.0	7A0649	0.2	0.2	0.009	2	0.5	2	<0.3	15	
143.0	7A0650	2.5	1.2	0.015	2	0.4	40	<0.3	12	
144.0	7A0651	0.6	0.3	0.012	2	0.3	20	<0.3	15	
145.0	7A0652	0.8	0.4	0.012	2	0.7	30	<0.3	15	
146.0	7A0653	1.5	1.5	0.03	2	0.5	50	<0.3	20	
147.0	7A0654	0.4	<0.1	0.0015	3	0.9	15	0.3	15	
148.0	7A0655	0.03	<0.1	0.002	2	0.9	2	0.3	15	
149.0	7A0656	0.7	0.9	0.015	2	0.4	9	0.3	12	
150.0										

GEOLOGIC CORE LOG OF MJKA-7 (4/6)

1/200

MJKA-7 (4/6) 150m ~ 200m

Level 1,920.6m Direction 105°
X 93.5m Inclination -45°
Y 425.0m Length 281.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	151.6	104.6-156.0m, brown strong limonitizated granodiorite
		151.6m, clay v, W=1cm
		153.0-153.2m, py-arsenopy imp.
		154.8m, arsenopy imp.
	156.0	
		156.0-185.1m, white weak altered aplite, pale brown muscovite contained
		156.2m, py conc.
		158.0-159.0m, arsenopyrite veinlets
	160.8	
		160.8m, 3 paralell joints with olive clay film (60)
		165.0m, arsenopyrite imp.
		166.0m, arsenopyrite imp.
		171.6m, py-arsenopyrite veinlet, W=1-2mm
		174.2m, arsenopyrite veinlet, W=1-2mm
	176.4	176.4m, shear, W=5cm
		176.8m, arsenopyrite py veinlet, W=1-2mm (80)
		177.5m, arsenopyrite imp.
	179.0	178.6-178.8m, arsenopyrite imp and veinlets
		179.0m, clay vein, W=2cm (45)
	181.5	181.5m, white clay vein, W=2cm
		From 181.5m biotite being rich a litte
	185.1	
		185.1-187.2m, fng porphyrite
	187.2	
	188.2	187.2-188.2m, pale green aplite, pale brown muscovite contain
		188.2-192.7m, brown limonite altered mdg granodiorite
		191.6m, quartz network
	192.7	192.7m, clay v
		192.7-199.9m, unaltered mdg hb-bio granodiorite
	199.9	

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
150.0	7A0657	0.3	0.12	0.002	1.5	0.7	2	0.3	12	
151.0	7A0658	0.4	0.15	0.005	1.5	0.5	30	0.7	20	
152.0	7A0659	0.12	<0.1	0.002	1.5	0.5	9	0.4	15	
153.0	7A0660	0.6	0.12	0.005	1.5	0.5	20	0.3	20	
154.0	7A0661	0.09	<0.1	0.007	1.5	0.5	7	0.5	20	
155.0	7A0662	0.8	0.7	0.012	2	0.9	40	0.4	40	
156.0	7A0663	0.04	<0.1	0.005	3	0.7	2	0.4	20	
157.0	7A0664	0.015	<0.1	0.004	2	0.9	<1.2	0.3	15	
158.0	7A0665	0.6	<0.1	0.005	3	0.7	30	<0.3	20	
159.0	7A0666	0.02	<0.1	0.005	2	0.7	<1.2	<0.3	30	
160.0	7A0667	0.6	0.9	0.009	4	0.9	20	0.4	30	
161.0	7A0668	0.4	0.9	0.009	1.5	0.7	7	<0.3	30	
162.0	7A0669	0.8	1.2	0.015	2	0.9	9	<0.3	40	
163.0	7A0670	0.15	0.3	0.005	2	0.5	7	0.3	30	
164.0	7A0671	0.04	0.12	0.005	2	0.9	1.2	0.3	70	
165.0	7A0672	0.04	0.2	0.007	1.5	0.9	<1.2	<0.3	30	
166.0	7A0673	0.09	0.9	0.02	1.2	0.9	<1.2	0.4	40	
167.0	7A0674	0.02	<0.1	0.003	2	0.9	1.5	<0.3	50	
168.0	7A0675	0.05	<0.1	0.007	1.5	0.9	<1.2	<0.3	30	
169.0	7A0676	0.03	<0.1	0.003	2	0.9	<1.2	<0.3	12	
170.0	7A0677	0.6	<0.1	0.005	1.5	0.7	3	<0.3	15	
171.0	7A0678	0.8	0.15	0.005	2	0.7	7	<0.3	20	
172.0	7A0679	0.6	0.2	0.005	2	0.9	9	<0.3	30	
173.0	7A0680	0.03	0.15	0.007	1.5	0.7	<1.2	<0.3	30	
174.0	7A0681	0.6	0.2	0.009	2	0.9	5	<0.3	120	
175.0	7A0682	0.2	0.15	0.007	1.5	0.4	3	<0.3	20	
176.0	7A0683	0.7	0.12	0.012	2	0.9	30	<0.3	15	T.P
177.0	7A0684	0.7	0.2	0.012	3	0.9	20	<0.3	30	
178.0	7A0685	0.15	0.2	0.012	1.5	0.7	7	<0.3	30	X
179.0	7A0686	0.5	<0.1	0.009	0.9	0.4	1.2	<0.3	15	
180.0	7A0687	0.8	0.5	0.009	2	0.3	1.2	<0.3	15	
181.0	7A0688	0.6	<0.1	0.012	2	0.5	<1.2	<0.3	20	
182.0	7A0689	0.015	<0.1	0.005	1.5	0.7	<1.2	<0.3	7	
183.0	7A0690	0.012	<0.1	0.005	1.5	0.4	<1.2	<0.3	12	
184.0	7A0772	0.15	<0.1	0.005	1.5	0.3	<1.2	<0.3	9	
185.1	7A0773	0.01	<0.1	0.005	0.9	1.5	1.2	<0.3	12	
186.1	7A0774	0.01	<0.1	0.007	0.9	0.7	4	<0.3	12	
187.2	7A0775	0.15	<0.1	0.005	1.2	0.4	1.2	<0.3	15	
188.2	7A0776	0.3	0.12	0.009	1.5	0.3	3	<0.3	9	
189.2	7A0777	0.9	0.12	0.012	1.2	0.3	2	<0.3	7	
190.2	7A0778	0.7	0.3	0.012	2	0.3	4	<0.3	5	
191.2	7A0779	0.7	0.12	0.009	1.5	0.7	4	<0.3	4	
192.7	7A0780	0.7	<0.1	0.007	1.5	0.3	9	<0.3	7	
193.7	7A0781	0.09	<0.1	0.002	1.5	0.4	3	<0.3	9	
194.7	7A0782	0.12	<0.1	0.005	1.2	0.3	2	<0.3	12	
195.7	7A0783	0.4	<0.1	0.005	1.5	0.4	12	<0.3	15	
196.7	7A0784	0.12	<0.1	0.007	1.2	<0.3	1.5	<0.3	20	
197.7	7A0785	0.8	<0.1	0.005	1.2	0.3	20	<0.3	20	
198.7	7A0786	0.7	<0.1	0.007	1.5	0.7	40	<0.3	9	
199.9										

GEOLOGIC CORE LOG OF MJKA-7 (5/6)

1/200

MJKA-7 (5/6) 200m ~ 250m

Level 1,920.6m Direction 105°
X 93.5m Inclination -45°
Y 425.0m Length 281.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	201.4	199.9-201.4m, lamprophyre, green mineral contained 201.4m, arsenopyrite py veinlet
		201.4-281.0m, mdg unaltered bio-hb granodiorite
		210-212m, pink feldspar contained
	213.5	213.5m, W=10cm, shear with ocher clay
		217-220m, porphyritic texture, pale greenish weak altered
		225.6-226.0m, weak epidotization
		228-232m, porphyritic texture
		228.4-229.1m, chlorite alteration with cal-asp-hematite film of 0.5cm along joint
		231.0-231.6m, weak epidotization
	244.3	244.3m, boundary between granodiorite and granodiorite porphyry (plagioclase phenocryst: 0.5-1cm of length), but same color and same mineral aseembleges
		244.3-250.6m, porphyritic texture

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
199.9										T
201.4	7A0787	0.7	<0.1	0.065	1.2	0.5	50	<0.3	5	
202.4	7A0788	0.7	0.3	0.012	1.2	0.3	20	<0.3	9	
203.4	7A0789	0.7	0.2	0.015	1.5	0.3	12	<0.3	15	
204.4	7A0790	0.2	0.1	0.015	2	0.4	3	<0.3	15	
	7A0791									X

GEOLOGIC CORE LOG OF MJKA-7 (6/6)

1/200

MJKA-7 (6/6) 250m ~ 280m

Level 1,920.6m Direction 105°
X 93.5m Inclination -45°
Y 425.0m Length 281.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		201.4-281.0m, mdg bio hb granodiorite
		253.2-253.7m, chloritization
		253.5-253.9m, porphyritic texyure
	255.4	255.4m, quartz vein, W=0.5cm
		256.5-256.8m, cholritization with arsenopy imp.
	260.0	260.0m, arsenopyrite crystal film of 0.5mm along joint
		263.0-263.7m, chrolitization withh arsenopyrite imp
	263.2	263.2m, cal chl v with arsenopyrite imp. W=1cm
		263.8-2644.2 porphyritic texture
		From 264.0m white albite distinct
		268.8-269.5m, chloritization
		269.5-269.7m, plagioclase phenocryst gathering
	272.7	272.7m, epidote altered vein, W=2cm
	273.8	273.8m, epidote altered vein, W=1cm
		276-281m, porphyritic texture
	281.0	(281.0m, end of drilling)

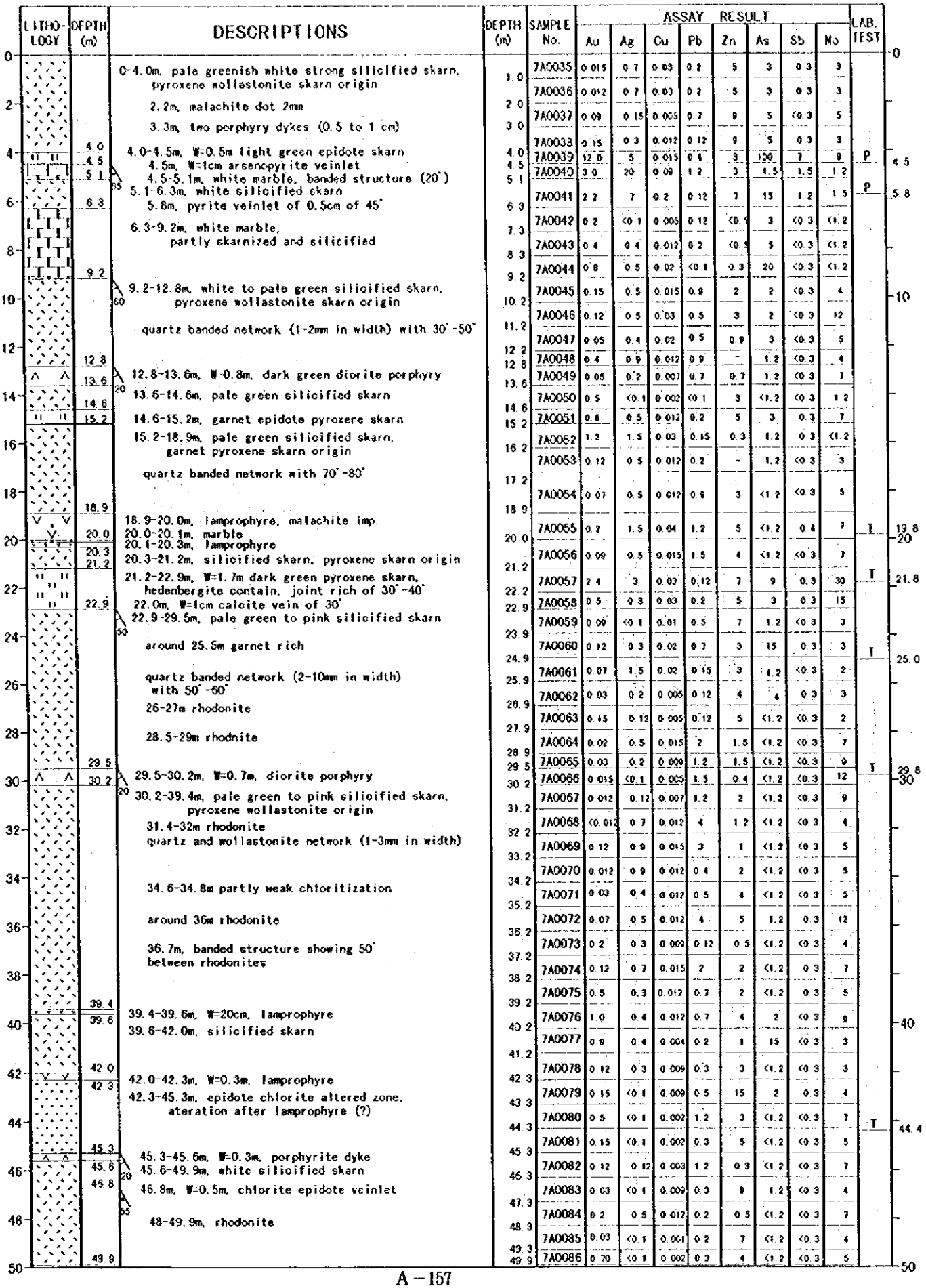
DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST

GEOLOGIC CORE LOG OF MJKA-8 (1/2)

1/200

MJKA-8 (1/2) 0 m ~ 50 m

Level 1,929.8m Direction 105°
X 78.9m Inclination 0°
Y 352.3m Length 101.1m



DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
1.0	7A0035	0.015	0.7	0.03	0.2	5	3	0.3	3	
2.0	7A0036	0.012	0.7	0.03	0.2	5	3	0.3	3	
3.0	7A0037	0.09	0.15	0.005	0.7	9	5	<0.3	5	
4.0	7A0038	0.15	0.3	0.012	0.12	9	5	0.3	3	
4.5	7A0039	12.0	5	0.015	0.4	3	100	7	9	P
5.1	7A0040	3.0	20	0.09	1.2	3	1.5	1.5	1.2	
6.3	7A0041	2.2	7	0.2	0.12	7	15	1.2	1.5	P
7.3	7A0042	0.2	<0.1	0.005	0.12	<0.5	3	<0.3	<1.2	
8.3	7A0043	0.4	0.4	0.012	0.2	<0.5	5	<0.3	<1.2	
9.2	7A0044	0.8	0.5	0.02	<0.1	0.3	20	<0.3	<1.2	
10.2	7A0045	0.15	0.5	0.015	0.9	2	2	<0.3	4	
11.2	7A0046	0.12	0.5	0.03	0.5	3	2	<0.3	12	
12.2	7A0047	0.05	0.4	0.02	0.5	0.9	3	<0.3	5	
12.8	7A0048	0.4	0.9	0.012	0.9	-	1.2	<0.3	4	
13.6	7A0049	0.05	0.2	0.007	0.7	0.7	1.2	<0.3	7	
14.6	7A0050	0.5	<0.1	0.002	<0.1	3	<1.2	<0.3	1.2	
15.2	7A0051	0.6	0.5	0.012	0.2	5	3	0.3	7	
16.2	7A0052	1.2	1.5	0.03	0.15	0.3	1.2	0.3	<1.2	
17.2	7A0053	0.12	0.5	0.012	0.2	-	1.2	<0.3	3	
18.9	7A0054	0.01	0.5	0.012	0.9	3	<1.2	<0.3	5	
20.0	7A0055	0.2	1.5	0.04	1.2	5	<1.2	0.4	7	T
21.2	7A0056	0.09	0.5	0.015	1.5	4	<1.2	<0.3	7	
22.2	7A0057	2.4	3	0.03	0.12	7	9	0.3	30	T
22.9	7A0058	0.5	0.3	0.03	0.2	5	3	0.3	15	
23.9	7A0059	0.09	<0.1	0.01	0.5	7	1.2	<0.3	3	
24.9	7A0060	0.12	0.3	0.02	0.7	3	15	0.3	3	T
25.9	7A0061	0.07	1.5	0.02	0.15	3	1.2	<0.3	2	
26.9	7A0062	0.03	0.2	0.005	0.12	4	4	0.3	3	
27.9	7A0063	0.15	0.12	0.005	0.12	5	<1.2	<0.3	2	
28.9	7A0064	0.02	0.5	0.015	2	1.5	<1.2	<0.3	7	
29.5	7A0065	0.03	0.2	0.009	1.2	1.5	<1.2	<0.3	9	T
30.2	7A0066	0.015	<0.1	0.005	1.5	0.4	<1.2	<0.3	12	
31.2	7A0067	0.012	0.12	0.007	1.2	2	<1.2	<0.3	9	
32.2	7A0068	<0.012	0.7	0.012	4	1.2	<1.2	<0.3	4	
33.2	7A0069	0.12	0.9	0.015	3	1	<1.2	<0.3	5	
34.2	7A0070	0.012	0.9	0.012	0.4	2	<1.2	<0.3	5	
35.2	7A0071	0.03	0.4	0.012	0.5	4	<1.2	<0.3	5	
36.2	7A0072	0.07	0.5	0.012	4	5	1.2	0.3	12	
37.2	7A0073	0.2	0.3	0.009	0.12	0.5	<1.2	<0.3	4	
38.2	7A0074	0.12	0.7	0.015	2	2	<1.2	0.3	7	
39.2	7A0075	0.5	0.3	0.012	0.7	2	<1.2	0.3	5	
40.2	7A0076	1.0	0.4	0.012	0.7	4	2	<0.3	9	
41.2	7A0077	0.9	0.4	0.004	0.2	1	15	<0.3	3	
42.3	7A0078	0.12	0.3	0.009	0.3	3	<1.2	<0.3	3	
43.3	7A0079	0.15	<0.1	0.009	0.5	15	2	0.3	4	
44.3	7A0080	0.5	<0.1	0.002	1.2	3	<1.2	<0.3	7	T
45.3	7A0081	0.15	<0.1	0.002	0.3	5	<1.2	<0.3	5	
46.3	7A0082	0.12	0.12	0.003	1.2	0.3	<1.2	<0.3	7	
47.3	7A0083	0.03	<0.1	0.009	0.3	9	1.2	<0.3	4	
48.3	7A0084	0.2	0.5	0.012	0.2	0.5	<1.2	<0.3	7	
49.3	7A0085	0.03	<0.1	0.001	0.2	7	<1.2	<0.3	4	
49.9	7A0086	0.70	<0.1	0.002	0.2	4	<1.2	<0.3	5	

GEOLOGIC CORE LOG OF MJKA-8 (2/2)

1/200

MJKA--8 (2/2) 50m ~ 101.1m

Level 1,929.8m Direction 105°
X 78.9m Inclination 0°
Y 352.3m Length 101.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	51.2	49.9-51.2m, silicified skarn, pyroxene skarn origin
	52.05	51.2-53.4m, deep green pyroxene skarn 52.05m, malachite chrysocolla veinlet, W=1-1.5cm
	53.4	53.4-66.7m, pale green silicified skarn, strong silicification
	61.3	61.3m, quartz vein W=1-1.5cm
	66.7	66.7-67.8m, pale brown weak silicified marble
	67.8	67.8-75.8m, pale green silicified skarn
		73.4-74m, brecciated marble texture
	75.8	75.8-83.6m, pale brown weak silicified marble, banded structure of 30° composed of limonite veinlets. Mn-oxides predominant
		limonite calcite veinlets with 1mm of 70°-80°
	83.6	83.6-84.3m, brownish shear with clay
	84.3	84.3-101.1m, pale brown silicified marble, with imonite veinlets
		strong limonitization being presumed existance of fracture connected with surface
		91-93m, malachite imp along fracture
	94.3	94.3-94.7m, biotite microdiorite
	94.7	94.7-95m, malachite imp 2%
		96.6m, malachite imp.
		98.0m, malachite imp.
		99.0-99.5m, W=1cm quartz-calcite 4 veins of 60°, malachite imp.
	101.1	(101.1m, end of drilling)

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
49.9	7A0087	0.5	0.5	0.03	0.3	4	<1.2	<0.3	15	
51.2	7A0088	1.2	0.4	0.15	0.2	7	2	<0.3	120	P
52.2	7A0089	1.0	0.7	0.03	<0.1	7	<1.2	<0.3	1.2	
53.4	7A0090	0.8	0.5	0.009	0.15	1.5	<1.2	<0.3	4	
54.4	7A0091	0.3	0.7	0.02	0.3	1.2	<1.2	<0.3	7	
55.4	7A0092	0.09	0.3	0.02	0.12	1.2	<1.2	<0.3	7	
56.4	7A0093	0.15	0.7	0.02	0.15	1.2	<1.2	<0.3	9	
57.4	7A0094	1.1	0.7	0.02	0.15	2	7	<0.3	20	
58.4	7A0095	1.2	0.5	0.009	0.4	5	<1.2	<0.3	50	
59.4	7A0096	0.05	0.9	0.02	0.3	2	<1.2	<0.3	15	
60.4	7A0097	0.03	0.1	0.007	0.12	4	<1.2	<0.3	5	F
61.4	7A0098	0.12	0.3	0.009	0.3	2	<1.2	<0.3	9	
62.4	7A0099	0.3	0.3	0.007	<0.1	5	<1.2	<0.3	4	
63.4	7A0100	0.03	0.7	0.02	0.3	3	<1.2	<0.3	5	
64.4	7A0101	0.03	0.7	0.015	0.4	2	<1.2	<0.3	8	
65.4	7A0102	0.04	1.2	0.03	1.2	2	<1.2	<0.3	9	
66.7	7A0103	0.02	0.5	0.02	<0.1	2	2	0.3	70	
67.8	7A0104	0.04	0.9	0.02	0.15	1.2	<1.2	<0.3	12	
68.8	7A0105	0.03	0.5	0.02	0.12	0.9	<1.2	<0.3	15	
69.8	7A0106	0.05	0.9	0.009	0.12	2	<1.2	<0.3	40	
70.8	7A0107	0.012	0.3	0.005	0.3	2	<1.2	<0.3	7	
71.8	7A0108	0.6	4	0.05	0.3	3	<1.2	0.3	3	
72.8	7A0109	0.04	0.3	0.01	0.3	3	<1.2	<0.3	7	
73.8	7A0110	0.3	0.2	0.01	0.12	2	<1.2	<0.3	12	
74.8	7A0111	0.3	0.7	0.015	0.4	1.2	<1.2	<0.3	7	
75.8	7A0112	0.015	0.9	0.02	2	4	2	<0.3	30	
76.8	7A0113	0.03	0.9	0.02	1.5	2	1.5	<0.3	12	
77.8	7A0114	0.3	1.2	0.015	1	<0.5	5	<0.3	30	
78.8	7A0115	0.04	0.7	0.012	0.7	3	7	<0.3	70	
79.8	7A0116	0.015	0.7	0.012	0.9	3	1.5	<0.3	40	
80.8	7A0117	0.15	0.3	0.012	1.2	2	4	<0.3	50	
81.8	7A0118	0.12	0.9	0.012	1.5	2	2	<0.3	120	
82.8	7A0119	0.05	0.2	0.007	3	1	1.2	<0.3	300	
83.6	7A0120	0.04	0.15	0.015	0.7	2	3	<0.3	150	X
84.3	7A0121	0.015	0.7	0.009	0.2	0.4	4	<0.3	20	
85.3	7A0122	0.07	1.2	0.012	0.2	1.5	5	<0.3	30	
86.3	7A0123	0.09	2	0.12	0.7	2	1.2	<0.3	50	
87.3	7A0124	0.04	1.5	0.015	0.7	0.9	2	<0.3	15	
88.3	7A0125	0.12	1.2	0.04	1.2	1.5	4	<0.3	30	
89.3	7A0126	0.02	0.5	0.02	0.3	1.2	2	<0.3	20	
90.3	7A0127	0.12	0.7	0.02	0.3	0.7	3	<0.3	12	
91.3	7A0128	0.15	2	0.07	1.2	0.5	9	<0.3	40	
92.3	7A0129	0.2	2	0.04	0.4	1.2	1.5	<0.3	20	
93.3	7A0130	0.015	0.9	0.015	1.5	2	<1.2	<0.3	12	
94.3	7A0131	0.04	0.9	0.03	1.2	1.2	1.5	<0.3	20	
95.3	7A0132	0.07	2	0.04	0.3	0.9	1.5	<0.3	20	
96.3	7A0133	0.12	1.2	0.02	0.3	4	4	<0.3	15	
97.3	7A0134	0.12	1.2	0.07	0.7	3	1.2	<0.3	20	
98.3	7A0135	0.15	1.2	0.07	0.3	0.7	1.2	<0.3	30	
99.3	7A0136	0.12	1.2	0.12	0.5	1.5	1.5	<0.3	90	
100.3										
101.1	7A0137	0.09	1.5	0.04	0.7	0.9	1.5	<0.3	40	

GEOLOGIC CORE LOG OF MJKA-9 (1/5)

1/200

MJKA-9 (1/5) 0 m ~ 50 m

Level 1,929.8m Direction 105°
X 78.9m Inclination -55°
Y 352.3m Length 210.2m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	0.8	0-0.8m, detritus with granodiorite pebbles
		0.8-5.9m, granodiorite, hornblende contained, showing partly porphyritic texture
	5.9	5.9-8.8m, pale greenish white silicified skarn, wollastonite skarn origin, breccitaed
		6.3-6.4m, granodiorite injection of 10 angle
		around 7.9m, pale brown garnet
	8.8	8.8-9.2m, greenish white silicified px-skarn
	9.2	9.2-9.3m, light green epidote skarn
	9.3	9.3-10.0m, silicified skarn
		9.7m, pyrite-malachite vein W=1cm
	10.0	10.0-11.0m, silicified skarn with baned st. of 60
	11.0	10.9m, malachite-pyrite vein W=1cm
		11.0-12.9m, garnet wollastonite pyroxene skarn
	12.9	12.9-27.3m, pale green silicified skarn, pyroxene skarn origin, strong silicification, fine pyrite imp.
		around 16.7m arsenopyrite 2*2mm
		18-19m crushed limonitization along crack, weak epidotization
		19.7m molybdenite 3*2mm
		around 20-27m fine pyrite imp., occaionally fine cp imp.
		24-25m limonitization along crack
	27.3	27.3-35.9m, chlorite altered granodiorite, biotitization predominant, partly pyroxene skarnization
		35.5-35.9m, pyroxene skarnization
	35.9	
	36.9	35.9-36.9m, pyroxene skarn, silicification
		36.9-51.6m, pale green silicified skarn, partly biotitization, pyroxene skarn origin
		41.5-45m, biotitization rich (30-60%) pyroxene veinlet cutting biotite rich zone
		45.8-46.2m, chlorite altered granodiorite, biotite and hornblende
		47.8-48.5m, biotitization rich

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	AB. TEST
4.9										
5.9	7A0212	0.09	<0.1	0.007	4	12	12	<0.3	5	
6.9	7A0213	<0.012	<0.1	0.005	12	-	<1.2	<0.3	9	
7.9	7A0214	0.012	0.7	0.015	0.7	7	1.2	<0.3	7	
8.8	7A0215	0.012	0.2	0.015	0.4	3	<1.2	<0.3	7	
10.0	7A0216	0.04	0.3	0.15	0.3	5	<1.2	<0.3	2	
11.0	7A0217	0.012	<0.1	0.03	0.2	<0.5	<1.2	<0.3	2	
12.0	7A0218	0.2	0.7	0.015	0.3	5	1.5	<0.3	1.2	
12.9	7A0219	0.7	0.3	0.012	0.15	7	<1.2	<0.3	1.2	
13.9	7A0220	<0.012	0.5	0.012	0.7	3	1.2	<0.3	5	
14.9	7A0221	0.03	0.3	0.02	0.5	2	1.2	<0.3	9	
15.9	7A0222	0.012	0.5	0.015	1.5	2	<1.2	<0.3	9	
16.9	7A0223	0.09	0.9	0.015	1	3	1.2	<0.3	12	
17.9	7A0224	0.07	0.5	0.015	1.2	1.5	<1.2	<0.3	15	
18.9	7A0225	0.7	0.7	0.012	1.2	1.2	1.5	<0.3	7	
19.9	7A0226	0.2	0.5	0.012	0.7	1.2	1.2	<0.3	9	
20.9	7A0227	0.15	1.2	0.03	3	2	1.2	<0.3	20	1
21.9	7A0228	0.15	0.9	0.015	0.9	1.5	<1.2	<0.3	20	
22.9	7A0229	0.15	1.2	0.02	2	1.5	<1.2	<0.3	12	
23.9	7A0230	0.07	1.2	0.03	1.5	0.9	1.2	<0.3	9	
24.9	7A0231	0.4	1.2	0.03	1.5	1.5	1.5	<0.3	15	
25.9	7A0232	0.012	1.5	0.04	1.5	2	1.2	<0.3	15	
27.3	7A0233	0.012	0.9	0.02	1.5	0.4	<1.2	<0.3	20	
28.3	7A0234	0.4	1.2	0.04	1.5	2	<1.2	<0.3	30	
34.9										
35.9	7A0235	0.5	2.0	0.07	1.5	1.2	<1.2	<0.3	40	
36.9	7A0236	0.5	0.4	0.012	1.2	3	<1.2	<0.3	9	
37.9	7A0237	0.02	0.5	0.015	1.2	2	<1.2	<0.3	7	
38.9	7A0238	0.07	0.5	0.015	2	4	<1.2	<0.3	7	
39.9	7A0239	0.4	<0.1	0.009	1.2	-	<1.2	<0.3	7	
40.9	7A0240	0.015	0.7	0.02	1.2	3	1.2	<0.3	9	
41.9	7A0241	0.12	0.5	0.07	1.5	4	1.2	<0.3	9	
42.9	7A0242	0.15	0.5	0.03	1.2	1.3	<1.2	<0.3	20	
43.9	7A0243	0.012	0.2	0.012	1.2	1.2	<1.2	<0.3	12	
44.9	7A0244	0.15	0.7	0.02	1.2	1.5	<1.2	<0.3	15	
45.9	7A0245	0.04	0.3	0.009	1.5	1.5	<1.2	<0.3	12	
46.9	7A0246	0.5	0.3	0.012	1.2	3	2	<0.3	9	
47.9	7A0247	0.012	0.15	0.009	1.5	3	<1.2	<0.3	7	
48.9	7A0248	0.07	0.5	0.015	1.5	1.5	<1.2	<0.3	20	
49.9	7A0249	0.15	0.4	0.03	1.5	2	<1.2	<0.3	20	

GEOLOGIC CORE LOG OF MJKA-9 (2/5)

1/200

Level 1,929.8m Direction 105°
X 78.9m Inclination -55°
Y 352.3m Length 210.2m

MJKA-9 (2/5) 50m ~ 100m

DEPTH (m)	DESCRIPTIONS
51.6	36.9-51.6m, pale green to brown silicified skarn
54.0	51.6-54.0m, W=2.4m, pyroxene wollastonite skarn around 52.2m, pale brown garnet 5*5mm grain
57.8	54.0-71.4m, W=17.4m, pyroxene skarn, partly silicification, micropyritization
60.0	57.8m, calcite vein W=1cm
64.5	59.8-60.2m, wollastonite rich
64.8	60.0m, pyrite quartz-calcite vein, W=4-5cm
66.9	63.8-64.8m, wollastonite rich
68.9	64.4m, 3 quartz veins, W=0.5cm
71.4	64.8m, calcite vein, W=0.5cm
73.4	64.9-66m, wollastonite rich
73.8	66.9m, pyrite quartz vein, W=1cm
74.0	66.9-67.5m, pyrite imp.
75.0	68.9m, quartz vein, W=0.5-1cm
76.1	71.4-73.4m, limonitizated granodiorite
78.1	73.4-73.8m, W=0.4m, pyroxene skarn
85.1	73.8-74.0m, marble, fresh
86.4	74.0-75.0m, yellow ochre epidote skarn, lamprophyre origin
94.3	75.0-76.1m, lamprophyre, plagioclase phenocryst remained
95.5	76.1-78.1m, yellow ochre epidote skarn, weak limonitization lamprophyre origin, porphyritic texture remained
96.4	78.1-85.1m, granodiorite, biotitization
97.0	85.1-86.4m, pyroxene skarn, pyirite chalcopyrite imp.
98.1	86.4-94.3m, granodiorite, biotite hornblende, crushed core
	94.3-95.5m, pale green aplite
	95.5-96.4m, granodiorite, chloritization and partly serpentization
	96.4-97.0m, pale green aplite
	97.0-135.2m, brownish altered marble, becciated structure, limonite network developed
	98.1m, calcite vein W=1cm

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
50.9	7A0250	0.012	0.9	0.015	1.5	3	<1.2	<0.3	20	
51.6	7A0251	0.12	0.3	0.015	0.4	5	<1.2	<0.3	12	
52.6	7A0252	0.012	<0.1	0.003	0.15	12	<1.2	<0.3	1.2	
	7A0253	0.05	<0.1	0.005	1.5	20	1.2	<0.3	3	
54.0	7A0254	0.8	0.3	0.007	3	3	<1.2	<0.3	9	
55.0	7A0255	0.012	0.9	0.015	5	4	<1.2	<0.3	20	
56.0	7A0256	0.012	0.5	0.012	1.5	3	<1.2	<0.3	12	
57.0	7A0257	0.03	0.15	0.003	0.9	5	<1.2	<0.3	12	
58.0	7A0258	0.09	0.4	0.015	1.2	7	<1.2	<0.3	30	
59.0	7A0259	0.12	1.2	0.02	2	4	<1.2	<0.3	15	P, F
60.0	7A0260	1.0	0.15	0.012	0.9	12	<1.2	<0.3	9	
61.0	7A0261	0.7	0.3	0.012	1.2	12	<1.2	<0.3	5	
62.0	7A0262	1.0	0.3	0.015	1.2	9	1.2	<0.3	12	
63.0	7A0263	0.12	<0.1	0.009	0.7	20	<1.2	<0.3	3	
64.0	7A0264	0.07	<0.1	0.004	0.7	9	<1.2	<0.3	1.5	
65.0	7A0265	0.012	<0.1	0.004	1.2	9	<1.2	<0.3	2	
66.0	7A0266	0.12	0.3	0.015	1.2	1.2	<1.2	<0.3	7	
67.0	7A0267	1.2	20	0.5	2	12	1.2	<0.3	7	
68.0	7A0268	0.8	1.5	0.12	0.9	12	1.2	<0.3	3	
69.0	7A0269	0.2	0.7	0.03	0.7	12	<1.2	<0.3	2	
70.0	7A0270	0.4	0.7	0.03	1.2	12	2	<0.3	7	
71.4	7A0271	0.12	0.2	0.012	2	2	2	<0.3	20	
72.4	7A0272	0.015	0.12	0.007	1.5	2	1.5	<0.3	15	
73.4	7A0273	21.2	1.2	0.003	0.7	7	1.5	<0.3	4	
73.8										
74.0	7A0274	0.12	<0.1	0.007	0.9	0.7	1.5	<0.3	40	
75.0	7A0275	0.012	<0.1	0.007	2	1.5	<1.2	<0.3	3	
76.1	7A0276	1.0	0.2	0.009	3	3	1.2	<0.3	9	
77.1	7A0277	1.8	0.15	0.007	3	2	2	<0.3	20	
78.1	7A0278	0.5	0.12	0.005	3	2	1.2	<0.3	15	
79.1										
84.1	7A0279	0.12	1.5	0.07	0.7	1.5	1.2	<0.3	15	T
85.1	7A0280	2.0	1.2	0.03	1.2	4	3	<0.3	9	P
86.4	7A0281	0.03	0.2	0.007	1.5	2	1.2	<0.3	9	
87.4										

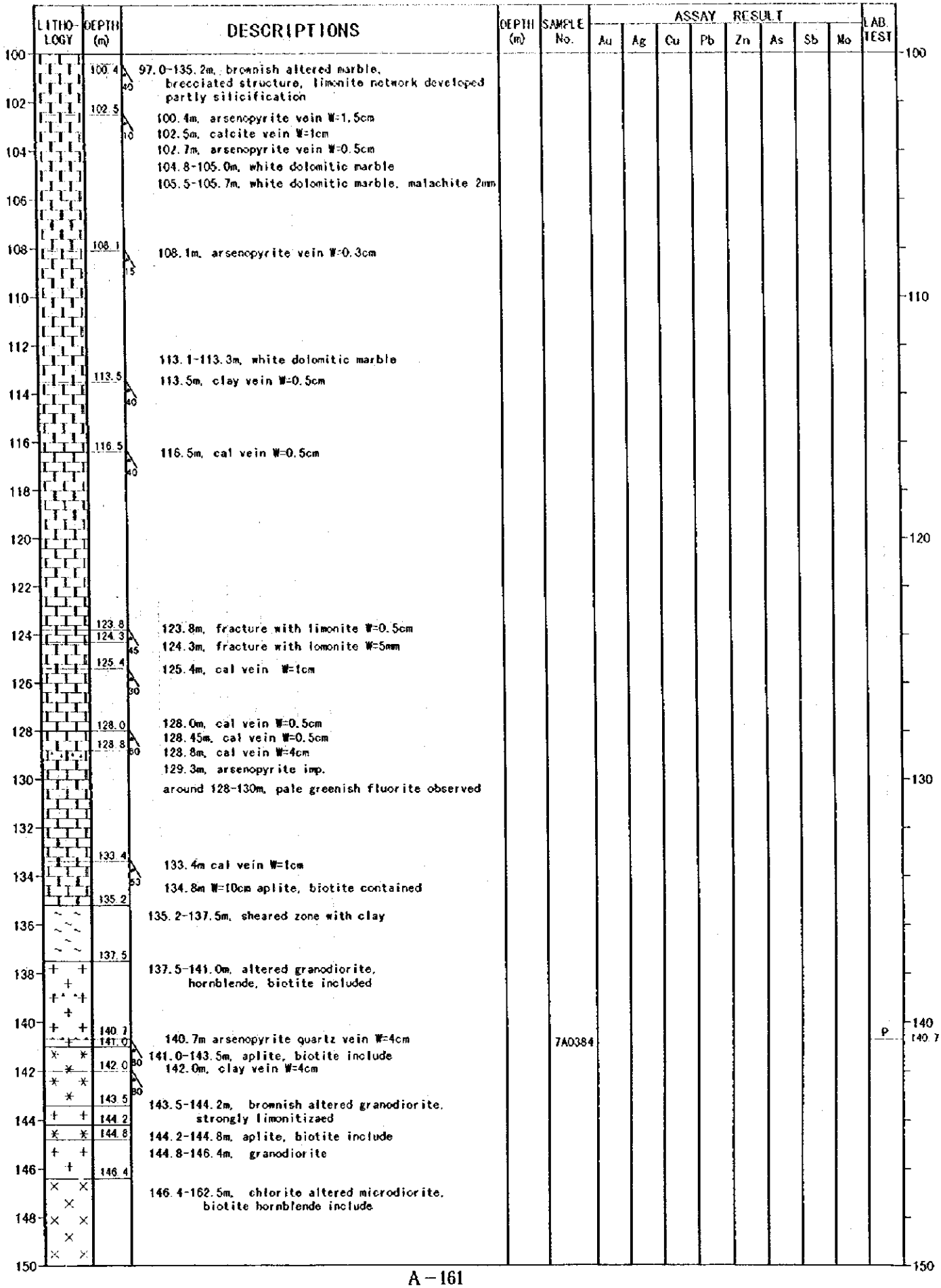
84.6
85.3

GEOLOGIC CORE LOG OF MJKA-9 (3/5)

1/200

Level 1,929.8m Direction 105°
X 78.9m Inclination -55°
Y 352.3m Length 210.2m

MJKA-9 (3/5) 100m ~ 150m

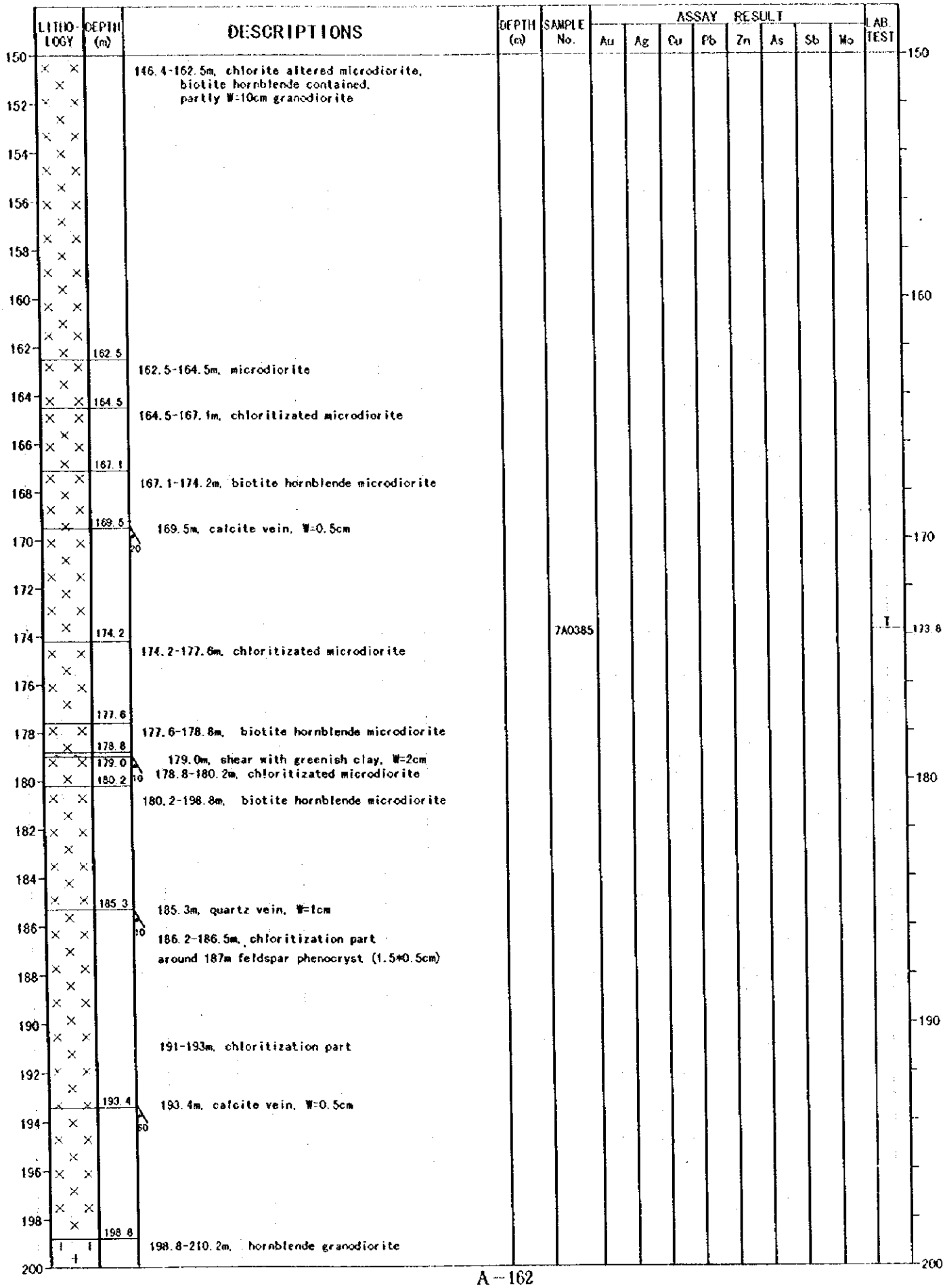


GEOLOGIC CORE LOG OF MJKA--9 (4/5)

1/200

MJKA--9 (4/5) 150m ~ 200m

Level 1,929.8m Direction 105°
X 78.9m Inclination -55°
Y 352.3m Length 210.2m



GEOLOGIC CORE LOG OF MJKA-9 (5/5)

1/200

MJKA－9 (5／5) 200m ～ 210m

Level 1,929.8m Direction 105°
X 78.9m Inclination -55°
Y 352.3m Length 210.2m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		198.8-210.2m, porphyritic hornblende granodiorite, plagioclase rich 200.5-210.2m limonitization along joints, crushed along joints											
	210.2	(210.2m, end of drilling)											

GEOLOGIC CORE LOG OF MJKA-10 (1/3)

1/200

MJKA-10 (1/3) 0 m ~ 50 m

Level 1,930.7m Direction 105°
X 52.0m Inclination 0°
Y 286.3m Length 111.9m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	8.0	0-8.0m, dark brown to green silicified skarn strong crushed
	13.5	8.0-13.5m, altered granodiorite, biotitization rich
	14.4	13.5-13.6m, W=0.1m pyroxene skarn
	15.2	13.6-14.4m, altered granodiorite
	15.5	14.4-15.5m, W=1.1m pyroxene skarn
	18.3	15.2m, W=0.1m shear with quartz pyrite veinlet
	19.0	15.5-18.3m, silicified skarn
	20.0	16.4m, calcite vein 0.2cm
	20.8	17.0m joint 60°, 18.2m joint 30°
	21.4	18.3-19.0m, W=0.7m pyroxene skarn
	24.7	19.0-20.0m, silicified skarn
	34.2	20.0-36.5m, W=16.5m pyroxene skarn
	36.5	20.35m, banding structure with 70°
	44.1	20.8m, calcite pyrite vein W=2cm
	46.15	21.4m, 25°, calcite vein W=1cm
	49.15	22.0m, py-cp spot 2X2cm
		24.5m, py spot, 24.5-24.7m py imp.
		24.7m, calcite vein W=1cm
		around 25m, py imp. bornite (?) imp.
		around 27m, cp py imp.
		28-30m, epidote pyroxene skarn, limonitization, quartz contained
		34.2m, calcite vein W=0.6cm
		36-36.5m, calcite veinlet W=2-3mm of 30°-35°
		36.5-44.1m, pale greenish white wollastonite skarn, pyroxene contained
		42m, banded structure of pyroxene veinlet
		44.1-46.15m, pyroxene skarn, fine pyrite imp.
		46.15-49.15, pale greenish white silicified skarn, wollastonite contained, fine pyrite imp.
		47-49m, banded structure of pyroxene veinlet
		49.15-50.15m, wollastonite skarn

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
0.0	7A0001	0.15	3	0.03	1.5	3	1.2	<0.3	9	
1.0	7A0002	<0.012	0.7	0.003	0.9	2	1.2	<0.3	15	
2.0	7A0003	0.03	1.2	0.02	0.9	2	1.5	<0.3	7	
3.0	7A0004	0.09	0.5	0.003	1.5	1.5	1.2	<0.3	9	
4.0	7A0005	0.05	0.9	0.003	1.5	1.2	1.5	0.3	12	
5.0	7A0006	0.05	0.9	0.02	1.5	1.5	1.2	<0.3	9	
6.0	7A0007	0.15	0.9	0.02	1.5	1.5	3	0.3	20	
7.0	7A0008	0.12	0.5	0.015	1.5	0.9	2	<0.3	20	
8.0	7A0009	0.2	1.5	0.03	2	0.9	<1.2	<0.3	30	
9.0										
13.5										
14.4	7A0010	0.12	0.9	0.02	3	1.2	<1.2	<0.3	9	
15.5	7A0011	0.04	1.2	0.02	0.5	3	2	0.4	15	
16.5	7A0012	0.05	0.5	0.012	0.7	1.5	2	<0.3	20	
17.5	7A0013	0.40	0.9	0.02	0.9	2	<1.2	0.3	7	
18.3	7A0014	0.15	1.5	0.03	3	1.5	1.2	<0.3	9	
19.0	7A0015	0.20	0.7	0.007	0.12	2	<1.2	0.3	7	
20.0	7A0016	0.05	0.7	0.009	0.4	2	1.2	0.3	7	
20.8	7A0017	0.30	0.9	0.03	0.3	4	1.2	0.3	7	P
21.4	7A0018	0.40	0.7	0.02	0.3	4	<1.2	<0.3	9	E
22.0	7A0019	0.15	0.2	0.01	0.4	4	<1.2	0.3	5	
23.0	7A0020	0.40	0.5	0.03	0.12	5	<1.2	0.3	1.2	T
24.0	7A0021	0.60	1.5	0.09	0.12	5	<1.2	0.4	3	
25.0	7A0022	1.10	12	0.09	0.2	5	<1.2	0.3	1.5	P
25.6	7A0023	0.80	<0.1	0.007	0.15	9	1.5	<0.3	4	
26.0	7A0024	1.00	2	0.15	0.15	9	4	0.3	3	
27.0	7A0025	0.60	0.9	0.07	0.12	7	1.2	0.3	2	
28.0	7A0026	1.20	15	0.4	0.12	12	3	0.4	7	
29.0	7A0027	0.80	2	0.07	0.12	12	3	0.3	4	
30.0	7A0028	1.2	2	0.2	1.5	15	3	0.7	7	
31.0	7A0029	0.8	0.5	0.05	0.3	12	1.2	0.3	2	
32.0	7A0030	0.15	<0.1	0.012	0.12	5	1.2	0.3	<1.2	
33.0	7A0031	1.00	0.4	0.015	0.2	12	3	0.3	4	
34.0	7A0032	1.00	0.5	0.02	0.3	12	15	0.3	20	
35.0	7A0033	2.30	0.9	0.12	0.15	12	5	0.3	3	
36.0	7A0034	0.04	0.3	0.01	0.2	4	1.2	<0.3	2	
36.5	7A0138	<0.012	<0.1	0.012	0.3	7	<1.2	<0.3	15	
37.5	7A0139	<0.012	<0.1	0.02	0.4	7	<1.2	<0.3	9	
38.5	7A0140	<0.012	0.15	0.009	0.9	5	<1.2	<0.3	7	
39.5	7A0141	0.012	<0.1	0.005	0.4	5	<1.2	<0.3	3	
40.5	7A0142	<0.012	<0.1	0.005	0.2	4	<1.2	<0.3	4	T
41.5	7A0143	0.012	<0.1	0.002	0.9	5	<1.2	<0.3	4	
41.7	7A0144	0.05	<0.1	0.01	0.3	9	1.2	<0.3	2	
42.5	7A0145	0.3	<0.1	0.009	0.3	7	1.2	<0.3	7	
43.5	7A0146	0.012	<0.1	0.012	0.15	3	<1.2	<0.3	3	
44.1	7A0147	0.15	0.4	0.015	0.7	3	<1.2	<0.3	7	
45.1	7A0148	0.05	0.3	0.012	1.2	0.7	<1.2	<0.3	30	
46.15	7A0149	0.012	0.5	0.015	2	1.2	<1.2	<0.3	40	
47.15	7A0150	0.012	0.7	0.012	0.5	3	<1.2	<0.3	5	
48.15										
49.15										

GEOLOGIC CORE LOG OF MJKA-10 (2/3) 1/200

MJKA-10 (2/3) 50m ~ 100m

Level 1,930.7m Direction 105°
X 52.0m Inclination 0°
Y 286.3m Length 111.9m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	50.15	50.15-53.5m, pale greenish white silicified skarn, wollastonite included, banded structure of pyroxene veinlet
	53.5	53.5-55.0m, silicified pyroxene-wollastonite skarn
	55.0	55.0-56.6m, pyroxene wollastonite skarn
	56.6	56.6-56.95m, pyroxene skarn
	56.95	56.95-57.95m, pyroxene wollastonite skarn
	57.95	57.95-58.5m, silicified epidote skarn
	58.5	58.5-62.5m, weak silicified pyroxene wollastonite skarn
	60.5	60.5m, W=2cm epidote vein
	62.5	around 62m, malachite cp py imp.
		62.5-68.4m, pale green silicified skarn, strong silicification, pyroxene skarn origin
	67.7	67.7m, W=1-0.5cm quartz vein
	68.4	around 68m, py imp.
	68.8	68.4-68.8m, epidote skarn
	69.8	68.8-89.8m, pale green silicified skarn
		69.5-69.8m, W=30cm pyroxene wollastonite skarn
		69.8m, W=1cm quartz-calcite epidote vein
	73.5	73.5-75.0m, W=1.5m druse ?, because of non-recovery of core
	75.0	76.0-80.1m strong crushed, fracture developed
		80.1-82.9m, limonitization
		80.3m banded structure of 30° of limonitization
		81.7-89m, strong crushed along fracture
	88.0	88.0m W=0.5cm, calcite vein
	89.8	89.8-111.9m, brown weak silicified marble, limonitization
	97.8	97.8m calcite vein, W=1cm
	98.1	98.1m, quartz vein W=1cm
		96.5-98.2m, malachite imp.

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB TEST
50.15	7A0151	0.012	0.3	0.012	0.8	2	<1.2	<0.3	8	
51.15	7A0152	<0.012	0.5	0.012	1.2	2	<1.2	<0.3	8	
52.15	7A0153	0.02	0.3	0.012	0.8	2	<1.2	<0.3	15	
53.5	7A0154	0.03	0.7	0.012	1.2	4	<1.2	<0.3	7	
55.0	7A0155	0.02	0.3	0.009	0.7	5	<1.2	<0.3	12	
56.0	7A0156	<0.012	<0.1	0.003	0.7	15	<1.2	<0.3	5	
56.95	7A0157	0.012	<0.1	0.007	0.7	5	<1.2	<0.3	7	
57.95	7A0158	0.012	0.4	0.05	0.12	12	3	<0.3	7	
58.5	7A0159	0.012	<0.1	0.005	0.5	5	<1.2	<0.3	12	
59.5	7A0160	0.012	<0.1	0.005	0.3	1.5	<1.2	<0.3	8	
60.5	7A0161	0.012	0.2	0.012	0.4	8	<1.2	3	15	
61.5	7A0162	0.012	0.15	0.002	0.8	3	<1.2	<0.3	7	
62.5	7A0163	0.012	0.2	0.009	1.5	5	<1.2	<0.3	20	
63.5	7A0164	<0.012	0.15	0.015	1.2	7	<1.2	<0.3	7	
64.5	7A0165	0.012	0.15	0.008	0.3	3	<1.2	<0.3	20	
65.5	7A0166	0.012	0.12	0.009	1.5	4	<1.2	<0.3	80	
66.5	7A0167	0.03	0.15	0.012	0.7	3	<1.2	<0.3	20	
67.5	7A0168	0.07	0.7	0.02	1.5	8	1.2	<0.3	30	
68.4	7A0169	0.15	<0.1	0.005	1.5	1	<1.2	<0.3	7	
68.8	7A0170	0.3	0.2	0.005	0.2	9	<1.2	<0.3	12	
69.8	7A0171	0.015	0.2	0.015	2	5	<1.2	<0.3	12	
70.8	7A0172	0.015	0.4	0.008	0.8	2	<1.2	<0.3	7	
71.8	7A0173	0.07	0.7	0.012	1.5	2	<1.2	<0.3	7	
72.8	7A0174	0.12	0.8	0.02	0.7	3	<1.2	<0.3	5	
73.5										
75.0	7A0175	0.05	0.7	0.015	0.4	2	<1.2	<0.3	7	
76.0	7A0176	0.03	0.8	0.015	0.4	2	<1.2	<0.3	7	
77.0	7A0177	0.05	1.2	0.015	2	2	<1.2	<0.3	15	
78.0	7A0178	0.15	2	0.05	0.4	2	<1.2	<0.3	30	
79.0	7A0179	0.15	1.5	0.04	0.7	2	1.2	<0.3	20	
80.0	7A0180	0.012	0.7	0.012	0.8	1.5	<1.2	<0.3	7	
81.0	7A0181	0.04	0.4	0.007	2	3	<1.2	<0.3	12	
82.0	7A0182	0.03	0.8	0.009	0.3	2	<1.2	<0.3	20	
83.0	7A0183	0.12	0.7	0.015	0.5	2	<1.2	<0.3	8	
84.0	7A0184	0.012	1.5	0.04	0.5	4	<1.2	<0.3	12	
85.0	7A0185	0.04	0.8	0.02	1.5	1.5	<1.2	<0.3	30	
86.0	7A0186	0.05	1.2	0.03	1.2	0.5	1.2	<0.3	15	
87.0	7A0187	0.07	1.5	0.07	0.8	0.5	2	<0.3	12	
88.0	7A0188	0.02	1.2	0.03	0.5	4	<1.2	<0.3	7	
89.0	7A0189	0.07	0.7	0.015	1.2	4	1.2	<0.3	70	
89.8	7A0190	0.4	4	0.012	<0.1	1.2	4	<0.3	8	
90.8	7A0191	0.2	5	0.009	<0.1	0.5	2	0.5	7	
91.8	7A0192	0.3	3	0.03	0.2	1.2	15	1.2	30	
92.8	7A0193	0.09	2	0.03	0.12	0.5	2	0.4	15	
93.8	7A0194	0.03	0.7	0.012	0.12	1.5	2	0.4	30	
94.8	7A0195	0.07	1.5	0.03	0.3	0.4	2	0.5	20	
95.8	7A0196	0.01	2	0.02	<0.1	0.5	2	1.5	8	
96.8	7A0197	0.8	3	0.4	0.5	1.2	8	1.2	15	
97.8	7A0198	0.15	1.5	0.09	0.5	5	4	0.8	120	
98.8	7A0199	0.05	0.8	0.07	0.3	1.2	1.2	0.3	40	
99.8										

GEOLOGIC CORE LOG OF MJKA-10 (3/3) 1/200

MJKA-10 (3/3) 100m ~ 112m

Level 1,930.7m Direction 105°
X 52.0m Inclination 0°
Y 286.3m Length 111.9m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		89.8-111.9m, brown weak silicified marble, limonitization	100.8	7A0200	0.012	0.9	0.015	0.15	0.5	1.2	<0.3	20	
			101.8	7A0201	0.07	0.9	0.03	0.3	2	1.2	<0.3	15	
		98.5-111.74m, strong crushed	102.8	7A0202	0.04	1.5	0.02	0.3	1.2	1.2	<0.3	9	
			103.8	7A0203	0.02	1.2	0.02	0.3	1.5	1.2	<0.3	15	
			104.8	7A0204	0.012	1.2	0.03	0.2	2	1.5	<0.3	30	
			105.8	7A0205	0.07	1.5	0.09	0.9	0.7	1.5	<0.3	40	
			106.8	7A0206	0.15	1.5	0.04	0.7	0.7	1.2	<0.3	70	
			107.8	7A0207	0.05	2	0.03	0.3	0.7	7	<0.3	42	
			108.8	7A0208	0.02	0.9	0.012	0.12	<0.5	<1.2	<0.3	7	
			109.8	7A0209	0.012	1.2	0.03	0.15	0.7	<1.2	<0.3	12	
		around 110m malachite imp.	110.8	7A0210	0.03	1.5	0.12	0.3	1.2	1.2	<0.3	30	
	111.9	(111.9m, end of drilling)	111.9	7A0211	0.02	1.5	0.03	0.4	1.2	1.2	<0.3	20	

GEOLOGIC CORE LOG OF MJKA-11 (1/5) 1/200

Level 1,930.7m Direction 105°
X 52.0m Inclination -45°
Y 286.3m Length 204.9m

MJKA-11 (1/6) 0m ~ 50m

DEPTH (m)	DESCRIPTIONS
0	0-0.5m, detritus
	0.5-10.4m, pale green silicified skarn, strong silicification, limonitization pyroxene skarn origin, fine pyrite imp.
10.4	
10.5	10.4-10.5m, W=10cm pyroxene skarn
11.7	10.5-12.4m, pale green silicified skarn
12.4	11.7m, quartz vein, W=5cm
13.0	12.4-13.0m, W=60cm pyroxene skarn, limonite along joint of 20-40
	13.0-27.9m, pale green to brownish silicified skarn, pyroxene skarn origin
	around 16.3m, banded structure of 60, showing injection of silicification
	around 19m, banded structure of 60-30
19.5	19.5-19.9m, quartz veins with pyrite and arsenopyrite, W=0.5-1cm
27.9	
28	27.9-29.4m, shear zone wiyh yellowish gray clay vein
29.4	28.5-29.4m, W=90cm non-core
30	29.4-32.8m chlorite altered granodiorite, limonitization
32.8	31.55-31.9m, W=40cm non-core
34	32.8-54.0m, pale green to brownish silicified skarn, pyroxene skarn origin, brecciated structure, strong silicification, pyroxene veinlets (35.9)
38	38-40m, biotitization rich
40	40.4m, pyroxene skarn spot 10*10cm
42	43-45m, wollastonite veinlete along joints
44	44-50m, banded structure of 80
47.0	47.0m, calcite vein W=1.5-2cm, pyrite imp.
48	48-52m, limonitization along joints and cracks
49.3	49.3m, quartz vein W=2cm
50	

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
0.5	7A0282	0.015	0.7	0.015	2	2	1.2	<0.3	7	
1.0	7A0283	0.02	0.3	0.012	0.7	2	<1.2	<0.3	5	
2.0	7A0284	0.03	0.5	0.015	1.5	1.5	<1.2	<0.3	9	
3.0	7A0285	0.03	1.2	0.03	1.2	3	<1.2	<0.3	30	
4.0	7A0286	0.2	0.4	0.02	0.3	0.3	<1.2	<0.3	9	
5.0	7A0287	0.02	0.7	0.02	3	2	<1.2	<0.3	9	
6.0	7A0288	0.012	0.2	0.012	0.9	1.5	<1.2	<0.3	5	
7.0	7A0289	0.07	0.4	0.015	1.2	1.5	<1.2	<0.3	5	
8.0	7A0290	0.04	0.2	0.015	1.2	2	<1.2	<0.3	7	
9.0	7A0291	0.04	0.7	0.02	1.5	2	<1.2	<0.3	12	
10.0	7A0292	0.012	<0.1	0.007	0.7	2	1.2	<0.3	9	
11.0	7A0293	0.12	0.7	0.015	1.2	3	<1.2	<0.3	7	
12.4										
13.0	7A0294	<0.012	0.2	0.012	0.7	4	1.2	<0.3	7	
	7A0295	0.015	0.9	0.03	3	2	1.2	<0.3	7	
14.0	7A0296	0.012	0.9	0.015	4	4	1.2	<0.3	9	
15.0	7A0297	0.012	0.5	0.015	2	2	1.2	<0.3	12	
16.0	7A0298	0.02	0.5	0.02	3	1.2	<1.2	<0.3	9	
17.0	7A0299	0.015	0.4	0.015	2	2	<1.2	<0.3	7	
18.0	7A0300	0.015	0.15	0.012	1.2	0.4	<1.2	<0.3	5	
19.0	7A0301	0.12	0.3	0.012	0.7	1.5	<1.2	<0.3	300	
20.0	7A0302	0.015	0.5	0.015	2	1.5	1.2	<0.3	40	
21.0	7A0303	0.02	0.7	0.02	1.2	1.5	<1.2	<0.3	9	
22.0	7A0304	0.2	1.2	0.04	1.5	1.5	<1.2	<0.3	9	
23.0	7A0305	0.07	0.9	0.02	2	1.2	<1.2	<0.3	15	
24.0	7A0306	0.02	0.4	0.015	1.5	1.2	<1.2	<0.3	9	
25.0	7A0307	0.02	0.2	0.012	1.5	1.2	<1.2	<0.3	9	
26.0	7A0308	0.15	0.9	0.03	1.5	1.5	<1.2	<0.3	12	
27.0	7A0309	0.3	0.9	0.03	1.5	1.5	<1.2	<0.3	9	X
27.9	7A0386									
31.8	7A0310	0.3	0.7	0.015	0.5	0.3	<1.2	<0.3	40	
32.8	7A0311	0.2	0.3	0.012	1.2	0.3	<1.2	<0.3	30	
33.8	7A0312	0.15	0.4	0.015	0.4	0.3	<1.2	<0.3	50	
34.8	7A0313	0.2	0.2	0.012	0.4	0.9	<1.2	<0.3	9	
35.8	7A0314	0.12	0.5	0.012	2	1.5	1.2	<0.3	9	
36.8	7A0315	0.6	0.15	0.007	0.9	1.2	<1.2	<0.3	15	
37.8	7A0316	0.07	0.3	0.012	0.5	1.2	2	<0.3	7	
38.8	7A0317	0.03	0.3	0.012	2	3	<1.2	<0.3	20	
39.8	7A0318	0.3	0.2	0.009	1.2	2	<1.2	<0.3	12	
40.8	7A0319	0.05	0.4	0.02	1.5	2	<1.2	<0.3	50	
41.8	7A0320	0.3	0.3	0.012	0.3	1.5	3	<0.3	9	
42.8	7A0321	0.07	0.12	0.005	0.2	1.2	<1.2	<0.3	12	
43.8	7A0322	0.5	0.7	0.015	1.5	3	20	<0.3	12	
44.8	7A0323	0.15	0.3	0.012	0.7	1.5	7	<0.3	9	
45.8	7A0324	0.07	0.4	0.005	<0.1	0.9	1.5	<0.3	7	
46.8	7A0325	0.5	0.3	0.007	0.3	1.5	1.2	<0.3	15	
47.8	7A0326	0.015	0.4	0.012	0.5	1.2	12	<0.3	9	
48.8	7A0327	0.12	0.3	0.005	0.2	0.9	1.2	<0.3	40	F
49.8										

GEOLOGIC CORE LOG OF MJKA-11 (2/5) 1/200

MJKA-11 (2/5) 50m ~ 100m

Level 1,930.7m Direction 105°
X 52.0m Inclination -45°
Y 286.3m Length 204.9m

DEPTH (m)	DESCRIPTIONS
50	
51.6	32.8-54.0m, pale green to brown silicified skarn
52	51.6m, quartz vein, W=2cm
52.0	52.0m, quartz vein, W=1cm
	53.2m, and 53.5m each W=10cm pyroxene skarn remain
54.0	
54	54.0-57.7m, dark gray granodioritic porphyry, biotite, hornblede, plagioclase rich, phenocryst of plagioclase max. 0.5*1cm
56	
57.7	(57.7m)
58	57.7-59.1m, pale green silicified skarn
59.1	
60	59.1-62.1m, pale green to brown aplitic rock, limonite network
62.1	62.1m, gray olive clay v, W=2-3cm
	62.1-64.6m, pinkish aplitic rock, limonite network
64	64.1m, gray clay v, W=1cm
64.6	
66	64.6-73.4m, aplitic rock, limonite calcite network
66.4	66.4m, olive clay v, sticky, W=2cm
66.6	66.8m, olive clay v, W=4cm
67.4	67.2m, olive clay v, sticky, W=2cm
68	67.4m, olive clay v, sticky, W=2cm
70	
72	
73.4	
74	73.4-78.0m, gray mdg bio-granodiorite
76	
78.0	
78	78.0-78.4m, chlorite pyroxene skarnized rock
78.4	78.4-80.0m, pyroxene skarn, 78.4-78.5m py conc.
80.0	
80	80.0-82.8m, chlorite pyroxene skarnized rock
82	
82.8	
84	82.8-86.0m, W=3.2m, olive sticky clay
86.0	
86	86.0-94.1m, fng hb-bio granodiorite
88	
90	
91.05	91.05m, clay with weathered granodiorite, W=5cm
92	
94.1	
94	94.1-97.1m, W=3.0m, yellow ochre yellow sticky clay with limonitizatied granodiorite pebbles
96	
97.1	
98	97.1-100.2m, limonitied aplite, 98-99m, arsenopyrite imp.
100	

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
50.8	7A0328	0.2	0.15	0.009	2	2	1.2	<0.3	20	
51.8	7A0329	0.03	0.2	0.012	5	9	30	0.3	10	
52.8	7A0330	0.3	0.7	0.012	1.2	3	1.5	<0.3	20	
54.0	7A0331	0.3	1.2	0.03	1.5	5	1.2	<0.3	40	
55.0	7A0332	0.8	0.2	0.007	1.5	0.4	1.5	<0.3	9	I
55.0	7A0710	0.15	<0.1	0.007	0.7	0.3	<1.2	<0.3	5	
57.0	7A0711	0.012	<0.1	0.005	1.2	0.4	<1.2	<0.3	7	
57.7	7A0712	0.012	<0.1	0.002	1.2	0.3	<1.2	<0.3	15	
59.1	7A0713	0.07	0.3	0.015	0.12	2	5	<0.3	20	
60.1	7A0714	0.07	<0.1	0.005	0.12	3	1.2	<0.3	4	
61.1	7A0715	0.015	<0.1	0.007	0.12	0.7	1.5	<0.3	5	
62.1	7A0716	0.09	0.5	0.02	0.12	1.2	3	<0.3	5	
63.1	7A0717	0.09	0.4	0.012	0.2	1.2	7	<0.3	9	
64.6	7A0718	0.07	0.12	0.012	0.2	0.7	5	<0.3	7	
65.6	7A0719	0.07	0.12	0.009	0.15	0.9	4	<0.3	3	
66.6	7A0720	0.07	0.12	0.009	0.15	1.5	4	0.3	9	
67.6	7A0721	0.3	0.2	0.009	0.15	1.2	3	0.3	7	X
68.6	7A0722	0.2	0.2	0.012	0.3	1.2	3	0.4	7	
69.6	7A0723	0.4	0.4	0.015	0.2	1.2	7	0.5	9	
70.6	7A0724	0.3	0.3	0.012	0.2	1.5	4	0.5	12	
71.6	7A0725	0.12	0.2	0.012	0.2	1.2	4	0.4	7	
72.6	7A0726	1.0	0.5	0.012	0.3	1.5	7	0.4	12	
73.4	7A0727	0.8	0.5	0.007	0.3	0.5	7	0.3	12	
74.4	7A0728	1.2	0.7	0.02	0.4	0.3	<1.2	<0.3	9	
75.4	7A0729	0.8	0.9	0.03	0.7	0.3	1.2	<0.3	9	
76.4	7A0730	0.8	0.9	0.02	0.9	0.7	<1.2	<0.3	15	
78.0	7A0731	0.8	0.7	0.015	0.9	0.3	1.2	<0.3	12	
79.0	7A0732	0.5	0.5	0.02	0.3	3	2	<0.3	15	P
80.0	7A0733	0.6	0.2	0.015	0.4	4	4	0.4	12	T
81.0	7A0734	0.8	0.12	0.09	0.3	3	4	<0.3	7	
82.0	7A0735	0.8	0.3	0.015	0.5	3	7	0.3	9	
82.8	7A0736	0.8	0.15	0.015	0.4	2	5	<0.3	7	
	7A0792	1.2	0.4	0.009	1.2	0.9	1.2	<0.3	15	X
86.0										
87.0	7A0737	0.8	0.4	0.003	1.5	0.4	1.2	<0.3	9	
88.0	7A0738	0.8	0.12	0.005	1.5	0.3	1.2	<0.3	15	
89.0	7A0739	0.8	0.2	0.005	1.2	0.4	1.2	<0.3	4	
90.0	7A0740	0.8	0.2	0.005	1.5	0.3	<1.2	<0.3	3	
91.0	7A0741	0.8	0.12	0.002	1.2	0.3	<1.2	<0.3	3	
92.0	7A0742	0.8	0.12	0.007	2	0.3	1.2	<0.3	15	
93.0	7A0743	0.2	0.12	0.005	2	0.5	1.5	<0.3	4	
94.1	7A0744	0.8	<0.1	0.007	2	<0.3	<1.2	<0.3	15	
	7A0793	0.8	0.5	0.005	1.5	0.4	5	<0.3	20	X
97.1										
98.1	7A0745	1.6	0.5	0.003	1.5	0.3	3	<0.3	15	
99.1	7A0746	1.2	0.12	0.003	1.5	<0.3	4	<0.3	50	
100.2	7A0747	1.0	<0.1	0.005	1.2	0.3	12	<0.3	40	

GEOLOGIC CORE LOG OF MJKA-11 (3/5) 1/200

MJKA-11 (3/5) 100m ~ 150m

Level 1,930.7m Direction 105°
X 52.0m Inclination -45°
Y 286.3m Length 204.9m

DEPTH (m)	DESCRIPTIONS
100.2	
	100.2-105.5m, mdg limonitizated granodiorite
	101.6m, py imp.
	102.2m, py imp.
104.4	104.4m, ochre clay v W=2cm
105.5	
105.8	105.5-105.8m, bio-aplite, py molybdenite imp.
	105.8-155.5m, limonitizated bio-hb granodiorite, partly K-feldspar contain
110.8	110.8m, clay v W=0.5cm
111.4	111.4m, cal-diop vein, W=0.5cm
115.0	111.5m, olive sticky clay, W=5cm
	115.2m, malachite imp.
	115.5-119m, sandy crushed
122.0	122.0m, cal-diop vein, W=1cm
123.0	123.0m, cal vein, W=0.5-1cm
	146.1-147.6m, sandy crushed

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
100.2										
101.2	7A0748	0.6	0.5	0.003	2	0.3	5	<0.3	30	
102.2	7A0749	0.5	0.2	0.002	1.2	0.3	3	<0.3	30	
103.2	7A0750	1.5	<0.1	0.005	2	0.3	15	<0.3	40	
104.2	7A0751	0.2	<0.1	0.003	2	0.4	3	<0.3	40	
105.5	7A0752	0.09	<0.1	0.007	2	0.7	1.2	<0.3	15	
105.8	7A0753	1.0	<0.1	0.005	1.5	<0.3	4	<0.3	200	
	7A0754	1.0	<0.1	0.004	1.5	0.4	3	0.3	15	
106.8	7A0755	1.2	<0.1	0.002	1.5	0.4	3	0.3	12	
107.8	7A0756	1.6	<0.1	0.007	2	0.3	7	0.3	15	
108.8	7A0757	1.0	0.12	0.005	3	0.5	3	0.3	20	
109.8	7A0758	0.9	<0.1	0.003	1.2	0.4	1.5	<0.3	15	
110.8	7A0759	0.5	<0.1	0.003	1.5	0.4	1.2	<0.3	12	
111.8	7A0760	0.8	<0.1	0.005	1.5	0.3	<1.2	<0.3	15	
112.8	7A0761	0.2	<0.1	0.007	1.5	0.3	1.2	<0.3	20	
113.8	7A0762	0.5	<0.1	0.005	1.2	1.2	2	<0.3	15	
114.8	7A0763	1.0	0.3	0.012	0.9	<0.3	1.5	<0.3	15	
115.8	7A0764	2.8	0.12	0.007	0.3	<0.3	2	<0.3	12	
116.8	7A0765	1.2	0.4	0.007	1.5	0.3	15	<0.3	15	
117.8	7A0766	1.0	0.12	0.005	1.2	<0.3	5	<0.3	40	
118.8	7A0767	0.3	<0.1	0.005	1.2	0.4	4	<0.3	40	
119.8	7A0768	1.0	<0.1	0.005	1.2	<0.3	3	<0.3	40	
120.8	7A0769	0.4	<0.1	0.003	1.5	0.3	1.5	<0.3	15	
121.8	7A0770	0.5	<0.1	0.005	1.5	0.3	2	<0.3	20	
122.8	7A0771	0.15	<0.1	0.012	0.9	<0.3	1.2	<0.3	3	
123.8	7A0851	0.012	<0.1	0.007	0.2	9	<1.2	<0.3	3	
124.8	7A0852	0.2	<0.1	0.012	2	0.4	3	<0.3	4	
125.8	7A0853	0.4	<0.1	0.005	1.2	0.3	3	<0.3	9	
126.8	7A0854	0.03	<0.1	0.003	1.2	0.3	1.2	<0.3	3	
127.8	7A0855	0.5	<0.1	0.005	1.5	0.3	3	<0.3	15	
128.8	7A0856	0.5	<0.1	0.007	1.2	0.4	2	<0.3	15	
129.8	7A0857	1.0	<0.1	0.004	1.5	0.4	2	0.3	12	
130.8	7A0858	1.6	<0.1	0.015	1.2	0.3	4	0.4	9	
131.8	7A0859	0.7	<0.1	0.007	1.5	0.3	4	0.3	12	
132.8	7A0860	1.0	<0.1	0.003	1.2	0.3	2	<0.3	15	
133.8	7A0861	0.5	<0.1	0.005	0.7	0.3	2	<0.3	40	
134.8	7A0862	0.8	<0.1	0.004	1.5	0.3	3	<0.3	5	
135.8	7A0863	0.3	<0.1	0.005	1.2	0.4	3	<0.3	8	
136.8	7A0864	0.4	<0.1	0.003	0.9	0.3	2	<0.3	50	
137.8	7A0865	0.6	<0.1	0.005	1.2	0.3	15	<0.3	150	
138.8	7A0866	0.2	<0.1	0.0015	0.7	0.3	1.2	<0.3	9	
139.8	7A0867	0.012	<0.1	0.005	1.5	0.7	3	<0.3	12	
140.8	7A0868	0.012	<0.1	0.009	2	0.4	3	<0.3	20	
141.8	7A0869	0.012	<0.1	0.0012	1.5	9.5	1.5	<0.3	12	
142.8	7A0870	<0.012	<0.1	0.002	1.2	0.4	<1.2	<0.3	3	
143.8	7A0871	0.012	<0.1	0.002	1.2	0.5	<1.2	<0.3	3	
144.8	7A0872	<0.012	<0.1	0.002	1.5	0.3	1.2	<0.3	9	
145.8	7A0873	0.09	<0.1	0.003	1.5	0.3	1.2	<0.3	9	
146.8	7A0874	0.2	<0.1	0.005	1.5	0.4	1.2	<0.3	4	
147.8	7A0875	0.05	<0.1	0.0015	1.2	0.3	<1.2	<0.3	5	
148.8	7A0876	0.012	<0.1	0.0012	1.5	0.3	<1.2	<0.3	4	
149.8										

GEOLOGIC CORE LOG OF MJKA-11 (4/5) 1/200

MJKA-11 (4/5) 150m ~ 200m

Level 1,930.7m Direction 105°
X 52.0m Inclination -45°
Y 286.3m Length 204.9m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		105.8-155.5m, limonitizated bio-hb granodirite
	154.5	154.5m, shear zone, W=5cm
	155.5	155.5-172.5m, hb bio granodirite
		158-164m, sandy crushed
		164-164.5m, sandy crushed
		169-170m, sandy crushed
	172.5	172.5-181.5m, pale green aplite, arsenopyrite imp.
	181.5	181.5-186.6m, fng hb bio granodiorite
		184.5-185.5m, sandy crushed
	186.6	
	187.4	186.6-187.4m, pale green aplite
		187.4-204.9m, fng greenish hb bio granodiorite
		187.5-188.5m, sandy crushed
		190.8-192m, sandy crushed

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
150.6	7A0877	0.4	<0.1	0.004	1.5	0.3	2	<0.3	7	
151.8	7A0878	0.012	<0.1	0.002	2	0.7	1.2	<0.3	9	
152.8	7A0879	<0.012	<0.1	0.001	0.3	<0.3	<1.2	<0.3	7	
153.8	7A0880	0.9	<0.1	0.001	3	0.4	2	<0.3	5	
154.8	7A0881	0.15	<0.1	0.001	1.5	0.3	2	<0.3	12	
155.5	7A0882	0.15	<0.1	0.007	1.2	0.3	1.5	<0.3	3	
167.5										
168.5	7A1157	0.2	0.3	0.003	1.2	0.4	5	<0.3	15	
169.5	7A1158	0.12	<0.1	0.005	1.2	0.4	1.2	<0.3	15	
170.5	7A1159	0.07	<0.1	0.003	1.5	0.4	1.2	<0.3	12	
171.5	7A1160	0.12	<0.1	0.002	1.5	0.4	1.5	<0.3	30	
172.5	7A1161	0.3	<0.1	0.004	1.5	0.4	7	<0.3	20	
173.5	7A1162	1.2	0.2	0.001	0.9	0.4	30	<0.3	15	
174.5	7A1163	2.0	0.4	0.002	2	0.5	12	<0.3	15	
175.5	7A1164	1.0	0.2	0.003	2	0.7	20	<0.3	15	
176.5	7A1165	1.0	0.3	0.012	2	0.5	20	<0.3	120	
177.5	7A1166	0.5	<0.1	0.003	0.7	0.3	<1.2	<0.3	50	
178.5	7A1167	1.2	0.7	0.003	5	0.4	9	<0.3	12	
179.5	7A1168	0.4	<0.1	0.003	0.9	0.4	1.2	<0.3	15	
180.5	7A1169	0.04	0.12	0.002	0.9	0.3	1.2	<0.3	20	
181.5	7A1170	0.05	0.15	0.003	1.5	0.4	1.5	<0.3	50	
182.5	7A1171	0.9	0.12	0.003	1.2	0.4	4	<0.3	40	
183.5	7A1172	0.4	0.15	0.003	1.5	0.3	3	<0.3	120	
184.5	7A1173	1.0	<0.1	0.005	1.2	0.4	3	<0.3	30	
185.5	7A1174	0.4	0.12	0.005	1.5	0.4	1.2	<0.3	20	
186.6	7A1175	0.04	<0.1	0.003	1.2	0.3	<1.2	<0.3	20	
187.4	7A1176	0.012	<0.1	0.004	0.9	0.4	<1.2	<0.3	15	
188.4	7A1177	0.8	<0.1	0.005	0.7	0.3	1.5	<0.3	15	
189.4	7A1178	0.6	0.15	0.003	2	0.4	5	<0.3	20	
190.4	7A1179	0.3	<0.1	0.003	1.2	0.3	3	<0.3	15	
191.4	7A1180	0.9	<0.1	0.007	1.5	0.7	7	<0.3	30	
192.4	7A1181	0.07	<0.1	0.005	1.5	0.5	<1.2	<0.3	20	

GEOLOGIC CORE LOG OF MJKA-11 (5/5)

1/200

MJKA-11 (5/5) 200m ~ 250m

Level 1,930.7m Direction 105°
X 52.0m Inclination -45°
Y 286.3m Length 204.9m

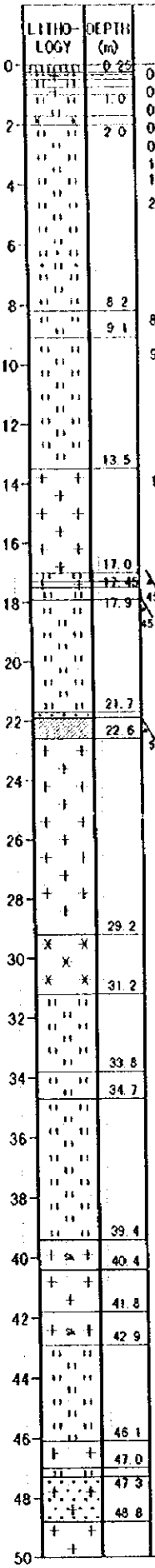
LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		187.4-204.9m, fng hb bio granodiorite											
	204.9	(204.9m, end of drilling)											

GEOLOGIC CORE LOG OF MJKA-13 (1/4)

1/200

MJKA-13 (1/4) 0m ~ 50m

Level 1,920.6m Direction 105°
X 93.5m Inclination -20°
Y 425.0m Length 175.1m



DEPTH (m)	DESCRIPTIONS
0.25	0 0.25m, detritus
	0.25-0.35m, qz px wo skarn
1.0	0.35-0.5m, bio granodiorite
	0.5-0.75m, qz px wo skarn
2.0	0.75-1.0m, bio granodiorite
	1.0-1.7m, qz px wo skarn
	1.7-2.0m, aplite
	2.0-8.2m, pale green qz px wo skarn
	6.0-6.5m, py cp imp.
	fromatin order of skarn mineral: qz wo, px, garnet
8.2	
	8.2-9.1m, green px skarn
9.1	
	9.1-13.5m, px wo skarn
	11.0-11.1m, banded st of garnet px wo skarn showing 80 degree
	11.4-11.5m, banded st of garnet px wo skarn
13.5	
	13.5-17.0m, granodiorite, porphyritic texture of plagioclase (0.5-1cm)
	13.5-14.0m, skarnization of garnet and px
17.0	
	17.0-17.3m, brecciated garnet px skarn
17.45	17.3-17.45m, granodiorite, porphyritic texture
	17.45-17.9m, px garnet wo skarn
17.9	17.9-21.7m, garnet px skarn
	19.3m, cal network of 30 degree
	20.1m, cal v, W=0.5cm, 75 degree
	21.0m, cal v, W=1cm, 40 degree
21.7	
	21.7-21.9m, brown limo-carnonate(ankerite) altered rock
22.6	
	21.9-22.6m, quartz cal v, half of core consisting of dark green skarnized rock
	22.6-29.2m, chl bio granodiorite, metasomatic, limonite along crack
	27.0-27.4m, aplitic
	28.0-28.7m, limonitization
29.2	
	29.2-31.2m, aplite
	31.1-31.2m, chl altered metasomatic rock from aplite
31.2	
	31.2-33.8m, deep green px skarn
33.8	
34.7	33.8-34.7m, garnet px skarn
	34.7-39.4m, deep green px skarn
	35.6-36.2m, mixture of granodiorite
39.4	
40.4	39.4-40.4m, px skarnized granodiorite
	40.4-41.8m, granodiorite
41.8	
42.9	41.8-42.9m, px skarnized granodiorite
	42.9-46.1m, deep green px skarn to px-quartz skarn
	43.0m & 43.3m, malachite imp.
	43.9-44.0m, granodiorite
46.1	
47.0	46.1-47.0m, granodiorite
	47.0-47.3m, px skarn
47.3	
48.8	47.3-48.8m, strong limonitizated altered rock from granodiorite origin
	48.8-51.6m, limonitizated granodiorite

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
0.25	7A0840	0.05	0.3	0.015	0.7	1.5	<1.2	<0.3	3	
1.0	7A0841	0.07	0.3	0.015	0.3	0.8	<1.2	<0.3	7	
2.0	7A0842	0.03	0.5	0.015	0.7	2	<1.2	<0.3	7	
3.0	7A0843	0.03	0.3	0.012	0.4	1.2	<1.2	<0.3	15	
4.0	7A0844	0.012	0.12	0.012	0.2	1.5	<1.2	<0.3	9	
5.0	7A0845	0.012	<0.1	0.005	0.3	1.2	<1.2	<0.3	7	
6.0	7A0846	0.09	<0.1	0.005	0.3	4	<1.2	<0.3	<1.2	
7.0	7A0847	0.2	<0.1	0.005	0.12	3	<1.2	<0.3	1.2	
8.2	7A0848	0.4	<0.1	0.007	<0.1	4	<1.2	<0.3	<1.2	
9.1	7A0849	0.015	<0.1	0.004	0.2	4	<1.2	<0.3	1.5	
10.1	7A0850	0.03	<0.1	0.004	1.2	0.3	2	<0.3	3	
11.1	7A0968	<0.012	<0.1	0.012	<0.1	3	<1.2	<0.3	1.2	
12.1	7A0969	0.02	<0.1	0.02	0.3	3	<1.2	<0.3	<1.2	
13.5	7A0970	<0.012	0.12	0.009	1.5	0.5	<1.2	<0.3	4	
14.5	7A0971	<0.012	<0.1	0.012	1.2	0.4	<1.2	<0.3	3	
15.5	7A0972	<0.012	<0.1	0.015	2	0.4	<1.2	<0.3	5	
17.0	7A0973	<0.012	<0.1	0.03	1.2	2	<1.2	<0.3	2	
17.9	7A0974	<0.012	<0.1	0.012	0.9	1.5	<1.2	<0.3	7	
18.9	7A0975	<0.012	<0.1	0.007	0.4	1.2	<1.2	<0.3	7	
19.9	7A0976	<0.012	<0.1	0.001	0.9	1.2	<1.2	<0.3	7	
20.9	7A0883	0.4	0.12	0.03	0.7	5	3	<0.3	20	X
21.9	7A0977	<0.012	<0.1	0.003	0.12	0.3	1.2	<0.3	9	
22.6	7A0978	<0.012	<0.1	0.012	1.5	0.4	<1.2	<0.3	9	
23.6	7A0979	<0.012	<0.1	0.012	0.9	0.4	<1.2	<0.3	5	
24.6	7A0980	<0.012	<0.1	0.001	0.4	0.3	<1.2	<0.3	7	
25.6	7A0981	<0.012	<0.1	0.012	0.4	0.3	<1.2	<0.3	5	
26.6	7A0982	0.04	<0.1	0.009	1.2	0.5	<1.2	<0.3	5	
27.6	7A0983	<0.012	<0.1	0.003	1.2	0.3	<1.2	<0.3	12	
28.6	7A0984	<0.012	<0.1	0.007	0.9	0.4	4	<0.3	15	
29.2	7A0985	<0.012	<0.1	0.007	0.9	0.3	<1.2	<0.3	4	
30.2	7A0986	0.012	0.12	0.009	0.9	0.9	1.2	<0.3	4	
31.2	7A0987	0.012	<0.1	0.005	0.7	5	<1.2	<0.3	5	
32.2	7A0988	0.012	<0.1	0.02	1.2	4	<1.2	<0.3	9	
33.2	7A0989	0.015	0.2	0.012	0.2	3	<1.2	<0.3	7	
33.8	7A0990	0.012	0.15	0.005	0.9	3	<1.2	<0.3	7	
34.7	7A0991	0.03	0.9	0.03	1.2	3	1.2	<0.3	7	
35.7	7A0992	0.012	<0.1	0.007	0.7	1.5	<1.2	<0.3	9	
36.7	7A0993	0.02	0.12	0.009	0.7	3	<1.2	<0.3	4	
37.7	7A0994	0.05	0.9	0.03	0.9	5	1.2	<0.3	2	
38.7	7A0995	0.09	0.7	0.015	1.2	7	1.2	0.4	3	
39.4	7A0996	<0.012	<0.1	0.003	1.2	1.2	<1.2	<0.3	7	
40.4	7A0997	<0.012	<0.1	0.004	1.2	0.4	<1.2	<0.3	4	
41.8	7A0998	0.012	0.12	0.04	2	2	<1.2	<0.3	4	
42.9	7A0999	1.1	1.2	0.12	0.3	3	5	<0.3	4	
43.9	7A1000	0.3	0.12	0.009	0.2	1.2	<1.2	<0.3	5	
44.9	7A1001	1.2	0.3	0.015	0.2	1.2	1.5	<0.3	5	
46.1	7A1002	0.03	0.9	0.02	1.2	0.3	1.2	0.3	7	
47.0	7A1003	0.015	0.12	0.012	0.5	1.5	1.5	0.5	12	
48.0	7A1004	0.012	0.12	0.007	0.5	0.3	2	<0.3	9	
48.8	7A1005	0.04	<0.1	0.007	0.9	0.3	1.2	<0.3	12	
49.8										

GEOLOGIC CORE LOG OF MJKA-13 (2/4)

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MJKA-13 (2/4) 50m ~ 100m

Level 1,920.6m Direction 105°
X 93.5m Inclination -20°
Y 425.0m Length 175.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	50.1	48.8-51.6m, limonitizated granodiorite
	51.6	50.7m, cream clay, W=3cm
		51.6-70.4m, bi-hb granodiorite
		55.0-55.1m, limonitization
		55.3-55.5m, limonitization
		56.0-56.6m, chloritization
		58.0-58.6m, chloritization
		around 62m, fresh granodiorite
	70.4	
	71.1	70.4-71.1m, green lamprophyre, hematite contained
		71.1-84.1m, chloritizated granodiorite
		79.4-79.6m, chloritizated veinlets of 45 degree
	84.1	
	84.5	84.1-84.5m, green lamprophyre, 84.3-84.5m, strong hematitization
		84.5-89.2m, bi hb granodiorite
		87.3-87.5m, limonitization of 40 degree
		88.4-88.7m, limonitization
	89.2	
		89.2-98.9m, strong limonitizated metasomatic rock, from aplite origin
	98.8	
	99.2	98.9-99.2m, white altered aplite
		99.2-102.6m, limonitizated granodiorite

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
		ASSAY RESULT								
50.8	7A1006	0.12	<0.1	0.015	1.5	0.4	1.2	<0.3	15	
51.6	7A1007	0.3	<0.1	0.009	1.5	0.4	2	<0.3	20	
52.6	7A1008	0.05	<0.1	0.012	1.5	0.4	<1.2	<0.3	9	
53.6	7A1009	0.2	0.2	0.012	1.5	0.3	<1.2	<0.3	20	
54.6	7A1010	0.09	0.2	0.007	1.5	0.3	<1.2	<0.3	20	
55.6	7A1011	0.15	0.9	0.015	1.5	0.4	<1.2	<0.3	15	
56.6	7A1012	0.04	0.12	0.005	0.9	0.3	1.2	<0.3	9	
57.6	7A1013	0.3	<0.1	0.004	0.9	0.3	<1.2	<0.3	12	
58.6	7A1014	0.012	<0.1	0.004	1.2	0.3	<1.2	<0.3	7	
59.6	7A1015	0.012	<0.1	0.005	1.2	0.5	<1.2	<0.3	5	
60.6	7A1016	0.012	<0.1	0.003	1.5	0.4	<1.2	<0.3	12	
61.6	7A1017	0.05	<0.1	0.003	1.2	0.3	1.2	<0.3	9	
62.6	7A1018	0.012	<0.1	0.0015	1.2	0.3	<1.2	<0.3	15	
63.6	7A1019	<0.012	<0.1	0.005	1.5	0.3	<1.2	<0.3	3	
64.6	7A1020	0.012	<0.1	0.003	1.2	0.3	<1.2	<0.3	7	
65.6	7A1021	0.07	<0.1	0.003	0.9	0.3	<1.2	<0.3	5	
66.6	7A1022	1.0	0.2	0.007	1.2	0.3	2	<0.3	6	
67.6	7A1023	0.012	0.12	0.007	1.2	0.3	<1.2	<0.3	4	
68.6	7A1024	0.015	<0.1	0.003	0.9	0.3	<1.2	<0.3	4	
69.6	7A1025	0.012	<0.1	0.007	0.9	0.3	<1.2	<0.3	1.5	
70.4	7A1026	<0.012	<0.1	0.002	0.7	0.3	<1.2	<0.3	3	
71.1	7A1027	0.012	0.12	0.012	0.9	0.9	<1.2	0.3	3	
72.1	7A1028	0.012	0.12	0.003	0.9	0.3	<1.2	<0.3	4	
73.1	7A1029	0.012	0.12	0.004	0.9	0.3	<1.2	<0.3	4	
74.1	7A1030	0.03	<0.1	0.003	0.7	0.3	<1.2	<0.3	2	
75.1	7A1031	0.012	<0.1	0.005	0.9	0.3	<1.2	<0.3	1.2	
76.1	7A1032	0.05	<0.1	0.007	0.9	0.3	1.2	<0.3	1.2	
77.1	7A1033	0.012	0.12	0.007	0.9	0.3	2	<0.3	3	
78.1	7A1034	<0.012	<0.1	0.009	0.9	0.3	<1.2	<0.3	1.2	
79.1	7A1035	0.07	<0.1	0.003	0.5	0.3	<1.2	<0.3	2	
80.1	7A1036	<0.012	<0.1	0.004	0.9	0.3	1.2	<0.3	3	
81.1	7A1037	0.012	<0.1	0.004	0.5	0.3	<1.2	<0.3	1.5	
82.1	7A1038	0.012	<0.1	0.003	0.9	0.3	1.2	<0.3	3	
83.1	7A1039	0.012	<0.1	0.002	0.7	0.3	1.2	<0.3	7	
84.1	7A1040	<0.012	<0.1	0.007	1.5	0.4	1.2	<0.3	3	
84.5	7A1041	<0.012	<0.1	0.007	0.9	0.3	<1.2	<0.3	7	
85.5	7A1042	0.12	0.2	0.005	1.2	0.3	<1.2	<0.3	5	
86.5	7A1043	<0.012	<0.1	0.003	1.2	0.3	1.2	<0.3	4	
87.5	7A1044	0.05	<0.1	0.009	2	0.4	3	<0.3	4	
88.5	7A1045	0.09	0.2	0.009	3	0.4	5	<0.3	20	
89.2	7A1046	0.04	0.12	0.004	1.2	0.4	1.2	<0.3	9	
90.2	7A1047	0.12	0.4	0.005	2	0.3	5	<0.3	20	
91.2	7A1048	0.05	<0.1	0.003	1.5	0.3	3	<0.3	12	
92.2	7A1049	0.015	<0.1	0.007	1.2	0.4	2	<0.3	15	
93.2	7A1050	0.012	<0.1	0.002	0.9	0.3	3	<0.3	20	
94.2	7A1051	<0.012	<0.1	0.004	1.5	0.4	<1.2	<0.3	20	
95.2	7A1052	<0.012	<0.1	0.009	1.5	0.4	1.2	<0.3	12	
96.2	7A1053	0.015	0.12	0.007	1.2	0.3	1.2	<0.3	15	
97.2	7A1054	<0.012	<0.1	0.009	0.2	0.5	5	<0.3	20	
98.2	7A1055	0.3	<0.1	0.009	1.2	0.3	5	<0.3	15	
98.8	7A1056	0.09	0.12	0.007	0.9	0.4	4	<0.3	20	
99.2	7A1057	<0.012	<0.1	0.003	0.2	0.4	<1.2	<0.3	4	
100.2	7A1058	0.4	0.12	0.005	0.5	0.3	5	<0.3	9	

GEOLOGIC CORE LOG OF MJKA-13 (3/4)

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MJKA-13 (3/4) 100m ~ 150m

Level 1,920.6m Direction 105°
X 93.5m Inclination -20°
Y 425.0m Length 175.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		99.2-102.6m, limonitizated granodiorite
		101.6-102.6m, quartz cal network
	102.6	
		102.6-104.0m, chloritizated aplitic rock
	104.0	
		104.0-107.0m, limonitizated granodiorite
	107.0	
		107.0-108.4m, gray lamprophyre
	108.4	
		108.4-112.0m, limonitizated aplite, malachite imp.
	112.0	
		112.0-117.7m, limonitizated granodiorite
	117.7	
		117.7-123.9m, greenish limonitizated lamprophyre, hematite contained, fng hb
		120.7-122.0m, strong limonitization
	121.3	
		121.3m, qtz cal vein, W=1cm
		123.3-123.9m, strong limonitization
	123.9	
	124.8	123.9-124.8m, limonitizated granodiorite
		124.8-134.0m, limonitizated aplite
		127.0m, malachite imp. along joint
		130.0m, malachite imp. along joint
		130.8m, malachite imp. along joint
		132.0-132.4m, px skarn forming in limo. aplite
		133.1-134.0m, strong limonitization
	134.0	
	134.7	134.0-134.7m, greenish gray lamprophyre, phnocryst: pl, hb, bio
		134.7-143.7m, limonitizated aplite
		134.7-135.2m, biotitization
		135.7-136.4m, px skarn forming in limo. aplite
		136.8-138.0m, chloritization & biotitization
		139.0-139.5m, cal network
	143.7	
	144.4	143.7-144.4m, strong limonitizated granodiorite
	144.8	144.4-144.8m, yellow cream sticky clay
		144.8-168.3m, strong limonitizated granodiorite, cal network

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB TEST
100.2	7A1059	0.012	<0.1	0.007	1.2	0.3	1.2	<0.3	5	
101.2	7A1060	0.02	<0.1	0.005	0.5	0.4	3	<0.3	7	
102.6	7A1061	0.04	<0.1	0.004	0.7	0.5	<1.2	<0.3	4	
104.0	7A1062	0.04	0.12	0.007	2	0.3	5	<0.3	15	
105.0	7A1063	<0.012	<0.1	0.005	1.2	0.3	3	<0.3	3	
106.0	7A1064	0.03	<0.1	0.012	2	0.3	5	<0.3	3	
107.0	7A1065	0.012	<0.1	0.004	0.3	0.4	1.2	<0.3	2	
108.4	7A1066	0.5	0.5	0.02	<0.1	0.3	5	<0.3	2	
109.4	7A1067	0.15	0.7	0.015	0.12	0.3	3	<0.3	4	
110.4	7A1068	0.5	0.7	0.02	<0.1	0.3	20	<0.3	3	
112.0	7A1069	0.2	<0.1	0.009	1.2	0.3	3	<0.3	12	
113.0	7A1070	0.02	<0.1	0.003	1.2	0.3	7	<0.3	15	
114.0	7A1071	0.012	<0.1	0.004	1.2	0.3	3	<0.3	20	
115.0	7A1072	0.012	<0.1	0.003	0.9	0.3	<1.2	<0.3	5	
116.0	7A1073	1.0	0.2	0.004	1.5	0.4	5	<0.3	12	
117.0	7A1074	1.0	<0.1	0.003	1.5	0.3	7	<0.3	30	
117.7	7A1075	0.05	0.3	0.015	0.4	0.7	<1.2	<0.3	30	
118.7	7A1076	<0.012	<0.1	0.009	0.3	0.4	<1.2	<0.3	9	
119.7	7A1077	0.012	0.2	0.003	2	0.4	<1.2	<0.3	9	
120.7	7A1078	0.012	<0.1	0.003	0.9	0.3	<1.2	<0.3	30	
121.7	7A1079	<0.012	0.15	0.007	0.9	0.4	<1.2	<0.3	15	
122.7	7A1080	<0.012	<0.1	0.003	0.9	0.4	<1.2	<0.3	20	
123.9	7A1081	0.02	<0.1	0.007	0.9	0.3	2	<0.3	50	
124.8	7A1082	0.12	0.4	0.02	0.7	0.7	1.2	<0.3	40	
125.8	7A1083	0.2	0.7	0.04	0.7	0.4	5	<0.3	40	
126.8	7A1084	0.12	1.2	0.03	0.12	0.3	5	<0.3	5	
127.8	7A1085	0.07	<0.1	0.009	<0.1	<0.1	4	<0.3	5	
128.8	7A1086	0.07	0.9	0.02	0.7	0.4	9	<0.3	20	
129.8	7A1087	0.12	0.2	0.012	<0.1	0.3	2	<0.3	7	
130.8	7A1088	0.015	0.12	0.009	<0.1	0.4	1.2	<0.3	40	
131.8	7A1089	0.3	0.9	0.02	0.12	1.2	20	<0.3	40	
132.8	7A1090	<0.012	<0.1	0.002	0.9	0.4	1.5	<0.3	20	
134.0	7A1091	0.03	0.2	0.007	0.9	0.4	1.5	<0.3	3	
134.7	7A1092	<0.012	0.2	0.012	0.4	1.2	3	<0.3	5	
135.7	7A1093	0.012	0.3	0.012	0.9	1.2	3	<0.3	12	
136.7	7A1094	0.012	0.3	0.009	1.5	0.9	3	<0.3	9	
137.7	7A1095	0.2	0.12	0.012	0.12	0.5	<1.2	<0.3	12	
138.7	7A1096	0.07	0.9	0.012	0.5	0.4	3	<0.3	20	
139.7	7A1097	0.07	0.2	0.007	0.9	0.3	1.2	<0.3	12	
140.7	7A1098	0.07	0.12	0.005	0.7	0.3	1.2	<0.3	15	
141.7	7A1099	0.07	0.12	0.005	0.9	0.5	1.2	<0.3	12	
142.7	7A1100	<0.012	0.12	0.003	1.5	0.5	<1.2	<0.3	12	
143.7	7A1101	0.12	0.3	0.007	1.2	0.7	1.5	<0.3	40	
144.4	7A1126	0.4	0.4	0.015	1.2	0.4	3	<0.3	20	
144.8	7A1127	0.7	1.5	0.012	1.2	0.4	2	0.3	30	
145.8	7A1128	0.4	0.5	0.012	1.2	0.5	1.2	0.3	40	
146.8	7A1129	0.04	0.2	0.012	1.2	0.7	<1.2	<0.3	30	
147.8	7A1130	0.9	0.5	0.012	1.2	0.4	7	<0.3	20	
149.8										

GEOLOGIC CORE LOG OF MJKA-13 (4/4)

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MJKA-13 (4/4) 150m ~ 175m

Level 1,920.6m Direction 105°
X 93.5m Inclination -20°
Y 425.0m Length 175.1m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		144.8-168.3m, strong limonitizated granodiorite
		161.0-161.1m, brecciated structure
		164.3-166.0m, aplitic
	165.5	165.5m, clay v, W=3cm
	168.3	
V V	169.2	168.3-169.2m, white altered lamprophyre
* *	170.0	169.2-170m, limonitizated aplite
	170.6	170.0-170.6m, biotitizated rock with px network, py imp
* *	171.4	170.6-171.4m, limonitizated aplite
	172.1	171.4-172.1m, chloritizated granodiorite
		172.1-175.1m, biotitizated rock with px skarn network, aplite origin
		173.5m, py imp
	175.1	(175.1m, end of drilling)

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Sb	Mo	LAB. TEST
150.8	7A1131	0.4	0.4	0.009	1.2	0.4	4	<0.3	20	
151.8	7A1132	0.65	0.12	0.005	1.5	0.4	1.2	<0.3	30	
152.8	7A1133	1.0	0.2	0.012	1.2	0.3	3	<0.3	30	
153.8	7A1134	0.09	0.2	0.009	1.5	0.3	3	0.3	40	
154.8	7A1135	0.8	0.2	0.012	1.2	0.4	4	<0.3	40	
155.8	7A1136	0.9	<0.1	0.003	0.3	0.3	5	0.3	15	
156.8	7A1137	1.2	0.15	0.004	1.2	0.4	40	<0.3	20	
157.8	7A1138	0.04	0.2	0.007	1.2	0.4	2	0.3	15	
158.8	7A1139	0.015	<0.1	0.005	1.2	0.4	<1.2	<0.3	20	
159.8	7A1140	0.03	0.12	0.012	1.5	0.4	1.5	<0.3	15	
160.8	7A1141	<0.012	<0.1	0.009	1.2	0.4	2	0.3	15	
161.8	7A1142	<0.012	0.3	0.009	1.5	0.4	1.2	<0.3	12	
162.8	7A1143	0.03	0.12	0.009	1.2	0.3	1.5	<0.3	15	
163.8	7A1144	0.03	0.12	0.007	1.2	0.4	2	<0.3	30	
164.8	7A1145	0.02	0.12	0.009	1.2	0.3	1.2	<0.3	40	
165.8	7A1146	0.05	0.2	0.015	1.5	0.4	2	<0.3	20	
166.8	7A1147	0.12	0.5	0.02	0.8	0.5	1.5	<0.3	30	
168.3	7A1148	0.3	1.2	0.04	0.8	0.5	1.2	<0.3	20	
169.2	7A1149	0.07	0.7	0.015	0.8	0.5	1.2	<0.3	20	
170.0	7A1150	0.03	0.2	0.012	0.12	0.3	<1.2	<0.3	7	
170.6	7A1151	0.04	<0.1	0.009	0.12	0.4	<1.2	<0.3	15	
171.4	7A1152	0.012	0.2	0.009	0.2	0.3	<1.2	<0.3	7	
172.1	7A1153	0.03	0.12	0.007	1.2	0.3	<1.2	<0.3	7	
173.1	7A1154	0.02	0.12	0.007	0.8	0.4	<1.2	<0.3	8	
174.1	7A1155	0.6	1.5	0.05	0.2	0.5	<1.2	0.3	20	
175.1	7A1156	0.4	0.7	0.03	0.7	0.4	<1.2	0.3	12	

Appendix 3

Miscellaneous Data of the Drilling Survey

Appendix 3-1

List of Used Equipment for Drilling

Apx. 3-1 List of the Used Equipment for Drilling

Item	Model	Quantity	Capacity, type and specification
Drilling machine	L-38-98	2	Capacity NQ : 565m, BQ : 725m Inner diameter of spindle : φ98mm
	SKB-5	1	Capacity φ76mm : 800m, φ59mm : 1,000m Inner diameter of spindle : φ63mm
Engine for drill	4L-912	2	Electricity
	4AM180S43	1	Electricity
Pump	BG-10C	2	Piston φ80mm, Capacity 120 liter/min
	ANB-22	1	Pressure 3.8 kg/min
Engine for pump	NFD-13	1	Electricity 2,400rpm
	ASDA-200	2	Electricity 1,500rpm
Generator	GSF-100	1	125KVA, 100KWh, 400V, 181A
Mud mixer	Mie-200	2	2.2KWh, 1,00rpm
Derrick	MA9-1	2	Maximum load : 15 ton
	MRUG-18/20	1	Maximum load : 5 ton
Rod holder	HQ	2	Capacity 5t
	NQ	2	Capacity 5t
	BQ	2	Capacity 5t
	φ89mm	3	Capacity 10t
	φ73mm	3	Capacity 10t
Drill rods	BSφ50mm	120	4.8m/pc
	BSφ50mm	110	3.0m/pc
	HQ(φ88.9mm)	84	3.0mX80pc 1.5mX4pc
	NQ(φ70.0mm)	266	3.0mX262pc 1.5mX4pc
	BQ(φ55.6mm)	263	3.0mX259pc 1.5mX4pc
Casing pipes	φ127mm	13	1m/pc
	φ108mm	13	3m/pc
	HW(φ114.3mm)	21	3mX12pc 1.5mX4pc 1mX5ps
	NW(φ88.9mm)	98	3mX94pc 1.5mX4pc
	BW(φ73.0mm)	257	3mX249pc 1.5mX4pc 1mX4pc
Core tube assembly	HQ(φ73.0mm)	5	
	NQ(φ55.6mm)	6	
	BQ(φ42.9mm)	6	

Appendix 3-2

Miscellaneous Result on Individual Drillhole

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-1)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	7 Oct. '97	7 Oct. '97	0.5	0.5	0	19
Drilling	8 Oct. '97	18 Oct. '97	10.5	10.5	0	399
Dismount	18 Oct. '97	18 Oct. '97	0.5	0.5	0	19
Total	7 Oct. '97	18 Oct. '97	11.5	11.5	0	437

Drilling length			
Programmed length	160m	Overburden	0m
Prolongation	0.1m	Core length	146.6m
Effective length	160.1m	Core recovery	91.6%

Working hours			Core recover by each 50 meters		
Drilling	220h	79.7%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	32h	11.6%	0 - 50	97.0	97.0
Regain of accident	6h	2.2%	50 - 100	92.2	94.6
Preparation/setting up	12h	4.3%	100 - 150	91.7	93.2
Dismount/mobilization	6h	2.2%	150 - 160	90.0	91.6
Others					
			Efficiency		
			Effective length/Working drilling days		
			15.2m/d		
			Effective length/Total drilling days		
Total	276h	100%	15.2m/d		

Drilling length by diameter						
Bit diameter	116mm	HQ	NQ	BQ		Total
Drilling length	5.0m	29.2m	56.5m	69.4m		160.1m
Core length	5.0m	28.5m	53.0m	60.1m		146.6m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilled length	Casing recovery
HW	5.0m	3.1 %	100 %
NW	34.5m	21.5 %	100 %
BW	91.0m	56.8 %	80 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-2)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	19 Oct. '97	19 Oct. '97	0.5	0.5	0	10
Drilling	19 Oct. '97	21 Nov. '97	33.5	33.5	0	1310
Dismount	22 Nov. '97	22 Nov. '97	1.0	1.0	0	10
Total	19 Oct. '97	22 Nov. '97	35.0	35.0	0	1330

Drilling length			
Programmed length	244m	Overburden	2.0m
Prolongation	0.5m	Core length	224.7m
Effective length	244.5m	Core recovery	91.9%

Working hours			Core recover by each 50 meters		
Drilling	325.0h	38.7%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	97.5h	11.6%	0 - 50	90.2	90.2
Regain of accident	393.5h	46.9%	50 - 100	87.0	88.6
Preparation/setting up	12.0h	1.4%	100 - 150	89.6	88.3
Dismount/mobilization	12.0h	1.4%	150 - 200	91.0	90.3
Others			200 - 245	92.8	91.9
			Efficiency		
			Effective length/Working drilling days		
			7.3m/d		
			Effective length/Total drilling days		
Total	840	100%	7.3m/d		

Drilling length by diameter						
Bit diameter	116mm	HQ	NQ	BQ		Total
Drilling length	4m	57.5m	183m	—	—	244.50m
Core length	2.20m	54.4m	168.1m	—	—	224.70m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
HW	4.0m	1.60 %	100 %
NW	127.0m	51.9 %	100 %

Apx. 3-2 Miscellaneous Results for Individual Drillhole

(MJKA-4)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	23 Nov. '97	23 Nov. '97	0.5	0.5	0	10
Drilling	23 Nov. '97	14 Dec. '97	21.5	21.5	0	834
Dismount	15 Dec. '97	17 Dec. '97	3.0	3.0	0	30
Total	23 Nov. '97	17 Dec. '97	25.0	25.0	0	874

Drilling length			
Programmed length	150m	Overburden	0m
Prolongation	12.3m	Core length	142.1m
Effective length	162.3m	Core recovery	87.6%

Working hours			Core recover by each 50 meters		
Drilling	271h	49.1%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	197h	35.7%	0 - 50	86.2	86.2
Regain of accident	36h	6.5%	50 - 100	86.3	86.3
Preparation/setting up	12h	2.2%	100 - 150	87.3	86.8
Dismount/mobilization	36h	6.5%	150 - 162	88.3	87.6
Others					
			Efficiency		
			Effective length/Working drilling days		
			7.5m/d		
			Effective length/Total drilling days		
Total	552h	100%	7.5m/d		

Drilling length by diameter						
Bit diameter	116mm	HQ	NQ	BQ		Total
Drilling length	3m	29.4m	30.1m	99.8m	m	162.3m
Core length	3m	24.2m	27.7m	87.2m	m	142.1m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
HW	3m	6.0 %	100 %
NW	45m	27.7 %	100 %
BW	63m	38.8 %	100 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-6)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	5 Oct. '97	5 Oct. '97	0.5	0.5	0	10
Drilling	5 Oct. '97	27 Oct. '97	22.0	22.0	0	854
Dismount	27 Oct. '97	27 Oct. '97	0.5	0.5	0	10
Total	5 Oct. '97	27 Oct. '97	23.0	23.0	0	874

Drilling length			
Programmed length	160m	Overburden	0m
Prolongation	0.1m	Core length	146.8m
Effective length	160.1m	Core recovery	91.7%

Working hours			Core recover by each 50 meters		
Drilling	230.5h	41.7%	Length (m)	Each (%)	Cumula. (%)
Non-drilling '	181.5h	32.9%	0 - 50	98.4	98.4
Regain of accident	123h	22.3%	50 - 100	90.8	94.6
Preparation/setting up	12h	2.2%	100 - 150	92.8	93.7
Dismount/mobilization	5h	0.9%	150 - 160	89.7	91.7
Others					
			Efficiency		
			Effective length/Working drilling days		
			7.3m/d		
			Effective length/Total drilling days		
Total	552h	100%	7.3m/d		

Drilling length by diameter						
Bit diameter	116mm	HQ	HQ	BQ		Total
Drilling length	3.0m	16.5m	51.4m	89.2m		160.1m
Core length	3.0m	16.5m	49.4m	77.9m		146.8m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
HW	3.0m	1.9 %	100 %
NW	20.5m	12.8 %	100 %
BW	96.0m	60.0 %	100 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-7)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	28 Oct. '97	28 Oct. '97	0.5	0.5	0	10
Drilling	28 Oct. '97	24 Nov. '97	27.5	27.5	0	1,063
Dismount	25 Nov. '97	25 Nov. '97	0.5	0.5	0	10
Total	28 Oct. '97	25 Nov. '97	28.5	28.5	0	1,083

Drilling length			
Programmed length	280m	Overburden	3.0m
Prolongation	1.0m	Core length	248.1
Effective length	281.0m	Core recovery	88.3%

Working hours			Core recover by each 50 meters		
Drilling	361h	52.8%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	285h	41.7%	0 - 50	65.6	65.6
Regain of accident	20h	2.9%	50 - 100	83.0	74.3
Preparation/setting up	6h	0.9%	100 - 150	85.8	80.1
Dismount/mobilization	12h	1.7%	150 - 200	84.3	82.2
Others			200 - 250	87.8	85.0
			250 - 280.10	91.5	88.3
			Efficiency		
			Effective length/Working drilling days		
			10.2m/d		
			Effective length/Total drilling days		
Total	684h	100%	10.2m/d		

Drilling length by diameter						
Bit diameter	112mm	HQ	NQ	BQ		Total
Drilling length	3.0m	30.3m	61.4m	186.3m		281.1m
Core length	2.5m	20.0m	56.0m	169.6m		248.1m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
HW	6.0m	1.1 %	66.6 %
NW	31.5m	11.2 %	100 %
BW	100.0m	35.7 %	100 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-8)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	23 Aug. '97	28 Aug. '97	6	6	0	110
Drilling	29 Aug. '97	9 Sep. '97	11.5	11.5	0	275
Dismount	9 Sep. '97	9 Sep. '97	0.5	0.5	0	10
Total	23 Aug. '97	9 Sep. '97	18	18	0	395

Drilling length			
Programmed length	100m	Overburden	0m
Prolongation	1.1m	Core length	84.6m
Effective length	101.1m	Core recovery	83.7%

Working hours			Core recover by each 50 meters		
Drilling	112h	44.5%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	54h	21.4%	0 - 50	91.7	91.7
Regain of accident	25h	9.9%	50 - 101	75.6	83.7
Preparation/setting up	60h	23.8%			
Dismount/mobilization	1h	0.4%			
Others					
			Efficiency		
			Effective length/Working drilling days		
			8.8m/d		
			Effective length/Total drilling days		
Total	252h	100%	8.8m/d		

Drilling length by diameter						
Bit diameter	101mm		NQ	BQ		Total
Drilling length	1.1m		68.0m	32.0m		101.1m
Core length	1.1m		55.4m	28.1m		84.6m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
NW	18.0m	17.8 %	100 %
BW	69.0m	68.2 %	100 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-9)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	10 Sep. '97	11 Sep. '97	2.0	2.0	0	76
Drilling	12 Sep. '97	3 Oct. '97	21.5	20.5	1	750
Dismount	3 Oct. '97	4 Oct. '97	1.5	1.5	0	29
Total	10 Sep. '97	4 Oct. '97	25.0	24.0	1	855

Drilling length			
Programmed length	210m	Overburden	0.8m
Prolongation	0.2m	Core length	206.2m
Effective length	210.2m	Core recovery	98.1%

Working hours			Core recover by each 50 meters		
Drilling	368h	68.1%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	131h	24.3%	0 - 50	99.3	99.3
Regain of accident	5h	0.9%	50 - 100	97.0	98.2
Preparation/setting up	24h	4.5%	100 - 150	97.4	97.9
Dismount/mobilization	12h	2.2%	150 - 210	98.3	98.1
Others					
			Efficiency		
			Effective length/Working drilling days		
			10.3m/d		
			Effective length/Total drilling days		
Total	540h	100%	9.8m/d		

Drilling length by diameter						
Bit diameter	116mm	101mm	NQ	BQ		Total
Drilling length	0.8m	3.6m	99.4m	106.4m		210.2m
Core length	0.8m	3.6m	98.2m	103.6m		206.2m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
NW	15.0m	7.1 %	100 %
BW	94.5m	45.0 %	100 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-10)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	24 Aug. '97	29 Aug. '97	6	6	0	111
Drilling	30 Aug. '97	16 Sep. '97	17.5	17.5	0	522
Dismount	16 Sep. '97	16 Sep. '97	0.5	0.5	0	10
Total	24 Aug. '97	16 Sep. '97	24	24	0	643

Drilling length			
Programmed length	110m	Overburden	0m
Prolongation	1.9m	Core length	96.2m
Effective length	111.9m	Core recovery	86.0%

Working hours			Core recover by each 50 meters		
Drilling	166.5h	40.8%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	131.5h	32.2%	0 - 50	92.0	92.0
Regain of accident	37h	9.1%	50 - 100	86.6	89.3
Preparation/setting up	72h	17.7%	100 - 112	79.6	86.0
Dismount/mobilization	1h	0.2%			
Others					
			Efficiency		
			Effective length/Working drilling days		
			6.4m/d		
			Effective length/Total drilling days		
Total	408h	100%	6.4m/d		

Drilling length by diameter						
Bit diameter	101㎜		NQ	BQ		Total
Drilling length	1.1m		73.9m	36.9m		111.9m
Core length	1.1m		65.8m	29.3m		96.2m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
NW	22.0m	19.7 %	100 %
BW	75.0m	67.0 %	100 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-11)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	17 Sep. '97	17 Sep. '97	0.5	0.5	0	6
Drilling	17 Sep. '97	8 Dec. '97	82.5	69.5	13.0	1917
Dismount	9 Dec. '97	10 Dec. '97	2.0	2.0	0	34
Total	17 Sep. '97	10 Dec. '97	85.0	72.0	13.0	1957

Drilling length			
Programmed length	204m	Overburden	0.5m
Prolongation	0.9m	Core length	181.5m
Effective length	204.9m	Core recovery	88.6%

Working hours			Core recover by each 50 meters		
Drilling	333h	24.8%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	752h	56.0%	0 - 50	89.3	89.3
Regain of accident	199h	14.8%	50 - 100	88.0	88.7
Preparation/setting up	48h	3.6%	100 - 150	90.0	89.0
Dismount/mobilization	12h	0.8%	150 - 200	88.7	88.9
Others			200 - 205	88.3	88.6
			Efficiency		
			Effective length/Working drilling days		
			2.9m/d		
			Effective length/Total drilling days		
Total	1344h	100%	2.5m/d		

Drilling length by diameter						
Bit diameter	112mm	96mm	76mm	59mm		Total
Drilling length	4.5m	69.5m	130.9m	130.9m		204.9m
Core length	51.5m	18m	112.0m	112m		181.5m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
108mm	4.5m	2.2 %	0 %
89mm	74.0m	36.1 %	0 %

Apx. 3-2 Miscellaneous Results on Individual Drillhole

(MJKA-13)

	Survey period			Breakdown of period		Total persons
	Period		Total days	Working days	No-working days	
	from	to				
Preparation	26 Nov. '97	27 Nov. '97	1.5	1.5	0	10
Drilling	27 Nov. '97	14 Dec. '97	17.5	17.5	0	702
Dismount	15 Dec. '97	17 Dec. '97	3.0	3.0	0	48
Total	26 Nov. '97	17 Dec. '97	22.0	22.0	0	760

Drilling length			
Programmed length	175m	Overburden	0.25m
Prolongation	0.1m	Core length	163.9m
Effective length	175.1m	Core recovery	93.6%

Working hours			Core recover by each 50 meters		
Drilling	262h	57.5%	Length (m)	Each (%)	Cumula. (%)
Non-drilling	135h	29.6%	0 - 50	95.4	95.4
Regain of accident	24h	5.3%	50 - 100	96.6	96.0
Preparation/setting up	23h	5.0%	100 - 150	93.4	94.7
Dismount/mobilization	12h	2.6%	150 - 175	92.5	93.6
Others					
			Efficiency		
			Effective length/Working drilling days		
			10.0m/d		
			Effective length/Total drilling days		
Total	456h	100%	10.0m/d		

Drilling length by diameter						
Bit diameter	112mm	HQ	NQ	BQ		Total
Drilling length	3.0m	20m	43.7m	108.4m		175.1m
Core length	3.0m	20m	40.7m	100.2m		163.9m

Inserted casing pipes			
Inserted length by diameter		Inserted length / Drilling length	Casing recovery
HW	3.0m	1.7 %	100 %
NW	24.5m	14 %	100 %
BW	64.5m	36.8 %	100 %

Appendix 3-3

Consumable Drilling Articles

Apx. 3-3 Consumable Drilling Articles (1)

Item	Specifi-cation	Unit	Quantity					
			MJKA-1	MJKA-2	MJKA-4	MJKA-6	MJKA-7	Sub total
Diesel oil		liter	6,100	12,900	7,800	9,750	11,100	47,650
Gasoline		liter	550	1,400	900	950	1,120	4,920
Hydraulic oil		liter	35	153	100	54	110	452
Grease		kg	6	23	18	18	19	84
Bentonite		kg	25	45	15	40	0	125
Cement		kg	0	0	0	0	0	0
Clear mud		m^3	0	0	0	0	0	0
Soda calcium		kg	0	0	0	0	0	0
Soda chloride		kg	0	0	0	0	0	0
Sodium biocarbonate		kg	0	0	0	0	0	0
Diamond bit	116mm	pc	1	1	1	1	0	4
Diamond bit	101mm	pc	0	0	0	0	0	0
Diamond bit	HQ	pc	1	2	1	1	3	8
Diamond bit	NQ	pc	2	14	3	4	5	28
Diamond bit	BQ	pc	2	0	8	10	11	31
Diamond bit	76mm	pc	0	0	0	0	0	0
Diamond bit	59mm	pc	0	0	0	0	0	0
Metal crown	HW	pc	1	1	1	1	1	5
Metal crown	NW	pc	1	8	0	1	2	12
Metal crown	BW	pc	1	0	0	1	5	7
Diamond shoe	HW	pc	1	0	1	0	0	2
Diamond shoe	NW	pc	1	4	2	0	1	8
Diamond shoe	BW	pc	1	0	1	5	4	11
Core box		pc	24	38	25	28	41	156

Apx. 3-3 Consumable Drilling Articles (2)

Item	Specification	Unit	Quantity						
			MJKA-8	MJKA-9	MJKA-10	MJKA-11	MJKA-13	Sub total	Grand total
Diesel oil		liter	2,450	9,050	5,250	16,300	7,700	40,750	88,400
Gasoline		liter	475	920	795	1,820	700	4,710	9,630
Hydraulic oil		liter	270	130	120	250	75	845	1,297
Grease		kg	28	17	10	80	12	147	231
Bentonite		kg	0	0	0	11,800	0	11,800	11,925
Cement		kg	0	0	0	0	0	0	0
Clear mud		m^3	0	0	0	0	0	0	0
Soda calcium		kg	0	0	0	0	0	0	0
Soda chloride		kg	0	0	0	0	0	0	0
Sodium biocarbonate		kg	0	0	0	0	0	0	0
Diamond bit	112mm	pc	1	0	0	1	1	3	7
Diamond bit	108mm	pc	1	0	1	1	0	3	3
Diamond bit	HQ	pc	0	0	0	0	2	2	10
Diamond bit	NQ	pc	3	4	4	5	2	18	46
Diamond bit	BQ	pc	1	4	3	0	7	15	46
Diamond bit	76mm	pc	0	0	0	56	0	56	56
Diamond bit	59mm	pc	0	0	0	22	0	22	22
Metal crown	HW	pc	0	0	0	0	0	0	5
Metal crown	NW	pc	0	2	0	0	0	2	14
Metal crown	BW	pc	1	1	0	0	0	2	9
Diamond shoe	HW	pc	0	0	0	1	1	2	4
Diamond shoe	NW	pc	1	0	0	4	1	6	14
Diamond shoe	BW	pc	1	0	0	0	1	2	13
Core box		pc	13	33	14	23	26	109	265