GEOLOGIC CORE LOG OF MJML-11 (1/1)

1/200

MJML-11 (1/1) 0 m ~ 30 m

Level 1,014.0 m Direction 520° W
X 69,478.0 m Inclination -75°
Y 59,349.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		0 ~ 2.20m soil w/rock frags
	2.20	2.20 ~ 5.70m frac. phy w/abn. gs V.
	5.70	5.70 ~ 30.00m grey silic sdy phy
	6.20	6.20 ~ 7.50 m few gz, py. vlss
	7.50	7.50 ~ 13.70m frac. zone
	9.80	9.80 ~ 12.50m gz, py V & vls
	12.50	
	13.70	
	15.40	15.40 ~ 19.70m frac. zone w/gz, py V. & Vls (w=0.1 ~ 2 cm)
	19.70	
	27.20	27.20 ~ 28.40m frac. zone w/gz, cal, py V. & vls (w=0.1 ~ 3cm, int=1-2cm)
	28.40	28.40 ~ 29.50m few gz, py vls
	29.50	
	30.00	30.00m Bottom of the hole

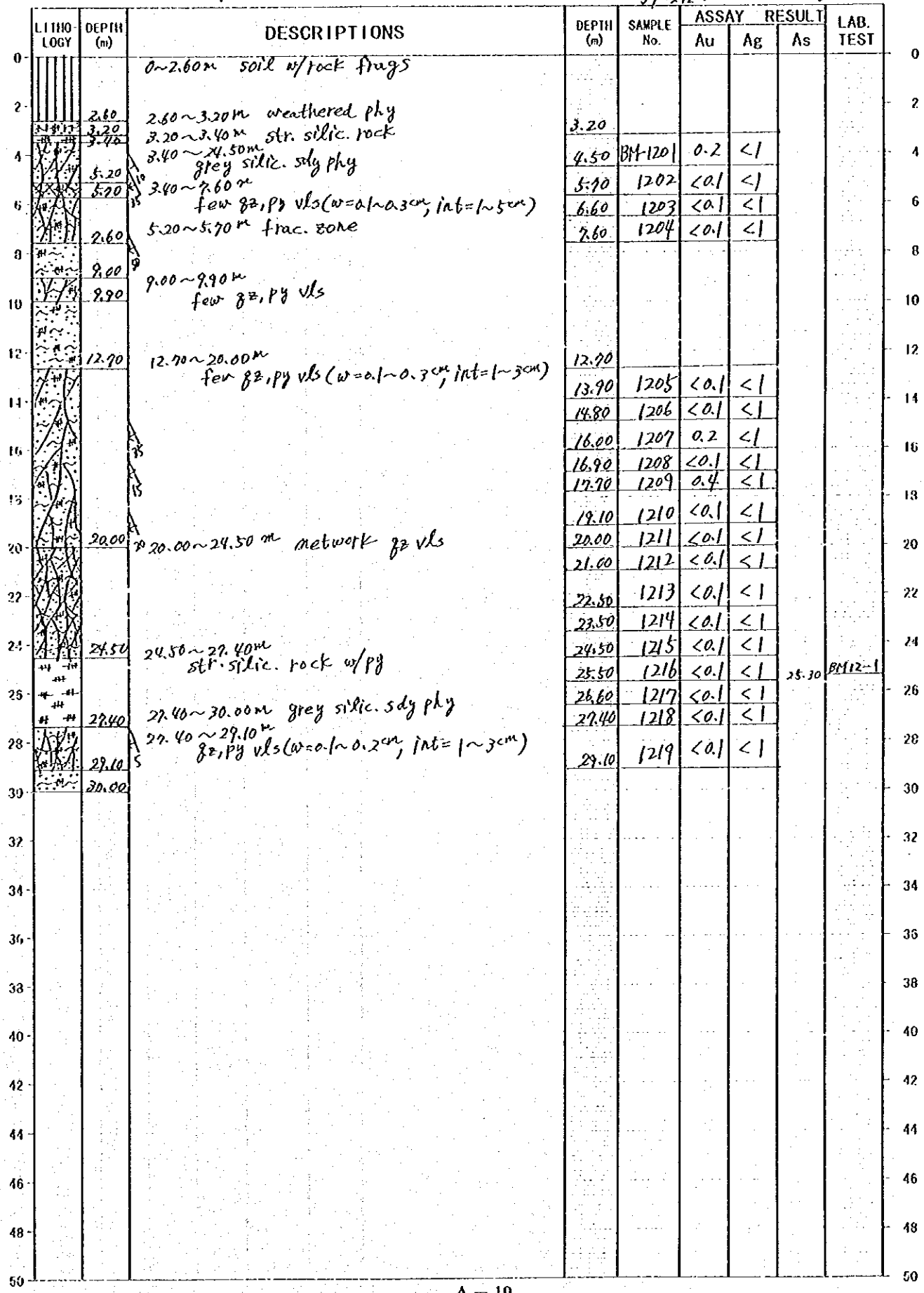
DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
2.20					
3.50	BM-1101	1.4	32	4.5m 1.7, 2.2	
4.50	1102	1.4	2.8		
5.70	1103	2.0	<1		
6.70	1104	2.1	2.4		
7.50	1105	0.1	3.6		
9.80					
10.90	1106	<0.1	<1		
12.50	1107	<0.1	<1		
15.40					
16.90	1108	<0.1	2.8		
18.40	1109	<0.1	<1		
19.70	1110	<0.1	<1		
27.20					
28.40	1111	0.1	<1		
29.50	1112	0.1	<1		

GEOLOGIC CORE LOG OF MJML-12 (1/1)

1/200

MJML-12(1/1) 0 m ~ 30 m

Level 964.0 m Direction 520° W
X 69,639.0 m Inclination -25°
Y 59,292.0 m Length 30.0 m



DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
3.20					
4.50	BM-1201	0.2	<1		
5.70	1202	<0.1	<1		
6.60	1203	<0.1	<1		
7.60	1204	<0.1	<1		
12.70					
13.90	1205	<0.1	<1		
14.80	1206	<0.1	<1		
16.00	1207	0.2	<1		
16.90	1208	<0.1	<1		
17.70	1209	0.4	<1		
19.10	1210	<0.1	<1		
20.00	1211	<0.1	<1		
21.60	1212	<0.1	<1		
22.80	1213	<0.1	<1		
23.50	1214	<0.1	<1		
24.50	1215	<0.1	<1		
25.50	1216	<0.1	<1	25.30	BM12-1
26.60	1217	<0.1	<1		
27.40	1218	<0.1	<1		
29.10	1219	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-13(1/1)

1/200

MJML-13(1/1) 0 m ~ 30 m

Level 962.0 m Direction 520° W
X 69,229.0 m Inclination -75°
Y 59,216.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	1.00	0 ~ 1.00 m soil w/rock frags
	2.00	1.00 ~ 2.00 m weathered sdy phy
		2.00 ~ 17.80 m grey sdy phy
	7.60	7.60 ~ 13.20 m few qz, limo vls. (w=0.1~1cm, int=1~5cm)
	8.60	8.60 ~ 13.20 m frac. zone
	13.20	
	17.80	17.80 ~ 20.30 m blk phy
	18.90	18.90 ~ 19.60 m frac. zone
	19.60	
	20.30	20.30 ~ 30.00 m grey silic. phy
	21.20	21.20 ~ 25.60 m frac. zone
	22.40	22.40 ~ 25.60 m few qz, py, limo vls
	25.60	
	30.00	30.00 m bottom of the hole

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
7.60					
8.60	BM-130	<0.1	<1		
9.60	1302	<0.1	<1		
10.40	1303	<0.1	<1		
11.40	1304	<0.1	<1		
12.20	1305	<0.1	<1		
13.20	1306	<0.1	<1		
22.40					
23.20	1307	<0.1	<1		
24.10	1308	<0.1	<1		
25.60	1309	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-14 (1/1)

1/200

MJML-14 (1/1) 0 m ~ 30 m

Level 982.0 m Direction 520° W
X 69,836.0 m Inclination -75°
Y 57,206.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
	0.90	0 ~ 0.90 m soil w/ rock frag						
		0.90 ~ 2.70 m weathered sdy phy						
	2.70	2.70 ~ 17.80 m grey silic. sdy phy						
	6.10	6.10 ~ 6.60 m frac. zone						
	6.60							
	7.30	7.30 ~ 7.80 m frac. zone w/ few qz	7.30					
	7.80		8.20	BM-140	<0.1	<1		
	9.10	9.10 ~ 9.40 m frac. zone w/ qz V.	9.40	1402	<0.1	<1		
	9.40	9.70 ~ 10.40 m frac. zone w/ few qz	10.40	1403	<0.1	<1		
	10.40							
	14.10	14.10 ~ 16.80 m few qz vls	14.10					
	15.40	15.40 ~ 15.70 m frac. zone w/ qz V.	15.30	1404	<0.1	<1		
	15.70							
	16.80		16.80	1405	<0.1	<1		
	17.80	17.80 ~ 22.90 m dk grey phy						
	22.90	22.90 ~ 24.20 m grey silic. sdy phy						
	24.20	24.20 ~ 24.70 m brownish grey str. silic sdy phy	24.20					
	24.70	24.70 ~ 27.60 m frac. zone w/ clay & few qz V.	24.70	1406	<0.1	<1		
			25.80	1407	<0.1	<1		
			26.80	1408	<0.1	<1		
	27.60	27.60 ~ 29.30 m qz vls (w=0.1-0.2 m, net work)	27.60	1409	<0.1	<1		
			28.50	1410	<0.1	<1		
	29.30	29.30 ~ 30.00 m frac. zone w/ clay & few qz V.	29.30	1411	<0.1	<1		
	30.00	30.00 m Bottom of the hole	30.00	1412	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-15(1/1)

1/200

MJML-15(1/1) 0 m ~ 30 m

Level 996.0 m Direction 520°W
X 69,908.0 m Inclination -75°
Y 89,188.0 m Length 30.0 m

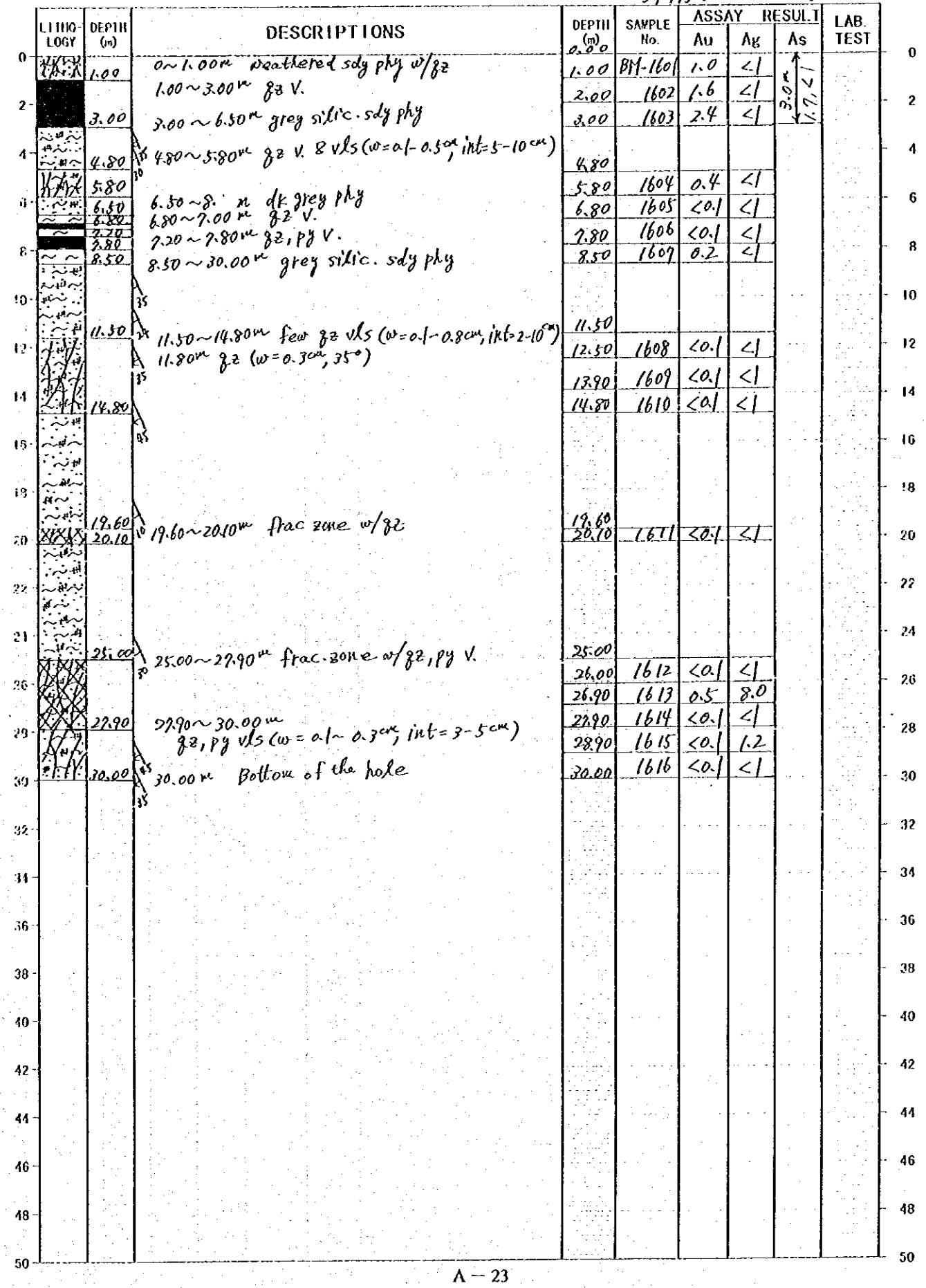
LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
		0~2.40m soil w/rock frag.						
	2.40	2.40~6.40m grey silic sdy phy						
		6.40~13.40m dk grey silic phy						
	6.40	6.40~7.50m frac zone w/gz V.	6.40					
	7.50		7.50	BM-1501	<0.1	3.2		
	8.30	8.30~8.80m gz, py V	8.30					
	8.80		8.80	1502	<0.1	2.8		
	9.50	9.50~10.00m gz, py V	9.50	1503	0.2	<1		
	10.00	10.00~11.20m frac. zone w/gz. V.	10.00	1504	0.1	<1		
	11.20	11.20~11.90m gz, py V.	10.60	1505	<0.1	<1		
	11.90	11.90~13.40m frac zone w/gz V	11.20	1506	<0.1	<1		
	13.40	13.40~30.00m grey silic. sdy phy	11.90	1507	0.2	<1		
	14.60		12.80	1508	0.2	<1		
	15.20	14.60~15.20m frac zone w/gz V.	13.40	1509	<0.1	4.0		
			14.60					
			15.20	1510	0.8	<1		
	24.20	24.20~26.20m gz V & vls (w=0.2~4cm, int=2~5cm)	24.20					
	26.20		26.20	1511	0.2	<1		
	28.00	28.00~28.90m gz, py V	28.00					
	28.90		28.90	1512	0.5	<1	29.70	BHIS-1
	29.20	28.90~29.70m gz V & vls (w=0.2-3cm, int=2-5cm)	29.70	1513	0.5	<1		
	30.00	30.00m Bottom of the hole						

GEOLOGIC CORE LOG OF MJML-16(1/1)

1/200

MJML-16(1/1) 0 m ~ 30 m

Level 1,003.0 m Direction S20°W
X 69,961.0 m Inclination -75°
Y 59,175.0 m Length 30.0 m



DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
0.00					
1.00	BM-1601	1.0	<1	3.0m 1.7, <1	
2.00	1602	1.6	<1		
3.00	1603	2.4	<1		
4.80					
5.80	1604	0.4	<1		
6.80	1605	<0.1	<1		
7.80	1606	<0.1	<1		
8.50	1607	0.2	<1		
11.50					
12.50	1608	<0.1	<1		
13.90	1609	<0.1	<1		
14.80	1610	<0.1	<1		
19.60					
20.10	1611	<0.1	<1		
25.00					
26.00	1612	<0.1	<1		
26.90	1613	0.5	8.0		
27.90	1614	<0.1	<1		
28.90	1615	<0.1	1.2		
30.00	1616	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-17 (1/1)

1/200

MJML-17 (1/1) 0 m ~ 30.0 m

Level 970.0 m Direction 520° W
X 70,113.0 m Inclination -75°
Y 59,113.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	0	0 ~ 2.30m weathered sdy phy
	2.30	2.30 ~ 12.60m grey sdy phy
	3.00	3.00 ~ 3.50m qz V
	3.50	
	4.90	4.90 ~ 5.70m qz V
	5.70	5.70 ~ 6.40m frac. zone w/ few qz
	6.40	
	9.20	9.70 ~ 10.60m few qz, py vls (w=0.1~0.5cm, int= 3~10cm)
	10.60	10.60 ~ 11.50m frac. zone
	11.50	11.70m qz, py V. (w=0.5cm, 28°)
	12.50	12.50 ~ 30.00m dk grey phy
	13.50	13.50 ~ 14.30m frac. zone
	14.30	
	16.60	16.60 ~ 19.50m frac. zone of silic. phy w/qz vls & dissem. py
	19.50	
	20.10	20.10 ~ 20.40m frac. zone
	20.40	20.40 ~ 21.40m silic. phy w/qz vls & dissem. py
	21.40	
	22.00	22.00 ~ 245.50m str. silic. phy w/qz vls & py
	24.50	24.50 ~ 26.10m frac. zone of silic. phy w/qz vls & dissem py
	26.10	
	26.40	26.40 ~ 22.00m frac. zone
	22.00	27.00 ~ 30.00m silic. phy w/qz vls & dissem py
	30.00	30.00m Bottom of the hole

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
3.00					
3.50	BM-1701	0.1	<1		
4.90					
5.70	1702	<0.1	<1		
6.40	1703	<0.1	<1		
9.20					
10.60	1704	<0.1	<1		
11.50	1705	<0.1	<1		
12.50	1706	<0.1	<1		
13.50	1707	0.2	<1		
16.60					
17.70	1708	0.1	3.6		
18.60	1709	<0.1	<1		
19.50	1710	<0.1	3.2		
20.40	1711	<0.1	<1		
21.40	1712	<0.1	6.8		
22.00	1713	<0.1	<1		
23.20	1714	<0.1	<1		
24.50	1715	<0.1	<1		
25.30	1716	<0.1	<1		
26.40	1717	<0.1	2.4		
27.50	1718	<0.1	<1		
28.50	1719	<0.1	<1		
29.20	1720	<0.1	<1		
30.00	1721	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-18 (1/1)

1/200

MJML-18 (1/1) 0 m ~ 30 m

Level 948.0 m Direction 520° W
X 70,251.0 m Inclination -75°
Y 59,414.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	0	0~3.30m weathered phy
	3.30	3.30~4.70m dk grey phy
	4.70	4.70~30.00m grey silic. sdy phy
	8.50	8.50~9.50m qz, py, chl vls (w=0.1-0.2m int=2-4cm)
	9.50	9.50~10.90m frac zone w/qz, py, chl V. (w=0.1~5cm)
	10.90	10.90~11.90m qz vls (w=0.1-0.2cm int=2-5cm)
	11.90	11.90-12.15m qz V.
	12.15	
	13.90	13.90~14.10m qz, py, chl V (45°)
	14.10	14.10-15.70m qz, py vls (w=0.1~0.3cm, int=3-5cm)
	15.70	15.70~16.10m frac. zone w/qz V.
	16.10	16.50~17.00m frac. zone w/qz V.
	16.50	17.00~17.60m qz, py, chl vls
	17.00	17.60~19.00m qz, py, chl V.
	19.00	19.00~19.35m qz, py, chl V.
	19.35	19.35~24.30m qz V. & vls (w=0.1~7cm int=2-4cm, partly network)
	24.30	21.40m qz, py V (3cm)
		22.00m qz, py, chl V (w=5-7cm)
	26.30	26.30~27.30m qz vls (w=0.1-0.2cm; int=1-3cm)
	27.30	
	30.00	30.00m Bottom of the hole

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
8.50					
9.80	BM-1801	0.4	<1	3.10 ~ 10.5, <1	
10.10	1802	0.4	<1		
10.90	1803	0.8	1.6		
11.60	1804	0.4	<1		
12.15	1805	<0.1	<1	11.80	BM18-1
13.90	1806	0.4	<1		
14.90	1807	0.1	<1		
15.70	1808	0.1	<1		
16.50	1809	0.4	<1		
17.60	1810	0.2	<1		
19.00	1811	0.2	<1		
19.35	1812	0.1	1.6		
20.40	1813	<0.1	<1		
21.50	1814	0.4	1.6		
22.20	1815	0.4	<1	22.15	BM18-2
23.40	1816	<0.1	<1		
24.30	1817	0.1	<1		
26.30					
27.30	1818	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-19 (1/1)

1/200

MJML-19 (1/1) 10 m ~ 30 m

Level 948.0 m Direction 520° W
X 20,317.0 m Inclination -75°
Y 59,650.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		0~3.30m weathered phy
	3.30	3.30~7.65m dk. grey phy
	5.00	5.0~5.90m frac zone
	5.90	6.20~6.80m frac. zone
	6.20	
	6.80	6.80~7.65m qz, py vls
	7.65	7.65~12.20m grey sdy ph
	9.90	9.80m qz V (w=0.2cm, 35°)
		9.90~12.20m frac. zone
	12.20	12.20~27.90m blk phy
	15.10	15.10~15.80m frac. zone w/ qz, limo, clay
	15.80	15.80~18.20m frac. zone w/ few qz vls
	18.30	
	20.00	20.00~20.70m frac zone
	20.70	
	21.20	21.20~21.90m few qz vls (w=0.1-0.3cm)
	21.90	
	22.65	23.65~23.80m qz, py V
	23.80	
	24.50	24.50~25.30m few qz vls (w=0.1-0.2cm)
	25.30	
	26.10	26.10~27.20m frac. zone
	27.20	
	27.70	27.70~30.00m grey silic. sdy phy
	27.90	27.90~30.00m frac. zone
	30.00	30.00m Bottom of the hole

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
6.80					
7.65	BM-1901	<0.1	<1		
15.10					
15.80	1902	<0.1	<1		
17.10	1903	0.4	<1		
18.20	1904	0.1	<1		
21.20					
21.90	1905	0.2	<1		
22.90	1906	0.4	<1		
23.80	1907	5.8	<1		
24.50	1908	0.2	<1		
25.30	1909	0.4	<1		
27.90					
28.00	1910	0.4	<1		
30.00	1911	<0.1	<1		

GEOLOGIC CORE LOG OF MJML-20 (1/1)

1/200

MJML-20 (1/1) 0 m ~ 30 m

Level 994.0 m Direction S20°W
X 90,428.0 m Inclination -75°
Y 59,000.0 m Length 30.0 m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		0~2.20m weathered phy
	2.20	2.20~5.00m dk grey phy
	5.00	5.00~5.50m frac zone w/gz V(max. 2cm)
	5.50	5.50~5.90m grey sdy phy
	5.90	5.90~7.00m frac. zone of gz V & clay
	7.00	7.00~7.50m grey sdy phy w/gz V. & Vls
	7.50	7.50~30.00m grey phy
	8.00	8.00~8.90m frac. zone w/gz V (max. 3cm)
	8.90	
	11.80	11.80~13.80m gz V. & Vls (ω=0.1~3cm, int=2-4cm)
	13.80	
	16.80	16.80~17.80m gz V & Vls (ω=0.1~1cm, int=3-7cm)
	17.80	
	20.70	20.70~21.30m gz V. & Vls (ω=0.1-1cm, int=3-10cm)
	21.30	22.50m gz, Pg V (ω=2.5cm, 35°)
		26.4m gz V (ω=0.2cm, 25°)
	30.00	30.00m Bottom of the hole

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
3.80					
5.00	BM-2001	0.2	<1		
6.10	2002	0.6	<1		
7.00	2003	0.2	<1		
7.50	2004	0.4	<1		
8.00	2005	0.1	<1		
8.90	2006	0.4	<1		
11.80					
12.80	2007	0.4	<1	12.00	BM20-1
13.80	2008	0.4	<1	13.10	BM20-2
16.80					
17.80	2009	2.0	<1		
20.20					
21.30	2010	0.8	<1		
22.50	2011	0.2	1.2		

GEOLOGIC CORE LOG OF MJML-21 (1/1)

1/200

MJML-21(1/1) 0 m ~ 30 m

Level 967.0 m Direction 520° W
X 20,499.0 m Inclination -75°
Y 58,948.0 m Length 30.0 m

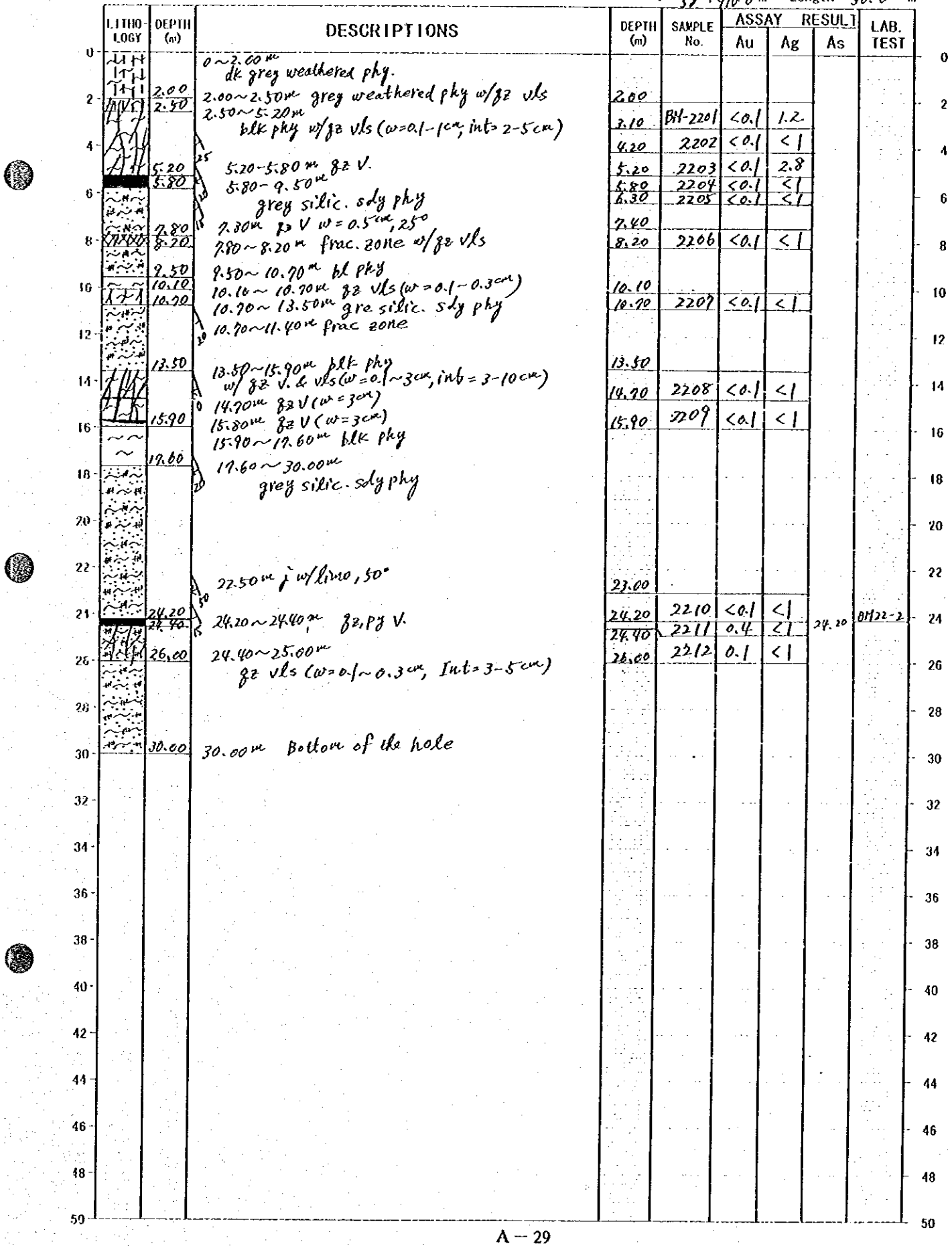
LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
		0~1.80m weathered sdy phy						
	1.80	1.80~8.00m dk grey sdy phy						
		3.90m qz V.(ω=0.1-0.3cm, 5°;45°)						
	8.00	8.00~8.60m dk grey silic phy						
	8.60	8.60~24.00m grey silic phy						
		10.0m qz (ω=0.3cm, 25°)						
	12.10	12.10~12.70m frac. zone						
	12.70							
	14.40	14.40~15.40m qz V. & Vls (ω=0.3-1cm)	14.40					
	15.40		15.40	BM-2101	0.6	<1		
			16.40	2102	0.1	<1		
	17.20	17.20-17.60m qz, Py V	17.20	2103	0.6	<1	2.10	BM21-1
	17.60		17.60	2104	0.8	<1	<1	
	18.50	17.60-18.50m qz, Py Vls (ω=0.1-0.3cm; int=3-10cm)	18.50	2105	0.6	<1	0.6	
	23.10	23.10~24.30m qz, Py Vls (ω=0.1-1cm)	23.10					
	24.60	24.00~25.60m dk grey phy	24.30	2106	<0.1	1.8		
	24.30							
	25.60	25.60~30.00m grey sdy phy						
		27.20m qz V (ω=3cm, 5°)	27.20					
		29.00~29.20m qz, Py V (5°)	28.40	2107	0.6	<1		
			29.20	2108	0.1	<1		
	30.00	30.00m Bottom of the hole						

GEOLOGIC CORE LOG OF MJML-22 (1/1)

1/200

MJML-22(1/1) 0 m ~ 30.0 m

Level 955.0 m Direction 520° W
X 70·681·0 m Inclination -75°
Y 59·910·0 m Length 30.0 m



LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	2.00	0~2.00m dk grey weathered phy.
	2.50	2.00~2.50m grey weathered phy w/gz vls
	5.20	2.50~5.20m blk phy w/gz vls (w=0.1-1cm, int=2-5cm)
	5.80	5.20~5.80m gz V.
	7.80	5.80~9.50m grey silic. sdy phy
	8.20	7.80m gz V w=0.5cm, 25°
	9.50	7.80~8.20m frac. zone w/gz vls
	10.10	9.50~10.70m bl phy
	10.70	10.10~10.70m gz vls (w=0.1~0.3cm)
	13.50	10.70~13.50m gre silic. sdy phy
	15.90	10.70~11.40m frac zone
	19.60	13.50~15.90m blk phy w/gz V. & vls (w=0.1~3cm, int=3-10cm)
	24.20	14.70m gz V (w=3cm)
	24.40	15.80m gz V (w=3cm)
	26.00	15.90~19.60m blk phy
	30.00	19.60~30.00m grey silic. sdy phy
		22.50m j w/limo, 50°
		24.20~24.40m gz, py V.
		24.40~25.00m gz vls (w=0.1~0.3cm, Int=3-5cm)
		30.00m Bottom of the hole

DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	As	LAB. TEST
2.00					
3.10	BM-2201	<0.1	1.2		
4.20	2202	<0.1	<1		
5.20	2203	<0.1	2.8		
5.80	2204	<0.1	<1		
6.30	2205	<0.1	<1		
7.40					
8.20	2206	<0.1	<1		
10.10					
10.70	2207	<0.1	<1		
13.50					
14.70	2208	<0.1	<1		
15.90	2209	<0.1	<1		
23.00					
24.20	2210	<0.1	<1	24.20	BM22-2
24.40	2211	0.4	<1		
26.00	2212	0.1	<1		

Appendix 2. Results of Laboratory Works

Appendix 2-1 List of Laboratory Works

Items	Quantity	
	Drilling survey	Total
1. Thin section	5	5
2. Polished section	6	6
3. Ore analysis (Au,Ag)	312	312
4. Fluid inclusion test	11	11

Appendix 2-2 Microscopic Observations of the Thin Sections

Apendix 2-2 Microscopic Observation of the Thin Sections

No.	Sample No	Locality		Sample Name	Primary minerals						Secondary minerals															Remarks
		Drill Hole	Depth		Qz	Pl	Kf	Bi	Ms	Hb	Qz	Pl	Kf	Ms	Chl	Bi	Ep	Ga	Cal	And	Sph	Gr	To	Ap	Hm	Gt	
1	BA15-3	MJSN-15	79.45 m	Andalusite-muscovite schist							○			◎						○		△	△	△	・	△	And : wholly replaced by Ms
2	BA16-1	MJSN-16	49.20 m	Hematite-tourmaline-muscovite schist							○			◎									○		△	△	With ptygmatic Qz vein
3	BM12-1	MJML-12	25.30 m	Garnet-epidote-chlorite schist (Meta-hornblende diorite)						○	○				△		△	△			・			・	・	・	
4	BM18-1	MJML-18	11.80 m	Muscovite-chlorite-biotite schist							○			△	△	○						・	・	・	・	・	
5	BM22-1	Near MJML-22	Outcrop	Garnet-epidote-chlorite schist (Meta-hornblende diorite)						○	○	○			△		△	△			・			・	・	・	

[Abbreviation]

And : andalusite, Ap : apatite, Bi : biotite, Cal : calcite, Chl : chlorite, Ep : epidote, Ga : garnet, Gr : graphite, Gt : goethite, Hb : hornblende, Hm : hematite, Kf : K-feldspar, Ms : muscovite, Qz : quartz, Pl : plagioclase, Sph : sphene, To : tourmaline

[Legend]

◎ : Abundant ○ : Common △ : Poor ・ : Rare

[Primary/Secondary]

Primary=igneous origin, Secondary=meetamorphic origin

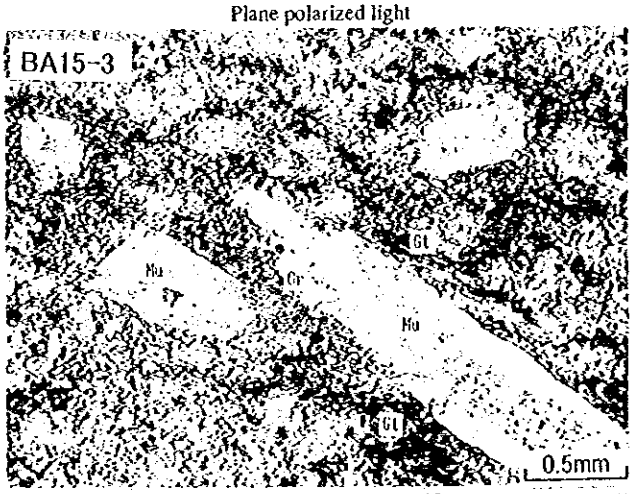
Appendix 2-3 Photomicrographs of the Thin Sections

Abbreviations

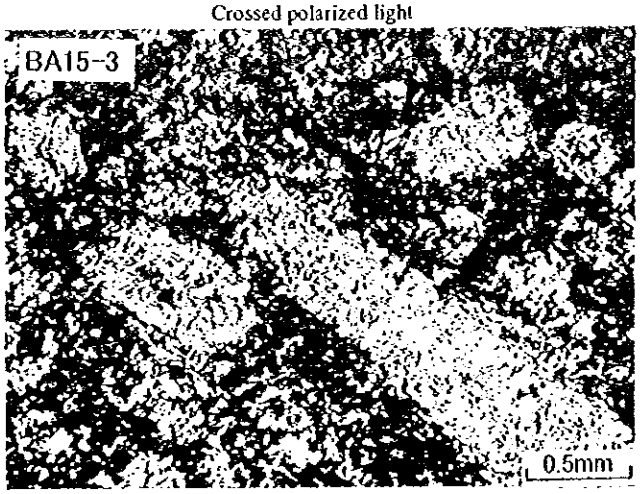
Bt	:	Biotite
Ch	:	Chlorite
Ep	:	Epidote
Ga	:	Garnet
Gr	:	Graphite
Gt	:	Goethite,
Hb	:	Hornblende
Hm	:	Hematite
Mu	:	Muscovite
Qz	:	Quartz
Pl	:	Plagioclase
Sph	:	Sphene
To	:	Tourmaline

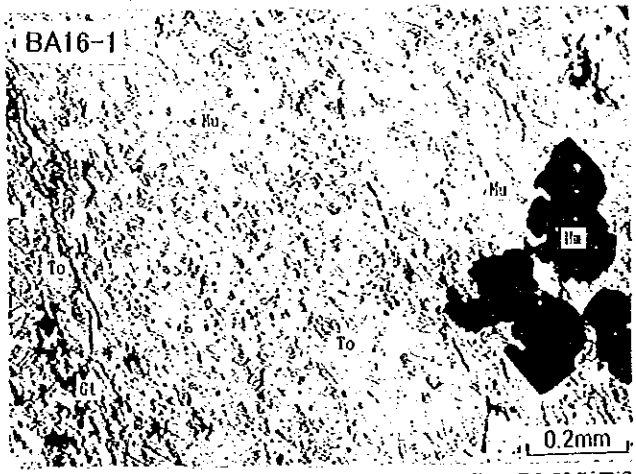
Appendix 2-3 Photomicrographs of the Thin Sections

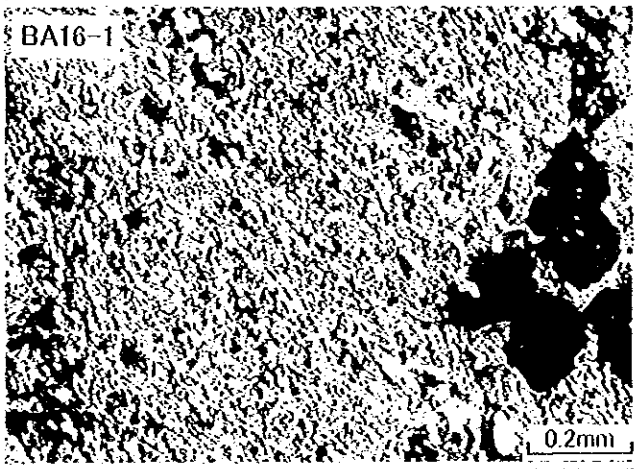
Plane polarized light

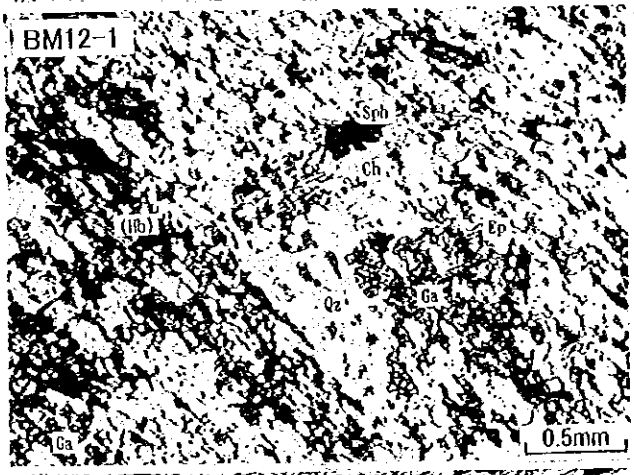


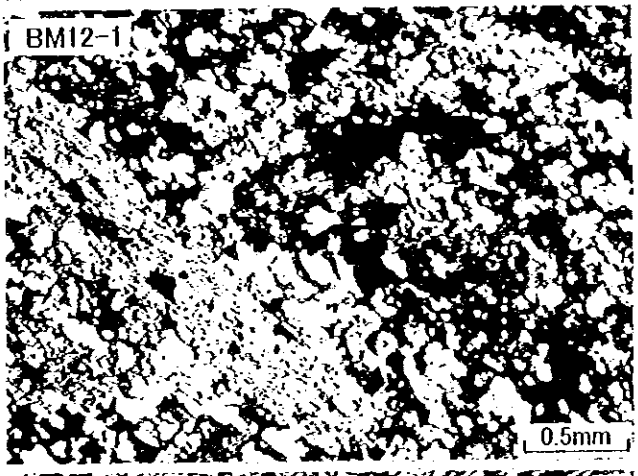
Crossed polarized light

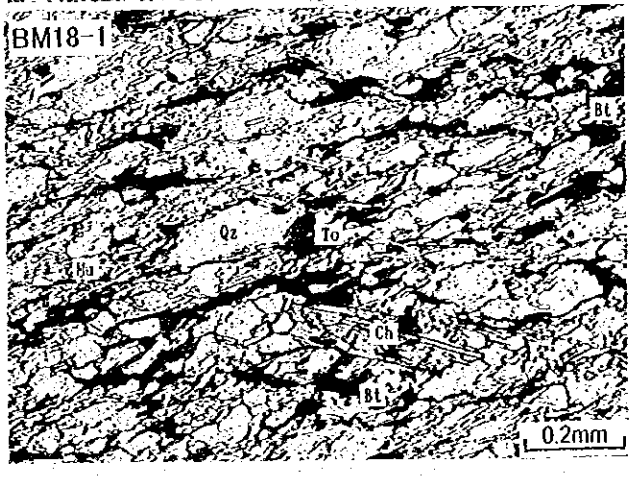


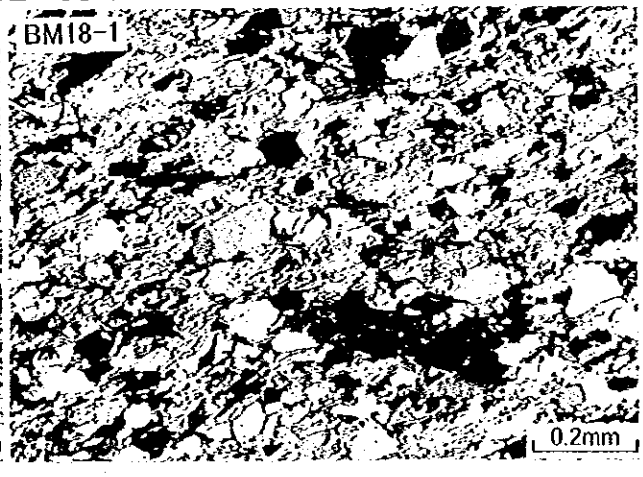






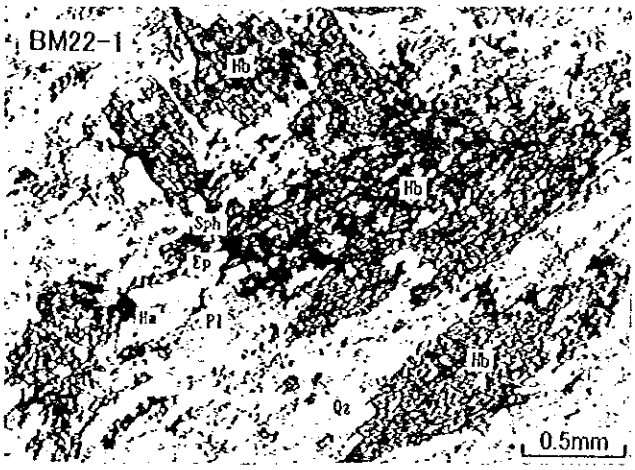




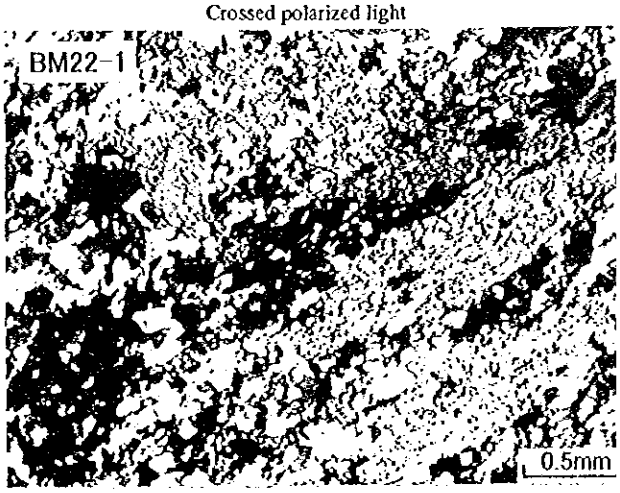


Appendix 2-3 Photomicrographs of the Thin Sections

Plane polarized light



Crossed polarized light



Appendix 2-4 Microscopic Observations of the Polished Thin Sections

Apendix 2-4 Microscopic Observation of the Polished Thin Sections

No.	Sample no.	Locality	Depth(m)	Gar	Cpx	Hb	Pl	Kf	Qtz	Chl	Ep	Ms	Bi	Se	Sphn	Tm	Vesuv	Pr	Wo	Cal	Mgt	Ilm	Hm	Go	Cp	Bn	Py	Po	Mc	Sph	Tet	Apy	Cc	Cov	El	Bi-Te
1	BA15-2	MJSN-15	45.80						◎			○				○								☆			☆									
2	BA16-2	MJSN-16	50.30					☆	◎			○								☆				☆			☆									
3	BM3-1	MJML-3	11.70					☆	◎															○			○									
4	BM18-2	MJML-18	22.15						◎	△		☆	☆											☆												
5	BM20-2	MJML-20	13.70						◎	☆		☆	☆																							
6	BM21-1	MJML-21	17.30						◎	☆		☆	△																							

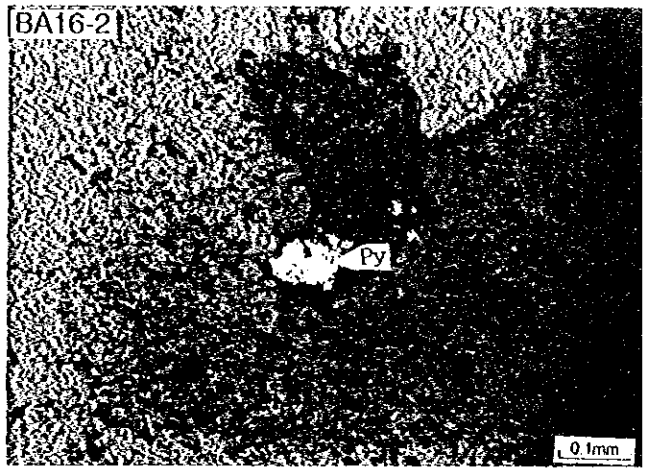
Gar=Garnet, Cpx=Clinopyroxene, Hb=Amphiboles, Pl=Plagioclase, Kf=Potash feldspar, Qtz=Quartz, Chl=Chlorite, Ep=Epidote,Ms=Muscovite
Bi=Biotite, Se=Sericite, Sphn=Sphene, Tm=Tourmaline, Vesuv=Vesuvianite, Pr=Prehnite, Wo=Wollastonite, Cal=Calcite
Mgt=Magnetite, Ilm=Ilmenite, Hm=Hematite, Go=Goethite, Cp=Chalcopyrite, Bn=Bornite, Py=Pyirte, Po=Pyhhrotite, Mc=Macasite
Sph=Sphalerite, Tet=Tetrahedrite-series, Apy=Arsenopyrite, Cc=Chalcocite, Cov=Covelline, El=Electrum, Bi-Te=Bi-Te series

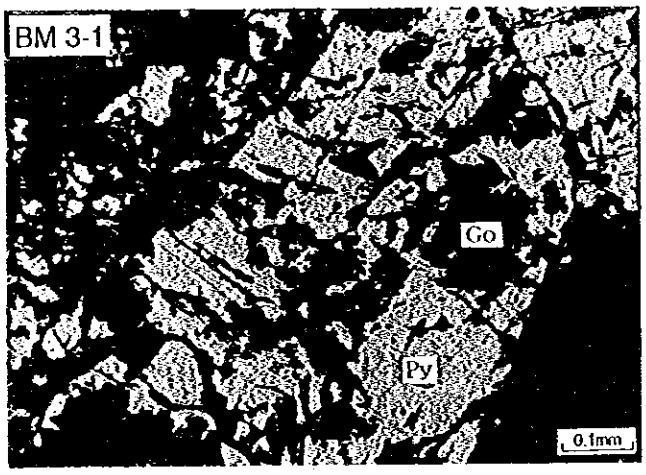
Appendix 2-5 Photomicrographs of the Polished Thin Sections

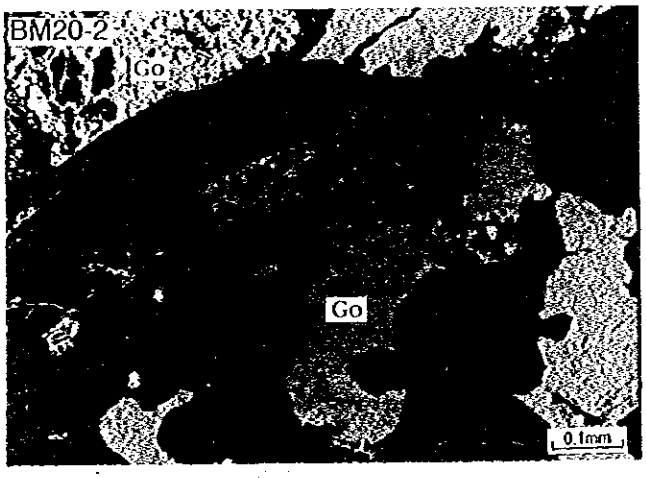
Abbreviations

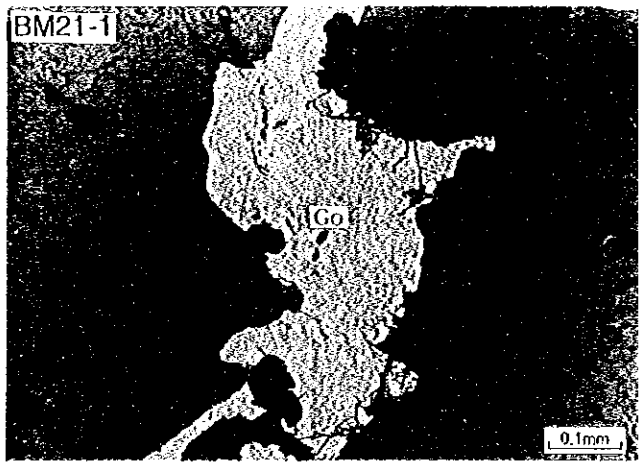
Kf	:	K-feldspar
Qtz	:	Quartz
Chl	:	Chlorite
Ms	:	Muscovite
Bi	:	Biotite
Tm	:	Tourmaline
Go	:	Goethite
Py	:	Pyrite

Appendix 2-5 Photomicrographs of the Polished Sections









Appendix 2-6 Assay Results of the Ore Samples

Appendix 2-6 (1) Assay Results of Ore Samples (Altynsai Drillcore)

No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
1	BA- 1501	11.70 ~ 13.00	1.30	0.2	<1	
2	BA- 1502	13.00 ~ 14.40	1.40	0.9	8.2	
3	BA- 1503	14.40 ~ 15.70	1.30	0.2	<1	
4	BA- 1504	15.70 ~ 16.90	1.20	0.4	6.8	
5	BA- 1505	29.00 ~ 30.00	1.00	13.6	9.2	
6	BA- 1506	30.00 ~ 31.00	1.00	11.2	3.8	
7	BA- 1507	32.70 ~ 33.90	1.20	1.6	4.8	
8	BA- 1508	33.90 ~ 34.90	1.00	0.4	<1	
9	BA- 1509	36.40 ~ 37.60	1.20	0.5	1.8	
10	BA- 1510	37.60 ~ 38.80	1.20	0.8	<1	
11	BA- 1511	39.80 ~ 40.90	1.10	0.2	<1	
12	BA- 1512	43.60 ~ 44.60	1.00	0.2	<1	
13	BA- 1513	44.60 ~ 45.30	0.70	1.2	0.4	
14	BA- 1514	45.30 ~ 46.15	0.85	0.8	<1	
15	BA- 1515	46.15 ~ 47.20	1.05	0.4	3.6	
16	BA- 1516	47.20 ~ 48.60	1.40	0.4	2.8	
17	BA- 1517	51.50 ~ 52.70	1.20	0.6	<1	
18	BA- 1518	53.60 ~ 54.60	1.00	<0.1	1.2	
19	BA- 1519	54.60 ~ 55.50	0.90	0.1	<1	
20	BA- 1520	55.50 ~ 56.40	0.90	0.1	2.4	
21	BA- 1521	56.40 ~ 57.70	1.30	0.6	2.2	
22	BA- 1522	57.70 ~ 58.80	1.10	0.4	2.4	
23	BA- 1523	58.80 ~ 60.20	1.40	0.2	<1	
24	BA- 1524	60.20 ~ 61.70	1.50	0.8	1.8	
25	BA- 1525	63.40 ~ 64.30	0.90	0.1	3.8	
26	BA- 1526	64.30 ~ 65.30	1.00	0.2	<1	
27	BA- 1527	67.80 ~ 69.20	1.40	0.2	<1	
28	BA- 1528	69.20 ~ 71.10	1.90	2.0	1.6	
29	BA- 1529	74.50 ~ 75.90	1.40	0.4	2.4	
30	BA- 1530	75.90 ~ 76.90	1.00	0.4	<1	
31	BA- 1531	76.90 ~ 78.20	1.30	0.4	<1	
32	BA- 1532	85.70 ~ 87.00	1.30	0.2	<1	
33	BA- 1533	87.00 ~ 87.85	0.85	0.7	3.2	
34	BA- 1534	90.20 ~ 91.50	1.30	1.8	<1	
35	BA- 1535	99.40 ~ 100.70	1.30	0.1	3.6	
36	BA- 1601	5.80 ~ 6.80	1.00	0.4	<1	
37	BA- 1602	6.80 ~ 7.80	1.00	0.2	<1	
38	BA- 1603	11.00 ~ 12.40	1.40	0.4	<1	
39	BA- 1604	12.40 ~ 13.50	1.10	1.2	<1	
40	BA- 1605	13.50 ~ 14.80	1.30	0.2	<1	
41	BA- 1606	14.80 ~ 16.30	1.50	<0.1	<1	
42	BA- 1607	18.10 ~ 19.50	1.40	0.4	<1	
43	BA- 1608	20.20 ~ 21.60	1.40	0.4	<1	
44	BA- 1609	24.30 ~ 25.60	1.30	0.2	1.6	
45	BA- 1610	25.60 ~ 27.00	1.40	0.6	<1	
46	BA- 1611	27.00 ~ 28.30	1.30	0.4	<1	
47	BA- 1612	31.30 ~ 32.30	1.00	0.4	<1	
48	BA- 1613	32.30 ~ 33.40	1.10	0.4	<1	
49	BA- 1614	39.95 ~ 41.20	1.25	0.8	<1	
50	BA- 1615	41.20 ~ 42.40	1.20	0.8	<1	
51	BA- 1616	42.40 ~ 43.90	1.50	0.8	<1	
52	BA- 1617	43.90 ~ 45.20	1.30	2.8	<1	
53	BA- 1618	45.20 ~ 47.00	1.80	1.6	<1	
54	BA- 1619	47.00 ~ 48.20	1.20	2.8	<1	
55	BA- 1620	48.20 ~ 49.80	1.60	0.8	<1	
56	BA- 1621	49.80 ~ 51.00	1.20	44.8	6.8	
57	BA- 1622	51.00 ~ 51.80	0.80	1.8	<1	
58	BA- 1623	58.20 ~ 59.30	1.10	0.8	1.6	

Appendix 2-6 (2) Assay Results of Ore Samples (Maulyan Drillcore)

No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
1	BM- 301	5.90 ~ 6.70	0.80	0.6	<1	
2	BM- 302	6.70 ~ 7.70	1.00	1.3	<1	
3	BM- 303	7.70 ~ 8.10	0.40	5.6	<1	
4	BM- 304	8.10 ~ 8.80	0.70	2.4	<1	
5	BM- 305	8.80 ~ 9.80	1.00	1.2	<1	
6	BM- 306	9.80 ~ 10.40	0.60	0.8	<1	
7	BM- 307	10.40 ~ 11.00	0.60	0.2	<1	
8	BM- 308	11.00 ~ 11.80	0.80	<0.1	<1	
9	BM- 309	11.80 ~ 13.40	1.60	<0.1	<1	
10	BM- 310	14.90 ~ 15.70	0.80	<0.1	<1	
11	BM- 311	17.90 ~ 18.70	0.80	<0.1	1.6	
12	BM- 312	23.30 ~ 23.70	0.40	<0.1	6.0	
13	BM- 401	3.20 ~ 4.20	1.00	<0.1	7.2	
14	BM- 402	4.20 ~ 5.00	0.80	<0.1	2.0	
15	BM- 403	5.00 ~ 6.20	1.20	<0.1	<1	
16	BM- 404	6.20 ~ 6.60	0.40	<0.1	<1	
17	BM- 405	6.60 ~ 7.10	0.50	<0.1	<1	
18	BM- 406	7.10 ~ 8.10	1.00	0.2	<1	
19	BM- 407	8.10 ~ 8.90	0.80	0.3	<1	
20	BM- 408	8.90 ~ 10.00	1.10	<0.1	<1	
21	BM- 409	10.00 ~ 11.00	1.00	<0.1	<1	
22	BM- 410	15.00 ~ 16.00	1.00	<0.1	<1	
23	BM- 411	16.00 ~ 17.00	1.00	<0.1	<1	
24	BM- 412	17.00 ~ 18.00	1.00	<0.1	<1	
25	BM- 413	18.00 ~ 19.00	1.00	<0.1	<1	
26	BM- 414	19.00 ~ 20.00	1.00	<0.1	<1	
27	BM- 415	23.00 ~ 24.00	1.00	<0.1	<1	
28	BM- 416	24.00 ~ 25.00	1.00	<0.1	<1	
29	BM- 417	25.00 ~ 26.00	1.00	<0.1	<1	
30	BM- 418	26.00 ~ 27.00	1.00	<0.1	<1	
31	BM- 419	27.00 ~ 28.00	1.00	0.2	<1	
32	BM- 501	4.70 ~ 5.60	0.90	9.6	2.0	
33	BM- 502	5.60 ~ 6.10	0.50	<0.1	<1	
34	BM- 503	15.20 ~ 15.70	0.50	1.5	<1	
35	BM- 504	15.70 ~ 16.90	1.20	0.8	<1	
36	BM- 505	23.20 ~ 24.20	1.00	0.2	<1	
37	BM- 601	2.00 ~ 2.80	0.80	<0.1	<1	
38	BM- 602	2.80 ~ 3.40	0.60	<0.1	<1	
39	BM- 603	5.90 ~ 6.80	0.90	0.5	<1	
40	BM- 604	7.90 ~ 8.70	0.80	<0.1	<1	
41	BM- 605	8.70 ~ 9.40	0.70	<0.1	<1	
42	BM- 606	10.70 ~ 11.30	0.60	<0.1	<1	
43	BM- 607	11.30 ~ 12.10	0.80	<0.1	<1	
44	BM- 608	24.00 ~ 24.80	0.80	<0.1	<1	
45	BM- 609	24.80 ~ 25.50	0.70	<0.1	<1	
46	BM- 610	28.60 ~ 29.60	1.00	<0.1	<1	
47	BM- 701	1.00 ~ 1.60	0.60	<0.1	<1	
48	BM- 702	4.30 ~ 5.20	0.90	<0.1	<1	

Appendix 2-6 (3) Assay Results of Ore Samples (Maulyan Drillcore)

No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
49	BM- 703	5.20 ~ 6.30	1.10	<0.1	<1	
50	BM- 704	11.10 ~ 12.20	1.10	0.2	<1	
51	BM- 705	19.70 ~ 21.00	1.30	<0.1	<1	
52	BM- 706	22.50 ~ 23.60	1.10	0.2	<1	
53	BM- 707	25.70 ~ 26.90	1.20	<0.1	<1	
54	BM- 801	1.00 ~ 2.60	1.60	<0.1	<1	
55	BM- 802	2.60 ~ 3.80	1.20	0.6	<1	
56	BM- 803	6.00 ~ 6.80	0.80	0.2	<1	
57	BM- 804	6.80 ~ 7.70	0.90	<0.1	<1	
58	BM- 805	9.40 ~ 11.00	1.60	<0.1	<1	
59	BM- 806	11.00 ~ 12.20	1.20	<0.1	<1	
60	BM- 807	24.80 ~ 25.80	1.00	2.2	2.4	
61	BM- 808	25.80 ~ 26.30	0.50	0.9	<1	
62	BM- 809	27.20 ~ 28.20	1.00	0.5	<1	
63	BM- 810	29.10 ~ 30.00	0.90	<0.1	<1	
64	BM- 901	4.60 ~ 5.60	1.00	0.4	<1	
65	BM- 902	5.60 ~ 7.10	1.50	0.4	<1	
66	BM- 903	7.10 ~ 8.30	1.20	<0.1	<1	
67	BM- 904	10.50 ~ 11.70	1.20	0.2	<1	
68	BM- 905	11.70 ~ 12.90	1.20	0.1	<1	
69	BM- 906	14.40 ~ 15.20	0.80	0.1	<1	
70	BM- 907	16.30 ~ 17.30	1.00	<0.1	<1	
71	BM- 908	17.30 ~ 18.70	1.40	<0.1	<1	
72	BM- 909	18.70 ~ 19.70	1.00	<0.1	<1	
73	BM- 910	19.70 ~ 20.70	1.00	0.1	<1	
74	BM- 911	22.70 ~ 23.70	1.00	<0.1	<1	
75	BM- 912	23.70 ~ 24.70	1.00	0.2	<1	
76	BM- 913	24.70 ~ 25.70	1.00	0.1	<1	
77	BM- 914	25.70 ~ 26.70	1.00	<0.1	<1	
78	BM- 915	26.70 ~ 27.90	1.20	0.1	<1	
79	BM- 916	27.90 ~ 29.00	1.10	<0.1	<1	
80	BM- 917	29.00 ~ 30.00	1.00	0.4	<1	
81	BM- 1001	5.60 ~ 7.00	1.40	<0.1	2.8	
82	BM- 1002	8.40 ~ 9.20	0.80	<0.1	2.0	
83	BM- 1003	9.20 ~ 10.70	1.50	<0.1	4.0	
84	BM- 1004	13.90 ~ 15.00	1.10	<0.1	4.0	
85	BM- 1005	15.00 ~ 16.10	1.10	<0.1	2.0	
86	BM- 1006	16.10 ~ 17.20	1.10	<0.1	2.0	
87	BM- 1007	17.20 ~ 18.60	1.40	<0.1	2.4	
88	BM- 1008	18.60 ~ 19.60	1.00	<0.1	1.6	
89	BM- 1009	19.60 ~ 20.60	1.00	<0.1	<1	
90	BM- 1010	20.60 ~ 21.70	1.10	<0.1	2.0	
91	BM- 1011	21.70 ~ 23.00	1.30	<0.1	3.6	
92	BM- 1012	23.00 ~ 24.20	1.20	<0.1	<1	
93	BM- 1101	2.20 ~ 3.50	1.30	1.4	3.2	
94	BM- 1102	3.50 ~ 4.50	1.00	1.4	2.8	
95	BM- 1103	4.50 ~ 5.70	1.20	2.0	<1	
96	BM- 1104	5.70 ~ 6.70	1.00	2.1	2.4	

Appendix 2-6 (4) Assay Results of Ore Samples (Maulyan Drillcore)

No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
97	BM- 1105	6.70 ~ 7.50	0.80	0.1	3.6	
98	BM- 1106	9.80 ~ 10.90	1.10	<0.1	<1	
99	BM- 1107	10.90 ~ 12.50	1.60	<0.1	<1	
100	BM- 1108	15.40 ~ 16.90	1.50	<0.1	2.8	
101	BM- 1109	16.90 ~ 18.40	1.50	<0.1	<1	
102	BM- 1110	18.40 ~ 19.70	1.30	<0.1	<1	
103	BM- 1111	27.20 ~ 28.40	1.20	0.1	<1	
104	BM- 1112	28.40 ~ 29.50	1.10	0.1	<1	
105	BM- 1201	3.20 ~ 4.50	1.30	0.2	<1	
106	BM- 1202	4.50 ~ 5.70	1.20	<0.1	<1	
107	BM- 1203	5.70 ~ 6.60	0.90	<0.1	<1	
108	BM- 1204	6.60 ~ 7.60	1.00	<0.1	<1	
109	BM- 1205	12.70 ~ 13.90	1.20	<0.1	<1	
110	BM- 1206	13.90 ~ 14.80	0.90	<0.1	<1	
111	BM- 1207	14.80 ~ 16.00	1.20	0.2	<1	
112	BM- 1208	16.00 ~ 16.90	0.90	<0.1	<1	
113	BM- 1209	16.90 ~ 17.70	0.80	0.4	<1	
114	BM- 1210	17.70 ~ 19.10	1.40	<0.1	<1	
115	BM- 1211	19.10 ~ 20.00	0.90	<0.1	<1	
116	BM- 1212	20.00 ~ 21.00	1.00	<0.1	<1	
117	BM- 1213	21.00 ~ 22.50	1.50	<0.1	<1	
118	BM- 1214	22.50 ~ 23.50	1.00	<0.1	<1	
119	BM- 1215	23.50 ~ 24.50	1.00	<0.1	<1	
120	BM- 1216	24.50 ~ 25.50	1.00	<0.1	<1	
121	BM- 1217	25.50 ~ 26.60	1.10	<0.1	<1	
122	BM- 1218	26.60 ~ 27.40	0.80	<0.1	<1	
123	BM- 1219	27.40 ~ 29.10	1.70	<0.1	<1	
124	BM- 1301	7.60 ~ 8.60	1.00	<0.1	<1	
125	BM- 1302	8.60 ~ 9.60	1.00	<0.1	<1	
126	BM- 1303	9.60 ~ 10.40	0.80	<0.1	<1	
127	BM- 1304	10.40 ~ 11.40	1.00	<0.1	<1	
128	BM- 1305	11.40 ~ 12.20	0.80	<0.1	<1	
129	BM- 1306	12.20 ~ 13.20	1.00	<0.1	<1	
130	BM- 1307	22.40 ~ 23.20	0.80	<0.1	<1	
131	BM- 1308	23.20 ~ 24.10	0.90	<0.1	<1	
132	BM- 1309	24.10 ~ 25.60	1.50	<0.1	<1	
133	BM- 1401	7.30 ~ 8.20	0.90	<0.1	<1	
134	BM- 1402	8.20 ~ 9.40	1.20	<0.1	<1	
135	BM- 1403	9.40 ~ 10.40	1.00	<0.1	<1	
136	BM- 1404	14.10 ~ 15.30	1.20	<0.1	<1	
137	BM- 1405	15.30 ~ 16.80	1.50	<0.1	<1	
138	BM- 1406	24.20 ~ 24.70	0.50	<0.1	<1	
139	BM- 1407	24.70 ~ 25.80	1.10	<0.1	<1	
140	BM- 1408	25.80 ~ 26.80	1.00	<0.1	<1	
141	BM- 1409	26.80 ~ 27.60	0.80	<0.1	<1	
142	BM- 1410	27.60 ~ 28.50	0.90	<0.1	<1	
143	BM- 1411	28.50 ~ 29.30	0.80	<0.1	<1	
144	BM- 1412	29.30 ~ 30.00	0.70	<0.1	<1	

Appendix 2-6 (5) Assay Results of Ore Samples (Maulyan Drillcore)

No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
145	BM- 1501	6.40 ~ 7.50	1.10	<0.1	3.2	
146	BM- 1502	8.30 ~ 8.80	0.50	<0.1	2.8	
147	BM- 1503	8.80 ~ 9.50	0.70	0.2	<1	
148	BM- 1504	9.50 ~ 10.00	0.50	0.1	<1	
149	BM- 1505	10.00 ~ 10.60	0.60	<0.1	<1	
150	BM- 1506	10.60 ~ 11.20	0.60	<0.1	<1	
151	BM- 1507	11.20 ~ 11.90	0.70	0.2	<1	
152	BM- 1508	11.90 ~ 12.80	0.90	0.2	<1	
153	BM- 1509	12.80 ~ 13.40	0.60	<0.1	4.0	
154	BM- 1510	14.60 ~ 15.20	0.60	0.8	<1	
155	BM- 1511	24.70 ~ 26.20	1.50	0.2	<1	
156	BM- 1512	28.00 ~ 28.90	0.90	0.5	<1	
157	BM- 1513	28.90 ~ 29.70	0.80	0.5	<1	
158	BM- 1601	0.00 ~ 1.00	1.00	1.0	<1	
159	BM- 1602	1.00 ~ 2.00	1.00	1.6	<1	
160	BM- 1603	2.00 ~ 3.00	1.00	2.4	<1	
161	BM- 1604	4.80 ~ 5.80	1.00	0.4	<1	
162	BM- 1605	5.80 ~ 6.80	1.00	<0.1	<1	
163	BM- 1606	6.80 ~ 7.80	1.00	<0.1	<1	
164	BM- 1607	7.80 ~ 8.50	0.70	0.2	<1	
165	BM- 1608	11.50 ~ 12.50	1.00	<0.1	<1	
166	BM- 1609	12.50 ~ 13.90	1.40	<0.1	<1	
167	BM- 1610	13.90 ~ 14.80	0.90	<0.1	<1	
168	BM- 1611	19.60 ~ 20.10	0.50	<0.1	<1	
169	BM- 1612	25.00 ~ 26.00	1.00	<0.1	<1	
170	BM- 1613	26.00 ~ 26.90	0.90	0.5	8.0	
171	BM- 1614	26.90 ~ 27.90	1.00	<0.1	<1	
172	BM- 1615	27.90 ~ 28.90	1.00	<0.1	1.2	
173	BM- 1616	28.90 ~ 30.00	1.10	<0.1	<1	
174	BM- 1701	3.00 ~ 3.50	0.50	0.1	<1	
175	BM- 1702	4.90 ~ 5.70	0.80	<0.1	<1	
176	BM- 1703	5.70 ~ 6.40	0.70	<0.1	<1	
177	BM- 1704	9.70 ~ 10.60	0.90	<0.1	<1	
178	BM- 1705	10.60 ~ 11.50	0.90	<0.1	<1	
179	BM- 1706	11.50 ~ 12.50	1.00	<0.1	<1	
180	BM- 1707	12.50 ~ 13.50	1.00	0.2	<1	
181	BM- 1708	16.60 ~ 17.70	1.10	0.1	3.6	
182	BM- 1709	17.70 ~ 18.60	0.90	<0.1	<1	
183	BM- 1710	18.60 ~ 19.50	0.90	<0.1	3.2	
184	BM- 1711	19.50 ~ 20.40	0.90	<0.1	<1	
185	BM- 1712	20.40 ~ 21.40	1.00	<0.1	6.8	
186	BM- 1713	21.40 ~ 22.00	0.60	<0.1	<1	
187	BM- 1714	22.00 ~ 23.20	1.20	<0.1	<1	
188	BM- 1715	23.20 ~ 24.50	1.30	<0.1	<1	
189	BM- 1716	24.50 ~ 25.30	0.80	<0.1	<1	
190	BM- 1717	25.30 ~ 26.40	1.10	<0.1	2.4	
191	BM- 1718	26.40 ~ 27.50	1.10	<0.1	<1	
192	BM- 1719	27.50 ~ 28.50	1.00	<0.1	<1	

Appendix 2-6 (6) Assay Results of Ore Samples (Maulyan Drillcore)

No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
193	BM- 1720	28.50 ~ 29.20	0.70	<0.1	<1	
194	BM- 1721	29.20 ~ 30.00	0.80	<0.1	<1	
195	BM- 1801	8.50 ~ 9.50	1.00	0.4	<1	
196	BM- 1802	9.50 ~ 10.10	0.60	0.4	<1	
197	BM- 1803	10.10 ~ 10.90	0.80	0.8	1.6	
198	BM- 1804	10.90 ~ 11.60	0.70	0.4	<1	
199	BM- 1805	11.60 ~ 12.15	0.55	<0.1	<1	
200	BM- 1806	12.15 ~ 13.90	1.75	0.4	<1	
201	BM- 1807	13.90 ~ 14.90	1.00	0.1	<1	
202	BM- 1808	14.90 ~ 15.70	0.80	0.1	<1	
203	BM- 1809	15.70 ~ 16.50	0.80	0.4	<1	
204	BM- 1810	16.50 ~ 17.60	1.10	0.2	<1	
205	BM- 1811	17.60 ~ 19.00	1.40	0.2	<1	
206	BM- 1812	19.00 ~ 19.35	0.35	0.1	1.6	
207	BM- 1813	19.35 ~ 20.40	1.05	<0.1	<1	
208	BM- 1814	20.40 ~ 21.50	1.10	0.4	1.6	
209	BM- 1815	21.50 ~ 22.20	0.70	0.4	<1	
210	BM- 1816	22.20 ~ 23.40	1.20	<0.1	<1	
211	BM- 1817	23.40 ~ 24.30	0.90	0.1	<1	
212	BM- 1818	26.30 ~ 27.30	1.00	<0.1	<1	
213	BM- 1901	6.80 ~ 7.65	0.85	<0.1	<1	
214	BM- 1902	15.10 ~ 15.80	0.70	<0.1	<1	
215	BM- 1903	15.80 ~ 17.10	1.30	0.4	<1	
216	BM- 1904	17.10 ~ 18.20	1.10	0.1	<1	
217	BM- 1905	21.20 ~ 21.90	0.70	0.2	<1	
218	BM- 1906	21.90 ~ 22.90	1.00	0.4	<1	
219	BM- 1907	22.90 ~ 23.80	0.90	5.8	<1	
220	BM- 1908	23.80 ~ 24.50	0.70	0.2	<1	
221	BM- 1909	24.50 ~ 25.30	0.80	0.4	<1	
222	BM- 1910	27.90 ~ 29.00	1.10	0.4	<1	
223	BM- 1911	29.00 ~ 30.00	1.00	<0.1	<1	
224	BM- 2001	3.80 ~ 5.00	1.20	0.2	<1	
225	BM- 2002	5.00 ~ 6.10	1.10	0.6	<1	
226	BM- 2003	6.10 ~ 7.00	0.90	0.2	<1	
227	BM- 2004	7.00 ~ 7.50	0.50	0.4	<1	
228	BM- 2005	7.50 ~ 8.00	0.50	0.1	<1	
229	BM- 2006	8.00 ~ 8.90	0.90	0.4	<1	
230	BM- 2007	11.80 ~ 12.80	1.00	0.4	<1	
231	BM- 2008	12.80 ~ 13.80	1.00	0.4	<1	
232	BM- 2009	16.80 ~ 17.80	1.00	2.0	<1	
233	BM- 2010	20.70 ~ 21.30	0.60	0.8	<1	
234	BM- 2011	21.30 ~ 22.50	1.20	0.2	1.2	
235	BM- 2101	14.40 ~ 15.40	1.00	0.6	<1	
236	BM- 2102	15.40 ~ 16.40	1.00	0.1	<1	
237	BM- 2103	16.40 ~ 17.20	0.80	0.6	<1	
238	BM- 2104	17.20 ~ 17.60	0.40	0.8	<1	
239	BM- 2105	17.60 ~ 18.50	0.90	0.6	<1	
240	BM- 2106	23.10 ~ 24.30	1.20	<0.1	1.8	

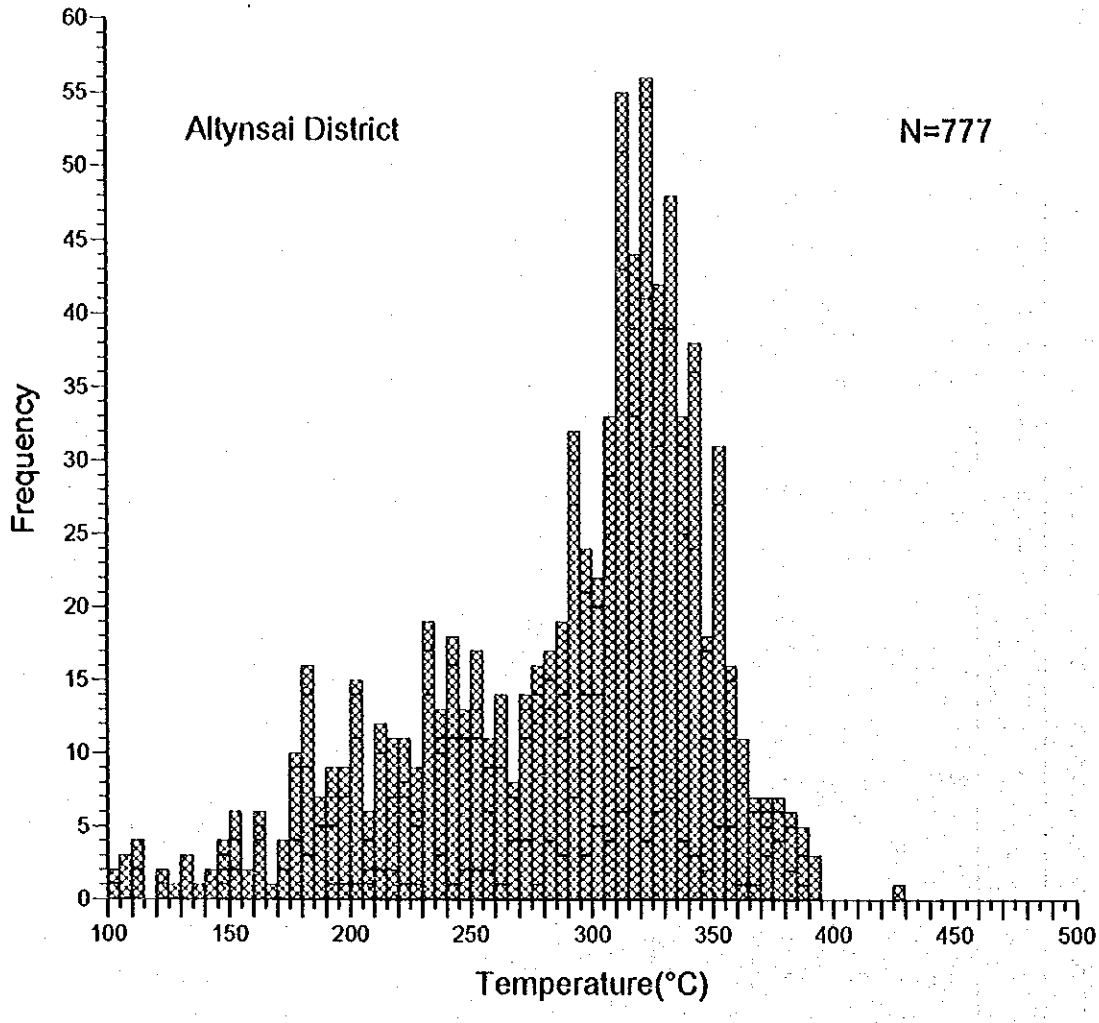
Appendix 2-6 (7) Assay Results of Ore Samples (Maulyan Drillcore)

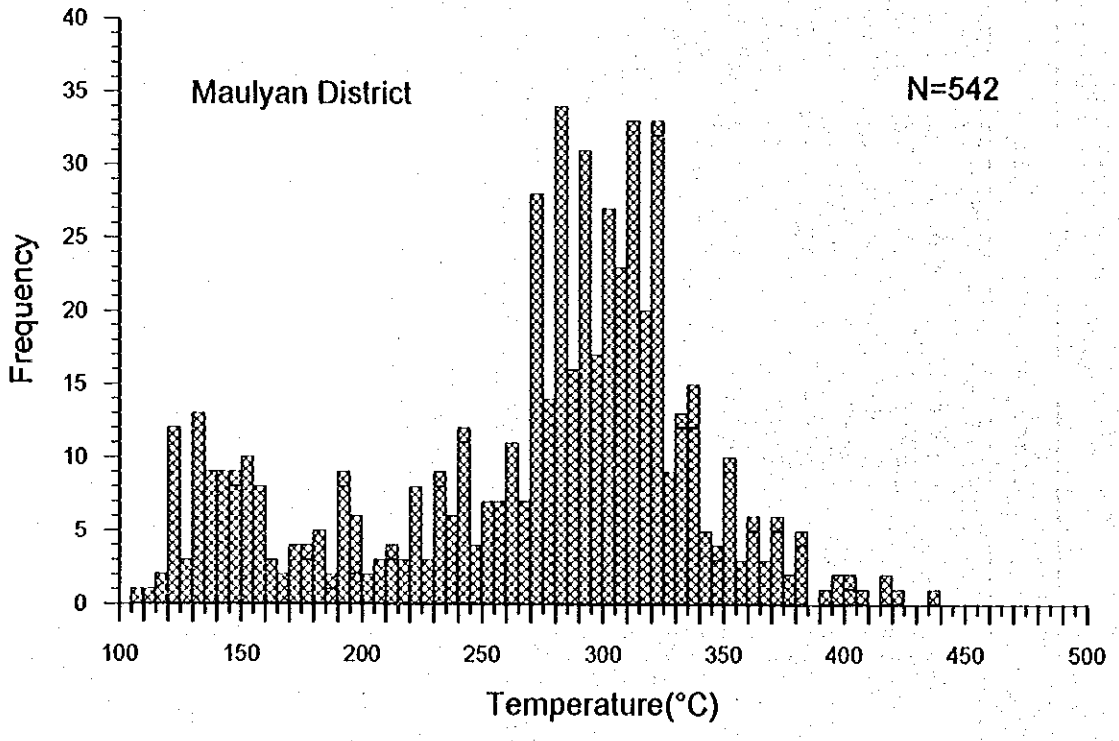
No.	Samp.no.	Depth(m)	Length(m) Lower limit⇒	Au(g/t) 0.1g/t	Ag(g/t) 1.0g/t	Remarks
241	BM- 2107	27.20 ~ 28.40	1.20	0.6	<1	
242	BM- 2108	28.40 ~ 29.20	0.80	0.1	<1	
243	BM- 2201	2.00 ~ 3.10	1.10	<0.1	1.2	
244	BM- 2202	3.10 ~ 4.20	1.10	<0.1	<1	
245	BM- 2203	4.20 ~ 5.20	1.00	<0.1	2.8	
246	BM- 2204	5.20 ~ 5.80	0.60	<0.1	<1	
247	BM- 2205	5.80 ~ 6.30	0.50	<0.1	<1	
248	BM- 2206	7.40 ~ 8.20	0.80	<0.1	<1	
249	BM- 2207	10.10 ~ 10.70	0.60	<0.1	<1	
250	BM- 2208	13.50 ~ 14.70	1.20	<0.1	<1	
251	BM- 2209	14.70 ~ 15.90	1.20	<0.1	<1	
252	BM- 2210	23.00 ~ 24.20	1.20	<0.1	<1	
253	BM- 2211	24.20 ~ 24.40	0.20	0.4	<1	
254	BM- 2212	24.40 ~ 26.00	1.60	0.1	<1	

Appendix 2-7 Homogenization Temperatures of the Fluid Inclusions

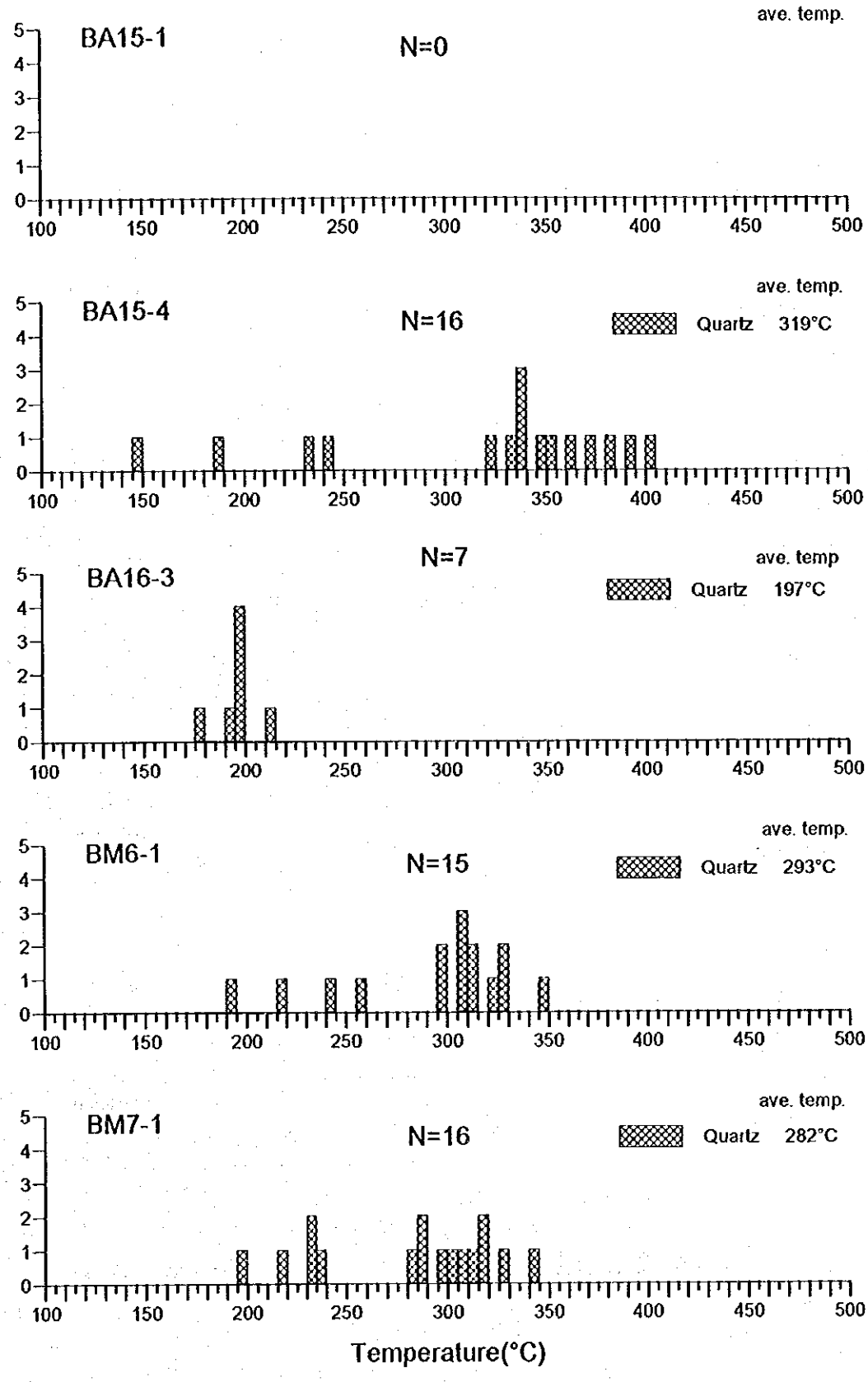
Appendix 2-7(1) Homogenization Temperatures of the Fluid Inclusions

No.	Sample No.	Location	Mineral	Au(g/t)	Number of Inclusion	Range of filling temperature (°C)		
						Min.	Max.	Ave.
1	BA15-1	MJSN- 15, 45.30 m	Quartz	1.2	no fluid inclusion			
2	BA15-4	MJSN- 15, 87.20 m	Quartz	0.2	16	146	403	319
3	BA16-3	MJSN- 16, 50.70 m	Quartz	1.8	15	179	200	197
4	BM6-1	MJML- 6, 12.00 m	Quartz	<0.1	16	195	349	293
5	BM7-1	MJML- 7, 12.10 m	Quartz	0.2	19	199	345	282
6	BM8-1	MJML- 8, 26.30 m	Quartz	0.9	16	125	289	201
7	BM10-1	MJML- 10, 24.00 m	Quartz	<0.1	no fluid inclusion			
8	BM15-1	MJML- 15, 28.70 m	Quartz	0.5	no fluid inclusion			
9	BM20-1	MJML- 20, 12.00 m	Quartz	0.4	16	143	338	267
10	BM21-1	MJML- 21, 17.30 m	Quartz	0.6	16	173	387	257
11	BM22-2	MJML- 22, 24.20 m	Quartz	0.4	15	204	386	306

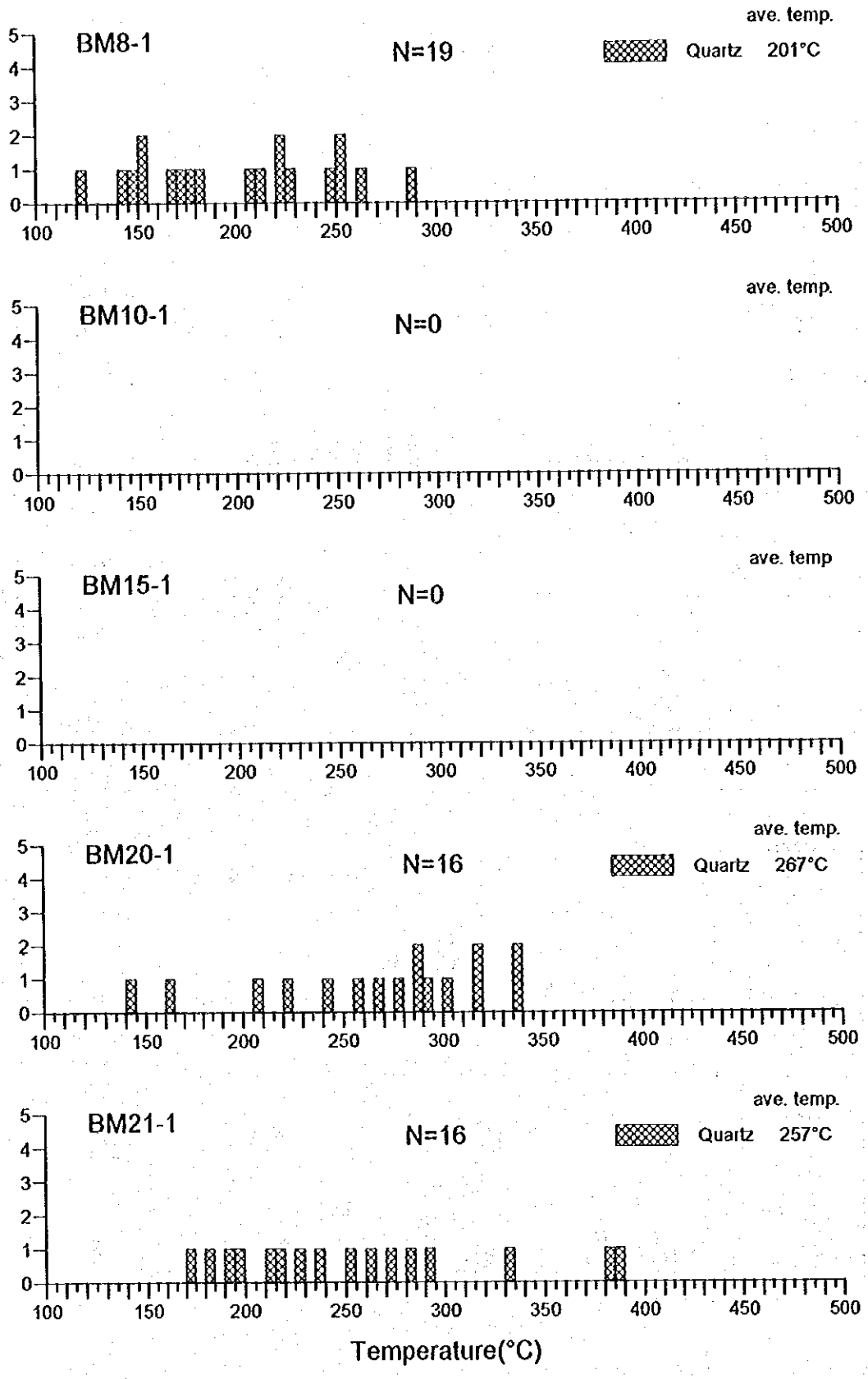




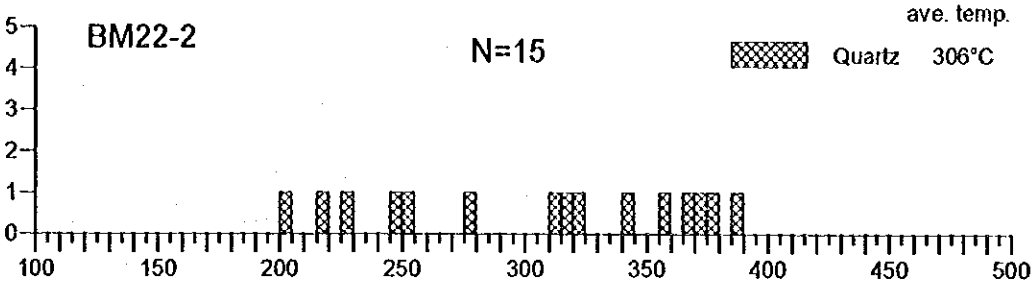
Appendix 2-7(2) Homogenization Temperature of the Fluid Inclusion



Appendix 2-7(3) Homogenization Temperature of the Fluid Inclusion



Appendix 2-7(4) Homogenization Temperature of the Fluid Inclusion



Appendix 2-7(5) Homogenization Temperature of the Fluid Inclusion

Appendix 3. Miscellaneous Data for the Drilling Survey

Appendix 3-1(1) List of the Used Equipment for Drilling

(MJSN-15,16)

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-41	1	Capacity ϕ76mm:300m ϕ59mm:500m Inner diameter of spindle:60mm
Motor for drill	A02-31-4	1	30kw, rpm/1,500 ps
Pump	NB-3	1	Piston ϕ60mm, Capacity 40/120 liter/min Pressure 4 kg/min
Motor for pump	A02-51-4	1	7.5kw, rpm/1,500 ps
Wire line hoist	LB-5	1	
Motor for hoist		1	4 kw
Generator	—	—	Power line
Engine for generator	—	—	
Mud mixer	GL-12	1	
Derrick	UKB-500	1	Maximum load 15T
Rod holder	TD-12.5	1	
Drill rods	SSK-59 ϕ50mm ϕ42mm	35 5 5	4.50 m/pc 4.00 m/pc 4.00 m/pc
Casing pipes	ϕ108mm ϕ 89mm ϕ 73mm	2 2 10	3.00 m/pc 3.00 m/pc 4.00 m/pc
Core tube assembly	SSK-59 SSK-59 ϕ108mm ϕ 93mm ϕ 76mm OKS-73	3 3 1 1 1 1	3.50 m/pc 2.50 m/pc 1.00 m/pc 1.00 m/pc 1.00 m/pc 1.00 m/pc

Appendix 3-1(2) List of the Used Equipment for Drilling

(MJML-3~22)

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-41	2	Capacity ϕ76mm:300m ϕ59mm:500m Inner diameter of spindle:63mm
Motor for drill	A02-71-4	2	22kw, rpm/1,500 ps
Pump	NB-3	2	Piston ϕ60mm, Capacity 40/120 liter/min Pressure 4 kg/min
Motor for pump	A02-51-4	2	7.5 kw, rpm/1,500 ps
Wire line hoist	—	—	
Motor for hoist	—	—	
Generator	DES-60P	2	60kvA
Engine for generator	AM-01E	2	Diesel engine : 60kwh, rpm/1,500 ps
Mud mixer	GKL-2	1	
Derrick	MR-4	2	Maximum load 20T
Rod holder	PT-1200	2	
Drill rods	SSK-59	—	4.50 m/pc
	ϕ50mm	45	4.00 m/pc (SBT-50)
	ϕ42mm	—	4.00 m/pc
Casing pipes	ϕ108mm	—	3.00 m/pc
	ϕ 89mm	20	3.00 m/pc
	ϕ 73mm	—	4.00 m/pc
Core tube assembly	SSK-59	—	3.00 m/pc
	SSK-59	—	2.50 m/pc
	ϕ108mm	—	3.00 m/pc
	ϕ 93mm	2	3.00 m/pc
	ϕ 76mm	8	3.00 m/pc
	OKS-73	4	1.00 m/pc (Ejector)

Appendix 3-2(1) Results of Drilling Works on Individual Drillhole

(MJSN-15)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug. 3, '99 ~ Aug. 12, '99	10.00	4.50	5.50	39
Drilling	Aug.13, '99 ~ Sept. 11, '99	29.21	26.46	2.75	146
Dismount	Sept.11, '99 ~ Sept.11, '99	0.63	0.63	0.00	4
Total	Aug. 3, '99 ~ Sept.11, '99	39.84	31.59	8.25	189

Drilling length			
Programmed length	110.00 m	Overburden	1.00 m
Prolongation	0.00 m	Core length	89.10 m
Effective length	110.00 m	Core recovery	81.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	177.0H	19.8 %	0-103.6	81.0	81.0
Out drilling	120.0H	13.4 %	103.6-110.0	81.2	81.0
Recovery from accident	536.0H	59.8 %			
Preparation	21.0H	2.3 %			
Dismount/Mobilization	15.0H	1.7 %			
Others	27.0H	3.0 %	Efficiency		
			Effective length/Total days		
			2.76 m/d		
Total	896.0H	100 %	Effective length/Working days		
			3.48 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	3.00 m	107.00 m					110.00 m
Core length	2.10 m	87.00 m					89.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
73 m/m	3.00 m	2.7 %	100 %
m/m	m	%	%

Appendix 3-2(2) Results of Drilling Works on Individual Drillhole

(MJSN-16)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 7, '99 ~ July 25, '99	19.00	4.00	15.00	90
Drilling	July 26,'99 ~ Aug. 3,'99	9.00	8.58	0.42	43
Dismount	Aug. 4,'99 ~ Aug. 4,'99	0.50	0.50	0.00	5
Total	July 7,'99 ~ Aug. 4,'99	28.50	13.08	15.42	138

Drilling length			
Programmed length	60.00 m	Overburden	3.40 m
Prolongation	0.00 m	Core length	48.40 m
Effective length	60.00 m	Core recovery	80.7 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	93.0H	23.3 %	0-60.00	80.7	80.7
Out drilling	28.0H	7.0 %			
Recovery from accident	95.0H	23.8 %			
Preparation	18.0H	4.5 %			
Dismount/Mobilization	12.0H	3.0 %			
Others	153.0H	38.4 %	Efficiency		
			Effective length/Total days		
			2.11 m/d		
Total	399.0H	100 %	Effective length/Working days		
			4.58 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	59 m/m	m/m	m/m	m/m	m/m	Total
Drilling length	3.50 m	56.50 m					60.00 m
Core length	2.40 m	46.00 m					48.40 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
73 m/m	3.50 m	5.8 %	100 %
m/m	m	%	%

Appendix 3-2(3) Results of Drilling Works on Individual Drillhole

(MJML-3)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.11,'99 ~ Aug.14,'99	2.42	2.42	0.00	19
Drilling	Aug.14,'99 ~ Aug.17,'99	3.71	3.71	0.00	17
Dismount	Aug.17,'99 ~ Aug.17,'99	0.54	0.54	0.00	4
Total	Aug.11,'99 ~ Aug.17,'99	6.67	6.67	0.00	40

Drilling length			
Programmed length	30.00 m	Overburden	2.00 m
Prolongation	0.00 m	Core length	26.10 m
Effective length	30.00 m	Core recovery	87.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	30.0H	23.1 %	0-30.00	87.0	87.0
Out drilling	18.0H	13.9 %			
Recovery from accident	41.0H	31.5 %			
Preparation	19.0H	14.6 %			
Dismount/Mobilization	13.0H	10.0 %			
Others	9.0H	6.9 %	Efficiency		
			Effective length/Total days		
			4.50 m/d		
Total	130.0H	100 %	Effective length/Working days		
			4.50 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	26.10 m						26.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(4) Results of Drilling Works on Individual Drillhole

(MJML-4)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.16,'99 ~ Aug.18,'99	2.33	2.33	0.00	5
Drilling	Aug.18,'99 ~ Aug.19,'99	1.67	1.67	0.00	12
Dismount	Aug.20,'99 ~ Aug.20,'99	0.33	0.33	0.00	4
Total	Aug.16,'99 ~ Aug.20,'99	4.33	4.33	0.00	21

Drilling length			
Programmed length	30.00 m	Overburden	3.20 m
Prolongation	0.00 m	Core length	25.10 m
Effective length	30.00 m	Core recovery	83.7 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	22.0H	29.7 %	0-30.00	83.7	83.7
Out drilling	10.0H	13.5 %			
Recovery from accident	8.0H	10.8 %			
Preparation	17.0H	23.0 %			
Dismount/Mobilization	8.0H	10.8 %			
Others	9.0H	12.2 %	Efficiency		
			Effective length/Total days		
			6.93 m/d		
Total	74.0H	100 %	Effective length/Working days		
			6.93 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	25.10 m						25.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(5) Results of Drilling Works on Individual Drillhole

(MJML-5)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.18,'99 ~ Aug.21,'99	3.33	3.33	0.00	5
Drilling	Aug.21,'99 ~ Aug.23,'99	2.34	2.34	0.00	16
Dismount	Aug.23,'99 ~ Aug.23,'99	0.33	0.33	0.00	4
Total	Aug.18,'99 ~ Aug.23,'99	6.00	6.00	0.00	25

Drilling length			
Programmed length	30.00 m	Overburden	3.00 m
Prolongation	0.00 m	Core length	25.10 m
Effective length	30.00 m	Core recovery	83.7 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	22.0H	22.2 %	0-30.00	83.7	83.7
Out drilling	18.0H	18.2 %			
Recovery from accident	16.0H	16.1 %			
Preparation	17.0H	17.2 %			
Dismount/Mobilization	8.0H	8.1 %			
Others	18.0H	18.2 %	Efficiency		
			Effective length/Total days		
			5.00 m/d		
Total	99.0H	100 %	Effective length/Working days		
			5.00 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	25.10 m						25.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(6) Results of Drilling Works on Individual Drillhole

(MJML-6)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug. 6,'99 ~ Aug. 7,'99	1.66	1.66	0.00	7
Drilling	Aug. 7,'99 ~ Aug.11,'99	4.34	4.34	0.00	30
Dismount	Aug.12,'99 ~ Aug.12,'99	0.33	0.33	0.00	5
Total	Aug. 6,'99 ~ Aug.12,'99	6.33	6.33	0.00	42

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	25.50 m
Effective length	30.00 m	Core recovery	85.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	25.0H	18.3 %	0-30.00	85.0	85.0
Out drilling	34.0H	24.8 %			
Recovery from accident	45.0H	32.8 %			
Preparation	16.0H	11.7 %			
Dismount/Mobilization	8.0H	5.8 %			
Others	9.0H	6.6 %	Efficiency		
			Effective length/Total days		
			4.74 m/d		
Total	137.0H	100 %	Effective length/Working days		
			4.74 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	25.50 m						25.50 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(7) Results of Drilling Works on Individual Drillhole

(MJML-7)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 25,'99 ~ July 27,'99	2.50	2.50	0.00	6
Drilling	Aug.27,'99 ~ Aug. 5,'99	8.84	8.84	0.00	59
Dismount	Aug. 5,'99 ~ Aug. 5,'99	0.33	0.33	0.00	4
Total	July 25,'99 ~ Aug. 5,'99	11.67	11.67	0.00	69

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	24.70 m
Effective length	30.00 m	Core recovery	82.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	33.0H	13.2 %	0-30.0	82.3	82.3
Out drilling	22.0H	8.8 %			
Recovery from accident	157.0H	62.8 %			
Preparation	18.0H	7.2 %			
Dismount/Mobilization	8.0H	3.2 %			
Others	12.0H	4.8 %	Efficiency		
			Effective length/Total days		
			2.57 m/d		
Total	250.0H	100 %	Effective length/Working days		
			2.57 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m	m					30.00 m
Core length	24.70 m	m					24.70 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(8) Results of Drilling Works on Individual Drillhole

(MJML-8)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.21,'99 ~ Aug.24,'99	3.50	3.50	0.00	8
Drilling	Aug.24,'99 ~ Aug.27,'99	2.84	2.84	0.00	17
Dismount	Aug.27,'99 ~ Aug.27,'99	0.33	0.33	0.00	4
Total	Aug.21,'99 ~ Aug.27,'99	6.67	6.67	0.00	29

Drilling length			
Programmed length	30.00 m	Overburden	1.00 m
Prolongation	0.00 m	Core length	25.10 m
Effective length	30.00 m	Core recovery	83.7 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	29.0H	25.2 %	0-30.00	83.7	83.7
Out drilling	29.0H	25.2 %			
Recovery from accident	10.0H	8.7 %			
Preparation	21.0H	18.3 %			
Dismount/Mobilization	8.0H	6.9 %			
Others	18.0H	15.7 %	Efficiency		
			Effective length/Total days		
			4.50 m/d		
Total	115.0H	100 %	Effective length/Working days		
			4.50 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	25.10 m						25.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(9) Results of Drilling Works on Individual Drillhole

(MJML-9)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 22,'99 ~ July 25,'99	2.50	2.50	0.00	13
Drilling	July 25,'99 ~ July 26,'99	2.25	1.75	0.50	11
Dismount	July 26,'99 ~ July 26,'99	0.25	0.25	0.00	3
Total	July 22,'99 ~ July 26,'99	5.00	4.50	0.50	27

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	24.90 m
Effective length	30.00 m	Core recovery	83.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	24.0H	26.6 %	0-30.00	83.0	83.0
Out drilling	18.0H	20.0 %			
Recovery from accident	0.0H	0.0 %			
Preparation	16.0H	17.8 %			
Dismount/Mobilization	6.0H	6.7 %			
Others	26.0H	28.9 %	Efficiency		
			Effective length/Total days		
			6.00 m/d		
Total	90.0H	100 %	Effective length/Working days		
			6.67 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	24.90 m						24.90 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(10) Results of Drilling Works on Individual Drillhole

(MJML-10)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.21,'99 ~ Aug.24,'99	3.25	3.25	0.00	5
Drilling	Aug.24,'99 ~ Aug.26,'99	2.25	2.25	0.00	12
Dismount	Aug.26,'99 ~ Aug.26,'99	0.50	0.50	0.00	4
Total	Aug.21,'99 ~ Aug.26,'99	6.00	6.00	0.00	21

Drilling length			
Programmed length	30.00 m	Overburden	2.00 m
Prolongation	0.00 m	Core length	28.00 m
Effective length	30.00 m	Core recovery	93.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	38.0H	33.3 %	0-30.00	93.3	93.3
Out drilling	11.0H	9.7 %			
Recovery from accident	5.0H	4.4 %			
Preparation	30.0H	26.3 %			
Dismount/Mobilization	12.0H	10.5 %			
Others	18.0H	15.8 %	Efficiency		
			Effective length/Total days		
			5.00 m/d		
Total	114.0H	100 %	Effective length/Working days		
			5.00 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	28.00 m						28.00 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(11) Results of Drilling Works on Individual Drillhole

(MJML-11)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.17,'99 ~ Aug.20,'99	3.50	3.50	0.00	7
Drilling	Aug.20,'99 ~ Aug.22,'99	2.50	2.50	0.00	13
Dismount	Aug.23,'99 ~ Aug.23,'99	0.50	0.50	0.00	4
Total	Aug.17,'99 ~ Aug.23,'99	6.50	6.50	0.00	24

Drilling length			
Programmed length	30.00 m	Overburden	2.20 m
Prolongation	0.00 m	Core length	28.00 m
Effective length	30.00 m	Core recovery	93.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	47.0H	42.4 %	0-30.00	93.3	93.3
Out drilling	11.0H	9.9 %			
Recovery from accident	2.0H	1.8 %			
Preparation	21.0H	18.9 %			
Dismount/Mobilization	12.0H	10.8 %			
Others	18.0H	16.2 %	Efficiency		
			Effective length/Total days		
			4.62 m/d		
Total	111.0H	100 %	Effective length/Working days		
			4.62 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	28.00 m						28.00 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(12) Results of Drilling Works on Individual Drillhole

(MJML-12)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.14,'99 ~ Aug.17,'99	3.50	3.50	0.00	10
Drilling	Aug.17,'99 ~ Aug.19,'99	2.00	2.00	0.00	15
Dismount	Aug.19,'99 ~ Aug.19,'99	0.50	0.50	0.00	5
Total	Aug.14,'99 ~ Aug.19,'99	6.00	6.00	0.00	30

Drilling length			
Programmed length	30.00 m	Overburden	2.60 m
Prolongation	0.00 m	Core length	27.10 m
Effective length	30.00 m	Core recovery	90.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	34.0H	34.4 %	0-30.00	90.3	90.3
Out drilling	11.0H	11.1 %			
Recovery from accident	3.0H	3.0 %			
Preparation	21.0H	21.2 %			
Dismount/Mobilization	12.0H	12.1 %			
Others	18.0H	18.2 %	Efficiency		
			Effective length/Total days		
			5.00 m/d		
Total	99.0H	100 %	Effective length/Working days		
			5.00 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	27.10 m						27.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(13) Results of Drilling Works on Individual Drillhole

(MJML-13)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug. 5,'99 ~ Aug. 8,'99	2.84	2.84	0.00	12
Drilling	Aug. 8,'99 ~ Aug.14,'99	6.50	6.50	0.00	42
Dismount	Aug.14,'99 ~ Aug.14,'99	0.33	0.33	0.00	4
Total	Aug. 5,'99 ~ Aug.14,'99	9.67	9.67	0.00	58

Drilling length

Programmed length	30.00 m	Overburden	1.00 m
Prolongation	0.00 m	Core length	26.10 m
Effective length	30.00 m	Core recovery	87.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	29.0H	14.3 %	0-30.00	87.0	87.0
Out drilling	35.0H	17.2 %			
Recovery from accident	92.0H	45.3 %			
Preparation	21.0H	10.4 %			
Dismount/Mobilization	8.0H	3.9 %			
Others	18.0H	8.9 %	Efficiency		
			Effective length/Total days		
			3.10 m/d		
Total	203.0H	100 %	Effective length/Working days		
			3.10 m/d		

Drilling length by diameter

Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m	m					30.00 m
Core length	26.10 m	m					26.10 m

Inserted casing pipes

Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(14) Results of Drilling Works on Individual Drillhole

(MJML-14)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 30,'99 ~ Aug. 2,'99	3.50	3.50	0.00	10
Drilling	Aug. 2,'99 ~ Aug. 6,'99	4.00	4.00	0.00	20
Dismount	Aug. 6,'99 ~ Aug. 6,'99	0.50	0.50	0.00	4
Total	July 30,'99 ~ Aug. 6,'99	8.00	8.00	0.00	34

Drilling length			
Programmed length	30.00 m	Overburden	0.90 m
Prolongation	0.00 m	Core length	26.10 m
Effective length	30.00 m	Core recovery	87.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	39.0H	26.5 %	0-30.00	87.0	87.0
Out drilling	27.0H	18.4 %			
Recovery from accident	30.0H	20.4 %			
Preparation	21.0H	14.3 %			
Dismount/Mobilization	12.0H	8.2 %			
Others	18.0H	12.2 %	Efficiency		
			Effective length/Total days		
			3.75 m/d		
Total	147.0H	100 %	Effective length/Working days		
			3.75 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m	m					30.00 m
Core length	26.10 m	m					26.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(15) Results of Drilling Works on Individual Drillhole

(MJML-15)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 25,'99 ~ July 28,'99	3.50	3.50	0.00	9
Drilling	July 28,'99 ~ July 31,'99	3.00	3.00	0.00	16
Dismount	July 31,'99 ~ July 31,'99	0.50	0.50	0.00	5
Total	July 25,'99 ~ July 31,'99	7.00	7.00	0.00	30

Drilling length			
Programmed length	30.00 m	Overburden	2.40 m
Prolongation	0.00 m	Core length	26.20 m
Effective length	30.00 m	Core recovery	87.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	39.0H	31.7 %	0-30.00	87.3	87.3
Out drilling	9.0H	7.3 %			
Recovery from accident	24.0H	19.5 %			
Preparation	21.0H	17.1 %			
Dismount/Mobilization	12.0H	9.8 %			
Others	18.0H	14.6 %	Efficiency		
			Effective length/Total days		
			4.29 m/d		
Total	123.0H	100 %	Effective length/Working days		
			4.29 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	26.20 m						26.20 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(16) Results of Drilling Works on Individual Drillhole

(MJML-16)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 23,'99 ~ July 26,'99	3.50	3.50	0.00	9
Drilling	July 26,'99 ~ July 27,'99	1.17	1.17	0.00	6
Dismount	July 27,'99 ~ July 27,'99	0.33	0.33	0.00	4
Total	July 23,'99 ~ July 27,'99	5.00	5.00	0.00	19

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	26.10 m
Effective length	30.00 m	Core recovery	87.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	23.0H	30.6 %	0-30.00	87.0	87.0
Out drilling	5.0H	6.7 %			
Recovery from accident	0.0H	0.0 %			
Preparation	21.0H	28.0 %			
Dismount/Mobilization	8.0H	10.7 %			
Others	18.0H	24.0 %	Efficiency		
			Effective length/Total days		
			6.00 m/d		
Total	75.0H	100 %	Effective length/Working days		
			6.00 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	26.10 m						26.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(17) Results of Drilling Works on Individual Drillhole

(MJML-17)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 21,'99 ~ July 24,'99	3.00	3.00	0.00	11
Drilling	July 24,'99 ~ July 25,'99	1.50	1.50	0.00	7
Dismount	July 25,'99 ~ July 25,'99	0.50	0.50	0.00	4
Total	July 21,'99 ~ July 25,'99	5.00	5.00	0.00	22

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	25.30 m
Effective length	30.00 m	Core recovery	84.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	16.0H	17.8 %	0-30.00	84.3	84.3
Out drilling	8.0H	8.9 %			
Recovery from accident	12.0H	13.3 %			
Preparation	24.0H	26.7 %			
Dismount/Mobilization	12.0H	13.3 %			
Others	18.0H	20.0 %	Efficiency		
			Effective length/Total days		
			6.00 m/d		
Total	90.0H	100 %	Effective length/Working days		
			6.00 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	25.30 m						25.30 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(18) Results of Drilling Works on Individual Drillhole

(MJML-18)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 20,'99 ~ July 22,'99	2.54	2.54	0.00	9
Drilling	July 22,'99 ~ July 24,'99	1.80	1.80	0.00	15
Dismount	July 24,'99 ~ July 24,'99	0.33	0.33	0.00	4
Total	July 20,'99 ~ July 24,'99	4.67	4.67	0.00	28

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	24.40 m
Effective length	30.00 m	Core recovery	81.3 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	23.0H	28.0 %	0-30.00	81.3	81.3
Out drilling	20.0H	24.4 %			
Recovery from accident	0.0H	0.0 %			
Preparation	22.0H	26.8 %			
Dismount/Mobilization	8.0H	9.8 %			
Others	9.0H	11.0 %	Efficiency		
			Effective length/Total days		
			6.42 m/d		
Total	82.0H	100 %	Effective length/Working days		
			6.42 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	24.40 m						24.40 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(19) Results of Drilling Works on Individual Drillhole

(MJML-19)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 16,'99 ~ July 20,'99	4.66	4.66	0.00	18
Drilling	July 20,'99 ~ July 21,'99	1.34	1.34	0.00	10
Dismount	July 22,'99 ~ July 22,'99	0.33	0.33	0.00	5
Total	July 16,'99 ~ July 22,'99	6.33	6.33	0.00	33

Drilling length

Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	25.10 m
Effective length	30.00 m	Core recovery	83.7 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	24.0H	26.1 %	0-30.00	83.7	83.7
Out drilling	8.0H	8.7 %			
Recovery from accident	0.0H	0.0 %			
Preparation	25.0H	27.2 %			
Dismount/Mobilization	8.0H	8.7 %			
Others	27.0H	29.3 %	Efficiency		
			Effective length/Total days		
			4.74 m/d		
Total	92.0H	100 %	Effective length/Working days		
			4.74 m/d		

Drilling length by diameter

Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m	m					30.00 m
Core length	25.10 m	m					25.10 m

Inserted casing pipes

Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(20) Results of Drilling Works on Individual Drillhole

(MJML-20)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 13,'99 ~ July 16,'99	3.41	3.41	0.00	9
Drilling	July 16,'99 ~ July 19,'99	3.50	3.50	0.00	25
Dismount	July 20,'99 ~ July 20,'99	0.42	0.42	0.00	5
Total	July 13,'99 ~ July 20,'99	7.33	7.33	0.00	39

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	24.60 m
Effective length	30.00 m	Core recovery	82.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	54.0H	41.2 %	0-30.00	82.0	82.0
Out drilling	30.0H	22.9 %			
Recovery from accident	0.0H	0.0 %			
Preparation	19.0H	14.5 %			
Dismount/Mobilization	10.0H	7.6 %			
Others	18.0H	13.8 %	Efficiency		
			Effective length/Total days 4.09 m/d		
Total	131.0H	100 %	Effective length/Working days 4.09 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m	m					30.00 m
Core length	24.60 m	m					24.60 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(21) Results of Drilling Works on Individual Drillhole

(MJML-21)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 19,'99 ~ July 22,'99	3.33	3.33	0.00	7
Drilling	July 22,'99 ~ July 23,'99	0.92	0.92	0.00	8
Dismount	July 23,'99 ~ July 23,'99	0.25	0.25	0.00	4
Total	July 19,'99 ~ July 23,'99	4.50	4.50	0.00	19

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	25.10 m
Effective length	30.00 m	Core recovery	83.7 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	15.0H	23.8 %	0-30.00	83.7	83.7
Out drilling	7.0H	11.1 %			
Recovery from accident	0.0H	0.0 %			
Preparation	17.0H	27.0 %			
Dismount/Mobilization	6.0H	9.5 %			
Others	18.0H	28.6 %	Efficiency		
			Effective length/Total days		
			6.67 m/d		
Total	63.0H	100 %	Effective length/Working days		
			6.67 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	25.10 m						25.10 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%

Appendix 3-2(22) Results of Drilling Works on Individual Drillhole

(MJML-22)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 8,'99 ~ July 14,'99	7.33	7.33	0.00	18
Drilling	July 15,'99 ~ July 21,'99	6.17	6.17	0.00	34
Dismount	July 21,'99 ~ July 21,'99	0.50	0.50	0.00	5
Total	July 8,'99 ~ July 21,'99	14.00	14.00	0.00	57

Drilling length			
Programmed length	30.00 m	Overburden	0.00 m
Prolongation	0.00 m	Core length	27.60 m
Effective length	30.00 m	Core recovery	92.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	34.0H	14.7 %	0-30.00	92.0	92.0
Out drilling	23.0H	10.0 %			
Recovery from accident	91.0H	39.4 %			
Preparation	26.0H	11.2 %			
Dismount/Mobilization	12.0H	5.2 %			
Others	45.0H	19.5 %	Efficiency		
			Effective length/Total days		
			2.14 m/d		
Total	231.0H	100 %	Effective length/Working days		
			2.14 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	30.00 m						30.00 m
Core length	27.60 m						27.60 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	3.00 m	10.0 %	100 %
m/m	m	%	%