Appendix 2-6(12) Assay Results of the 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	As(%) 0.01%	Remarks
1	BM- 101	1.80 ～ 2.60	0.80	<0.1	<1.0	0.01	
2	BM- 102	2.60 ～ 3.70	1.10	<0.1	<1.0	0.01	
3	BM- 103	14.80 ～ 15.35	0.55	<0.1	<1.0	0.02	
4	BM- 104	15.35 ～ 16.25	0.90	<0.1	<1.0	0.01	
5	BM- 105	16.25 ～ 17.10	0.85	<0.1	<1.0	0.01	
6	BM- 106	17.10 ～ 18.00	0.90	<0.1	<1.0	0.01	
7	BM- 107	20.60 ～ 22.00	1.40	<0.1	<1.0	0.01	
8	BM- 108	25.00 ～ 25.90	0.90	<0.1	<1.0	0.01	
9	BM- 109	28.80 ～ 30.10	1.30	<0.1	<1.0	0.03	
10	BM- 110	30.10 ～ 30.90	0.80	<0.1	<1.0	0.02	
11	BM- 111	30.90 ～ 31.90	1.00	<0.1	<1.0	0.02	
12	BM- 112	32.70 ～ 34.00	1.30	<0.1	<1.0	0.01	
13	BM- 113	34.00 ～ 35.30	1.30	<0.1	<1.0	0.02	
14	BM- 114	35.30 ～ 36.70	1.40	<0.1	<1.0	0.01	
15	BM- 115	36.70 ～ 38.00	1.30	<0.1	<1.0	0.02	
16	BM- 116	46.20 ～ 47.20	1.00	<0.1	<1.0	0.02	
17	BM- 117	47.20 ～ 48.30	1.10	<0.1	<1.0	0.03	
18	BM- 118	48.30 ～ 49.40	1.10	<0.1	<1.0	0.02	
19	BM- 119	51.10 ～ 52.30	1.20	<0.1	<1.0	0.02	
20	BM- 120	52.30 ～ 53.60	1.30	<0.1	<1.0	0.02	
21	BM- 121	57.90 ～ 59.20	1.30	<0.1	<1.0	0.01	
22	BM- 122	59.20 ～ 60.40	1.20	0.1	<1.0	0.01	
23	BM- 123	60.40 ～ 61.70	1.30	<0.1	<1.0	0.02	
24	BM- 124	61.70 ～ 63.00	1.30	<0.1	2.4	0.02	
25	BM- 125	63.00 ～ 64.50	1.50	<0.1	<1.0	0.02	
26	BM- 126	64.50 ～ 65.50	1.00	<0.1	<1.0	0.02	
27	BM- 127	65.50 ～ 66.30	0.80	<0.1	<1.0	0.02	
28	BM- 128	66.30 ～ 66.90	0.60	<0.1	<1.0	0.02	
29	BM- 129	66.90 ～ 68.00	1.10	<0.1	<1.0	0.02	
30	BM- 130	68.00 ～ 69.10	1.10	<0.1	<1.0	0.02	
31	BM- 131	69.10 ～ 70.20	1.10	<0.1	<1.0	0.02	
32	BM- 132	70.20 ～ 71.20	1.00	<0.1	<1.0	0.02	
33	BM- 133	71.20 ～ 71.90	0.70	<0.1	<1.0	0.03	
34	BM- 134	71.90 ～ 72.80	0.90	<0.1	<1.0	0.02	
35	BM- 135	72.80 ～ 74.20	1.40	<0.1	<1.0	0.01	
36	BM- 136	74.20 ～ 75.10	0.90	0.1	<1.0	0.01	
37	BM- 137	75.10 ～ 76.10	1.00	0.1	<1.0	0.01	
38	BM- 138	76.10 ～ 77.50	1.40	<0.1	<1.0	0.01	
39	BM- 139	77.50 ～ 78.10	0.60	<0.1	<1.0	0.01	
40	BM- 140	78.10 ～ 79.00	0.90	<0.1	<1.0	0.02	
41	BM- 141	79.00 ～ 80.10	1.10	<0.1	<1.0	0.02	
42	BM- 142	84.60 ～ 85.70	1.10	<0.1	<1.0	0.02	
43	BM- 143	85.70 ～ 86.75	1.05	<0.1	<1.0	0.02	
44	BM- 144	86.75 ～ 88.30	1.55	<0.1	<1.0	0.02	
45	BM- 145	88.30 ～ 89.40	1.10	<0.1	1.2	0.02	
46	BM- 146	89.40 ～ 90.50	1.10	<0.1	<1.0	0.02	
47	BM- 147	90.50 ～ 91.70	1.20	<0.1	<1.0	0.05	
48	BM- 148	91.70 ～ 92.65	0.95	<0.1	<1.0	0.02	
49	BM- 149	92.65 ～ 93.85	1.20	<0.1	<1.0	0.03	
50	BM- 150	93.85 ～ 94.70	0.85	<0.1	<1.0	0.02	

Appendix 2-6(13) Assay Results of the Ore Samples (Maulyan Drillcore)

No.	Samp.no.	Depth(m)	Length(m)	Au(g/t)	Ag(g/t)	As(%)	Remarks
			Lower limit⇒	0.1g/t	1.0g/t	0.01%	
51	BM-151	94.70 ～ 95.80	1.10	<0.1	<1.0	0.01	
52	BM-152	95.80 ～ 96.60	0.80	<0.1	<1.0	0.02	
53	BM-153	96.60 ～ 98.10	1.50	<0.1	1.2	0.02	
54	BM-154	98.10 ～ 99.20	1.10	<0.1	<1.0	0.02	
55	BM-155	99.20 ～ 100.00	0.80	<0.1	<1.0	0.02	
56	BM-156	100.00 ～ 100.60	0.60	<0.1	3.6	0.02	
57	BM-157	100.60 ～ 101.70	1.10	0.1	<1.0	0.03	
58	BM-158	101.70 ～ 102.90	1.20	<0.1	<1.0	0.02	
59	BM-159	102.90 ～ 104.15	1.25	0.1	2.8	0.02	
60	BM-160	104.15 ～ 104.50	0.35	2.0	<1.0	0.02	
61	BM-161	104.50 ～ 105.70	1.20	0.1	<1.0	0.02	
62	BM-162	110.00 ～ 110.90	0.90	<0.1	<1.0	0.02	
63	BM-163	113.40 ～ 114.40	1.00	0.4	<1.0	0.02	
64	BM-164	114.40 ～ 115.50	1.10	<0.1	<1.0	0.03	
65	BM-165	105.70 ～ 106.90	1.20	0.1	<1.0	0.02	
66	BM-166	106.90 ～ 108.00	1.10	0.1	<1.0	0.02	
67	BM-167	115.50 ～ 117.20	1.70	0.3	3.2	0.02	
68	BM-168	124.80 ～ 125.70	0.90	0.4	2.8	0.02	
69	BM-169	130.90 ～ 132.30	1.40	<0.1	1.2	0.03	
70	BM-170	146.10 ～ 146.80	0.70	<0.1	3.6	0.02	
71	BM-171	173.75 ～ 174.10	0.35	<0.1	<1.0	0.04	
72	BM-172	187.60 ～ 188.90	1.30	<0.1	1.8	0.04	
73	BM-173	190.80 ～ 191.20	0.40	<0.1	3.2	0.01	
74	BM-174	191.20 ～ 192.40	1.20	<0.1	1.2	0.01	
75	BM-175	192.40 ～ 193.50	1.10	<0.1	2.2	0.02	
76	BM-201	6.50 ～ 7.50	1.00	0.1	<1.0	0.01	
77	BM-202	10.40 ～ 11.80	1.40	<0.1	<1.0	0.01	
78	BM-203	11.80 ～ 13.30	1.50	<0.1	<1.0	0.01	
79	BM-204	13.30 ～ 14.30	1.00	<0.1	<1.0	0.02	
80	BM-205	16.40 ～ 17.60	1.20	<0.1	<1.0	0.02	
81	BM-206	17.60 ～ 18.50	0.90	<0.1	<1.0	0.02	
82	BM-207	18.50 ～ 19.70	1.20	<0.1	<1.0	0.02	
83	BM-208	20.70 ～ 21.30	0.60	<0.1	<1.0	0.02	
84	BM-209	21.30 ～ 22.30	1.00	<0.1	<1.0	0.02	
85	BM-210	22.30 ～ 23.20	0.90	<0.1	<1.0	0.02	
86	BM-211	34.50 ～ 34.80	0.30	0.1	<1.0	0.02	
87	BM-212	42.00 ～ 43.10	1.10	<0.1	<1.0	0.02	
88	BM-213	43.10 ～ 43.30	0.20	<0.1	<1.0	0.02	
89	BM-214	43.30 ～ 43.90	0.60	<0.1	<1.0	0.03	
90	BM-215	43.90 ～ 44.50	0.60	<0.1	<1.0	0.02	
91	BM-216	45.80 ～ 46.70	0.90	<0.1	<1.0	0.02	
92	BM-217	52.40 ～ 53.10	0.70	<0.1	<1.0	0.02	
93	BM-218	53.10 ～ 54.00	0.90	<0.1	<1.0	0.02	
94	BM-219	68.70 ～ 69.40	0.70	<0.1	<1.0	0.02	
95	BM-220	69.40 ～ 70.10	0.70	<0.1	<1.0	0.02	
96	BM-221	70.10 ～ 70.60	0.50	<0.1	<1.0	0.04	
97	BM-222	74.40 ～ 75.50	1.10	<0.1	<1.0	0.06	
98	BM-223	76.60 ～ 77.50	0.90	<0.1	<1.0	0.03	
99	BM-224	80.70 ～ 81.10	0.40	0.1	<1.0	0.03	
100	BM-225	86.60 ～ 87.10	0.50	<0.1	<1.0	0.01	

Appendix 2-6(14) Assay Results of the 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	As(%) 0.01%	Remarks
101	BM-226	87.80 ~ 89.10	1.30	<0.1	<1.0	0.01	
102	BM-227	89.10 ~ 90.10	1.00	<0.1	<1.0	0.01	
103	BM-228	91.80 ~ 92.80	1.00	<0.1	<1.0	0.01	
104	BM-229	102.10 ~ 102.80	0.70	<0.1	1.8	0.02	
105	BM-230	102.80 ~ 103.80	1.00	<0.1	1.2	0.02	
106	BM-231	103.80 ~ 104.50	0.70	<0.1	<1.0	0.02	
107	BM-232	104.50 ~ 105.30	0.80	<0.1	1.2	0.03	
108	BM-233	105.30 ~ 106.60	1.30	0.1	<1.0	0.02	
109	BM-234	109.40 ~ 109.80	0.40	0.1	<1.0	0.02	
110	BM-235	112.50 ~ 112.90	0.40	0.1	3.2	0.02	
111	BM-236	116.70 ~ 117.80	1.10	<0.1	<1.0	0.02	
112	BM-237	117.80 ~ 118.80	1.00	<0.1	<1.0	0.02	
113	BM-238	118.80 ~ 120.40	1.60	<0.1	<1.0	0.02	
114	BM-239	120.40 ~ 121.40	1.00	0.3	<1.0	0.02	
115	BM-240	121.40 ~ 122.40	1.00	0.3	<1.0	0.02	
116	BM-241	122.40 ~ 123.50	1.10	0.3	<1.0	0.02	
117	BM-242	123.50 ~ 124.50	1.00	0.4	<1.0	0.03	
118	BM-243	124.50 ~ 125.60	1.10	0.1	<1.0	0.02	
119	BM-244	127.40 ~ 128.20	0.80	0.1	<1.0	0.02	
120	BM-245	128.20 ~ 129.00	0.80	0.1	<1.0	0.02	
121	BM-246	129.00 ~ 129.70	0.70	0.1	<1.0	0.02	
122	BM-247	129.70 ~ 130.10	0.40	<0.1	<1.0	0.02	
123	BM-248	134.20 ~ 135.80	1.60	<0.1	<1.0	0.02	
124	BM-249	135.80 ~ 136.70	0.90	<0.1	<1.0	0.02	
125	BM-250	153.60 ~ 154.40	0.80	0.4	<1.0	0.04	
126	BM-251	154.40 ~ 155.20	0.80	<0.1	<1.0	0.02	
127	BM-252	155.20 ~ 156.70	1.50	0.1	<1.0	0.02	
128	BM-253	157.70 ~ 158.70	1.00	0.1	<1.0	0.03	
129	BM-254	158.70 ~ 159.70	1.00	0.1	<1.0	0.02	
130	BM-255	159.70 ~ 160.30	0.60	1.6	<1.0	0.02	
131	BM-256	160.30 ~ 161.00	0.70	<0.1	<1.0	0.03	
132	BM-257	161.00 ~ 161.30	0.30	0.4	<1.0	0.03	
133	BM-258	161.30 ~ 162.50	1.20	0.3	<1.0	0.03	
134	BM-259	163.60 ~ 164.50	0.90	0.1	<1.0	0.03	
135	BM-260	164.50 ~ 165.50	1.00	0.1	<1.0	0.03	
136	BM-261	170.00 ~ 170.70	0.70	<0.1	<1.0	0.03	
137	BM-262	170.70 ~ 172.30	1.60	<0.1	<1.0	0.02	
138	BM-263	172.30 ~ 173.90	1.60	<0.1	<1.0	0.02	
139	BM-264	173.90 ~ 175.40	1.50	<0.1	<1.0	0.04	
140	BM-265	175.80 ~ 176.80	1.00	<0.1	<1.0	0.04	
141	BM-266	176.80 ~ 177.50	0.70	<0.1	<1.0	0.04	
142	BM-267	177.50 ~ 178.00	0.50	<0.1	<1.0	0.05	

Appendix 2-7. Results of X-Ray Diffraction Analyses

Appendix 2-7(1) Results of X-ray Diffraction Analyses (Drilling Survey)

No.	Sample No.	Locality: Drilling (No.)	Locality: Depth (m)	Locality: District	Rock description	Quartz	Laumontite	Smectite	Halloysite	Kaolinite	Sericite	Chlorite	Plagioclase	K-feldspar	Biotite	Hornblende	Epidote	Muscovite	Tourmaline	Calcite	Dolomite	Ankerite	Pyrite	Hematite	Rutile	Goethite	Apatite	Scheelite	Wolframite
1	BA11-2	MJSN-11	117.30	Altynsai	Quartz vein	◎						○	△		·			◎				△	△						
2	BA11-3	MJSN-11	238.30	Altynsai	Quartz vein	◎						△	○					△		△									
3	BA12-4	MJSN-12	133.60	Altynsai	Quartz vein	◎						·	·					○	○				△				○	○	
4	BA12-5	MJSN-12	141.80	Altynsai	Quartz vein	◎				△								◎			△		△		·				
5	BA13-2	MJSN-13	63.90	Altynsai	Quartz vein	◎						△	△		·			◎					△		·				
6	BA13-5	MJSN-13	122.40	Altynsai	Quartz-tourmaline vein	◎													◎				△			△			
7	BA14-3	MJSN-14	65.60	Altynsai	Quartz vein	◎							△					○	·			·	·						
8	BA14-6	MJSN-14	147.70	Altynsai	Quartz vein	◎				·			△		·			◎	△			△	△						
9	BM1-2	MJML-1	42.00	Maulyan	Quartz vein	◎						△	○		·			○											
10	BM1-3	MJML-1	67.10	Maulyan	Quartz vein	◎						○	△					○					·						
11	BM1-6	MJML-1	198.10	Maulyan	Quartz vein	◎						△	△		·			◎					△						
12	BM2-3	MJML-2	121.40	Maulyan	Quartz vein	◎						△	○		△			◎	△	△			·						
13	BM2-6	MJML-2	176.10	Maulyan	Quartz vein	○						◎	◎	○				△					△						

◎ : abundant, ○ : common, △ : poor, · : rare

Appendix 2-7(2) Results of X-ray Diffraction Analyses
(Detailed Survey in the Maulyan District)

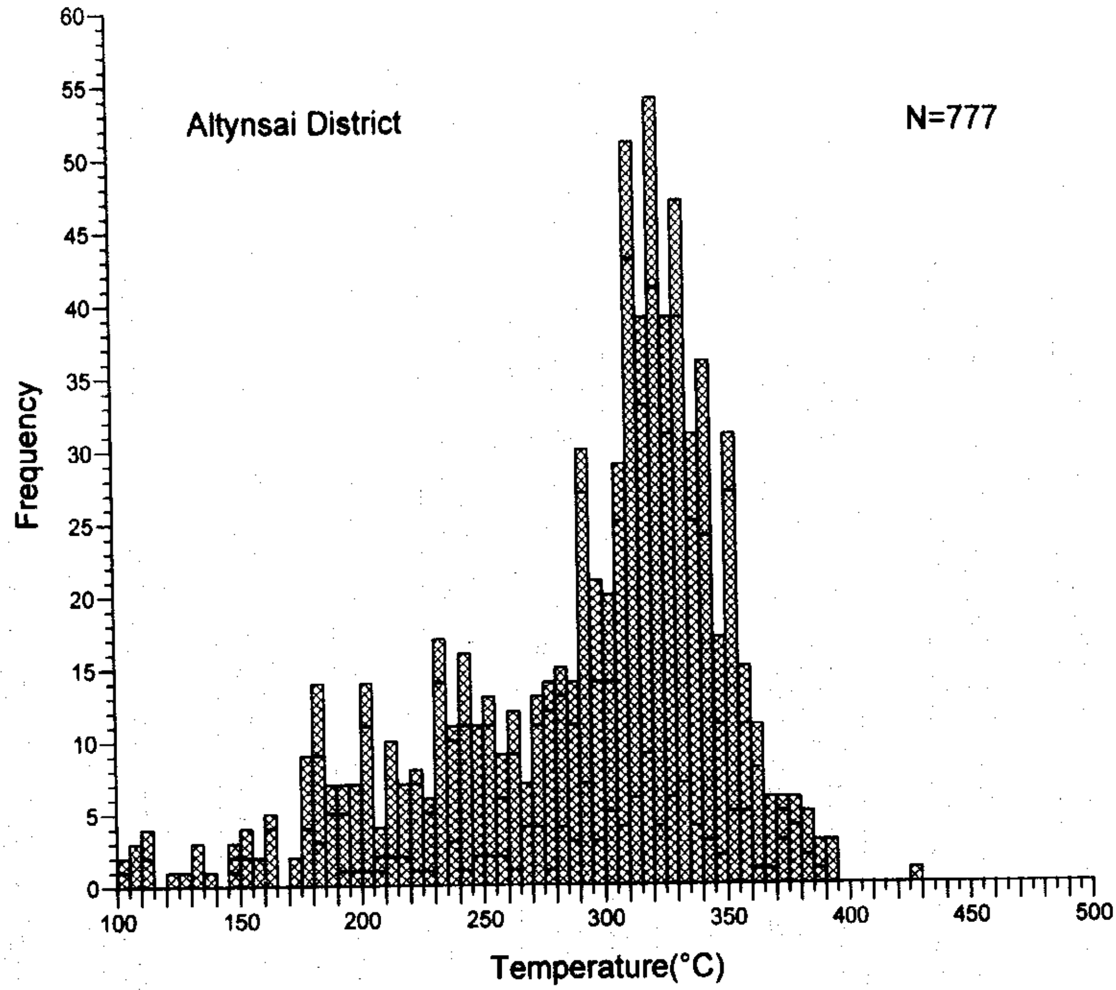
No.	Sample No.	Locality Grid (x-y)		Rock description	Quartz	Laumontite	Smectite	Halloysite	Kaolinite	Sericite	Chlorite	Plagioclase	K-feldspar	Biotite	Hornblende	Epidote	Muscovite	Tourmaline	Garnet	Jarosite	Calcite	Ankerite	Pyrite	Hematite	Goethite	Rutile	Goethite	Apatite	Scheelite	Wolframite
1	GIX-1	72.72	62.29	Light gray silicified rock	◎			·					△				○			·					△					
2	GIX-3	69.75	63.81	Reddish brown weathered granit	◎						△	○	○			△														
3	GIX-4	71.10	63.87	Altered granite	◎	○	·					○	◎		△															
4	GIX-5	75.45	61.53	Silicified shale	◎						○	△	◎																	
5	GIX-7	74.34	59.80	Limonitized altered rock	◎												·							△	△					
6	GIX-9	73.78	59.36	Silicified schist	◎						○	◎																		
7	GIX-10	74.78	59.64	Silicified schist	◎						△	◎					△													
8	GIX-12	74.58	59.01	Silicified schist	◎						△			·			○		·											
9	GIX-13	73.19	56.30	Limonitized altered rock	◎												△								△					
10	GIX-14	73.29	58.51	Quartz-chlorite vein	◎						△	△					○		△											
11	GIX-15	72.79	58.70	Quartz vein	◎						△	·	△				△						·							
12	GIX-16	72.79	58.70	Limonitized altered rock	○				·?								·								△					
13	GIX-18	71.44	57.62	Quartz vein	◎						◎																			
14	GIX-19	72.30	58.41	Light gray schist								·		·			◎								·					
15	GIX-20	72.43	58.68	Silicified schist							△	◎	○								△					·				
16	GIX-21	71.72	59.00	Silicified schist	◎				·			△	△				△													
17	GIX-24	70.15	59.88	Limonitized altered rock	◎							·					△								△					
18	GIX-25	70.27	59.77	Quartz-chlorite vein	◎						○	◎					△													
19	GIX-26	70.34	59.22	Silicified sandstone	◎							◎	△				△													
20	GIX-27	70.35	59.07	Silicified sandstone	◎							○	△				△													
21	GIX-28	70.45	57.46	Silicified sandstone	◎							◎					○								△	·				
22	GIX-29	71.22	59.44	Altered shale								◎	○																	
23	GIX-30	71.06	58.67	Silicified sandstone	◎							○					○													
24	GIX-31	69.90	59.76	Silicified sandstone	◎							◎	◎																	
25	GIX-32	69.98	59.52	Silicified sandstone	◎							◎					△								△					
26	GIX-35	69.01	58.95	Silicified sandstone	◎							·					△				◎									
27	GIX-36	68.15	59.47	Silicified sandstone	◎												○									·				
28	GIX-37	68.22	59.81	Phyllite	·		·?										◎	△								△				
29	GIX-38	68.16	59.16	Silicified sandstone	◎								·				·								△					
30	GIX-39	69.65	63.07	Altered shale	◎							△	○				△													

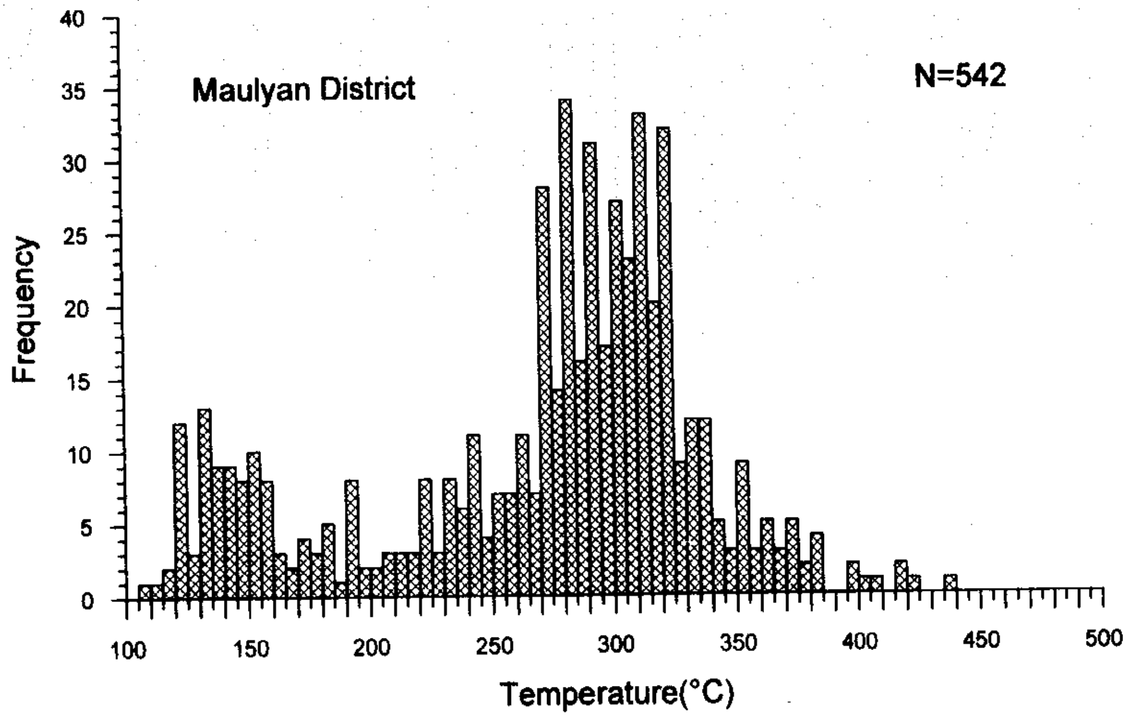
◎ : abundant, ○ : common, △ : poor, · : rare

Appendix 2-8. Homogenization Temperatures of the Fluid Inclusions

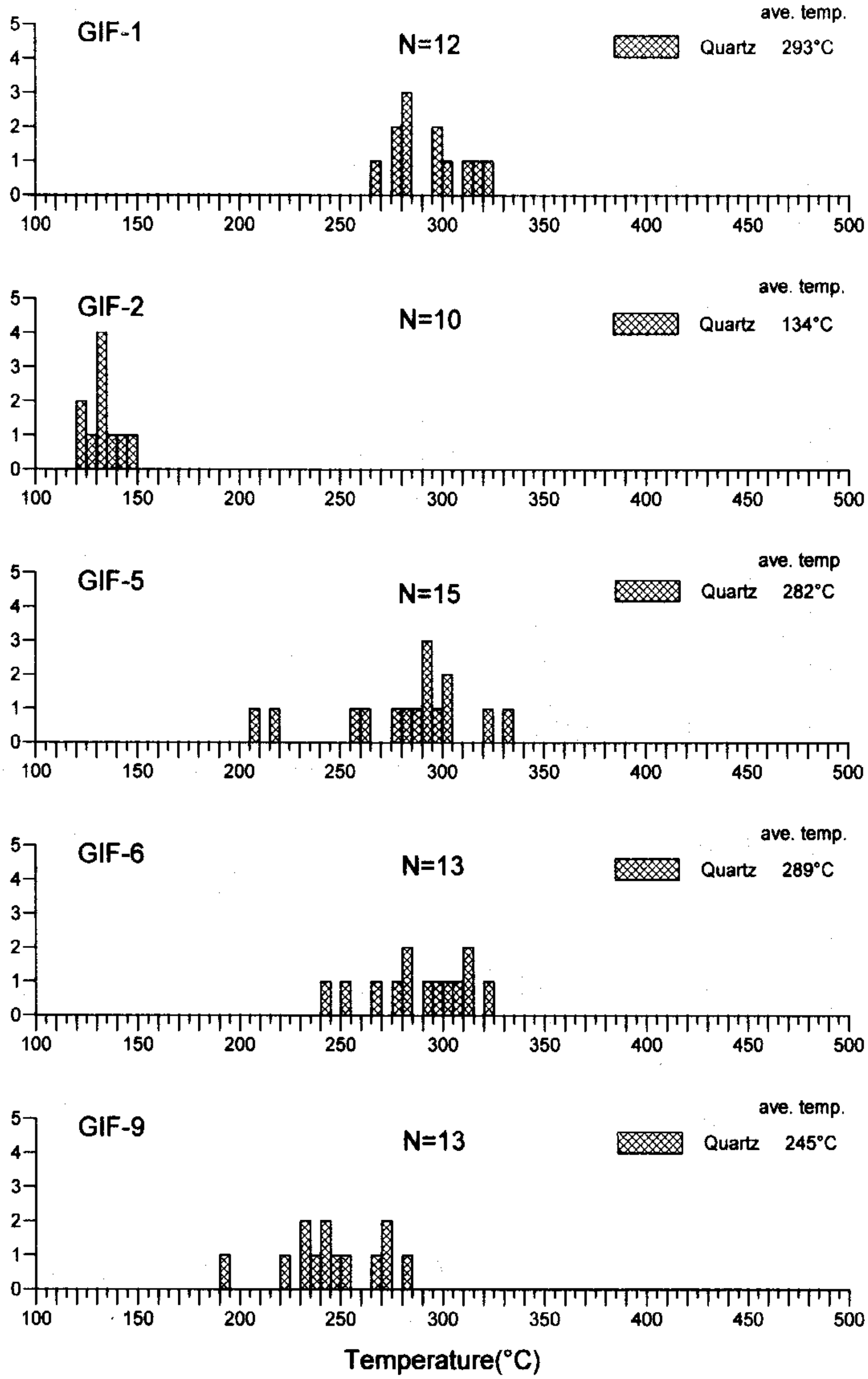
Appendix 2-8(1) Homogenization Temperatures of the Fluid Inclusions

No.	Sample No.	Location	Mmineral	Au(g/t)	Number of Inclusion	Range of filling temperature (℃)		
						Min.	Max.	Ave.
1	GIF-1	Maulyan(74.52 , 61.26)	Quartz	0.1	12	268	322	293
2	GIF-2	Maulyan(73.86 , 62.37)	Quartz	<0.1	10	121	148	134
3	GIF-5	Maulyan(69.53 , 61.99)	Quartz	<0.1	15	206	332	282
4	GIF-6	Maulyan(69.30 , 62.31)	Quartz	<0.1	13	245	321	289
5	GIF-9	Maulyan(69.17 , 61.32)	Quartz	<0.1	13	191	281	245
6	GIF-10	Maulyan(70.91 , 61.49)	Quartz	<0.1	14	136	418	280
7	GIF-11	Maulyan(70.72 , 61.05)	Quartz	<0.1	9	272	322	297
8	GIF-12	Maulyan(75.29 , 60.99)	Quartz	<0.1	20	163	325	248
9	GIF-13	Maulyan(74.37 , 59.67)	Quartz	<0.1	12	232	321	274
10	GIF-15	Maulyan(74.09 , 61.35)	Quartz	<0.1	4	287	310	300
11	GIF-16	Maulyan(71.02 , 60.99)	Quartz	<0.1	18	295	371	334
12	GIF-17	Maulyan(71.72 , 61.46)	Quartz	<0.1	7	157	324	280
13	GIF-18	Maulyan(71.72 , 61.16)	Quartz	<0.1	12	151	315	276
14	GIF-20	Maulyan(74.22 , 58.13)	Quartz	<0.1	14	218	335	301
15	GIF-21	Maulyan(73.37 , 56.24)	Quartz	<0.1	15	256	336	294
16	GIF-23	Maulyan(71.88 , 56.90)	Quartz	<0.1	7	204	327	261
17	GIF-24	Maulyan(72.26 , 57.38)	Quartz	<0.1	10	148	337	274
18	GIF-25	Maulyan(72.61 , 57.69)	Quartz	<0.1	6	265	321	297
19	GIF-26	Maulyan(72.67 , 58.53)	Quartz	1.2	12	225	292	267
20	GIF-30	Maulyan(72.95 , 56.75)	Quartz	<0.1	13	263	325	295
21	GIF-31	Maulyan(71.25 , 57.45)	Quartz	<0.1	11	154	315	272
22	GIF-32	Maulyan(71.44 , 57.62)	Quartz	0.1	22	237	423	298
23	GIF-34	Maulyan(72.49 , 58.78)	Quartz	<0.1	11	175	352	261
24	GIF-38	Maulyan(70.34 , 59.44)	Quartz	<0.1	21	124	269	188
25	GIF-40	Maulyan(70.26 , 58.18)	Quartz	<0.1	11	264	311	286
26	GIF-42	Maulyan(71.24 , 59.78)	Quartz	<0.1	36	119	439	301
27	GIF-43	Maulyan(71.02 , 59.11)	Quartz	<0.1	17	252	362	309
28	GIF-44	Maulyan(69.94 , 59.65)	Quartz	<0.1	12	258	321	298
29	GIF-45	Maulyan(69.98 , 59.52)	Quartz	<0.1	12	284	406	332
30	GIF-46	Maulyan(69.96 , 59.17)	Quartz	<0.1	7	274	351	319
31	GIF-47	Maulyan(69.50 , 58.13)	Quartz	<0.1	13	274	371	334
32	GIF-50	Maulyan(69.05 , 59.26)	Quartz	0.1	18	108	184	133
33	GIF-51	Maulyan(69.40 , 60.15)	Quartz	<0.1	11	125	176	141
34	GIF-52	Maulyan(68.16 , 59.16)	Quartz	0.8	4	138	156	148
35	GIF-54	Maulyan(69.65 , 63.07)	Quartz	<0.1	9	138	184	153
36	GIF-57	Maulyan(56.24 , 73.54)	Quartz	<0.1	28	122	403	292
37	GIF-60	Maulyan(74.59 , 57.22)	Quartz	0.2	7	238	324	295
38	BA11-3	MJSN-11, 238.30m	Quartz	0.2	9	275	334	300
39	BA12-2	MJSN-12,66.60m	Quartz	<0.1	36	183	354	298
40	BA12-6	MJSN-12, 155.20m	Quartz	<0.1	29	274	395	336
41	BA13-1	MJSN-13, 63.30m	Quartz	0.2	29	185	360	265
42	BA13-5	MJSN-13, 122.40m	Quartz	0.9	18	183	341	297
43	BA14-1	MJSN-14, 42.00m	Quartz	0.1	23	146	395	307
44	BA14-4	MJSN-14, 67.20m	Quartz	0.6	10	274	335	311
45	BM1-1	MJML-1, 16.20m	Quartz	<0.1	8	255	381	329
46	BM1-4	MJML-1, 78.00m	Quartz	<0.1	17	158	380	291
47	BM1-5	MJML-1, 104.35m	Quartz	2.0	7	138	275	221
48	BM2-1	MJML-2, 44.00m	Quartz	<0.1	8	171	257	228
49	BM2-4	MJML-2, 121.70m	Quartz	0.3	8	184	381	279
50	BM2-5	MJML-2, 160.20m	Quartz	1.6	14	158	322	281
51	AL-No.8(fine)	Altynsai No.8vein	Quartz	–	20	186	348	303
52	AL-No.8(crs.)	Altynsai No.8vein	Quartz	–	30	278	335	302

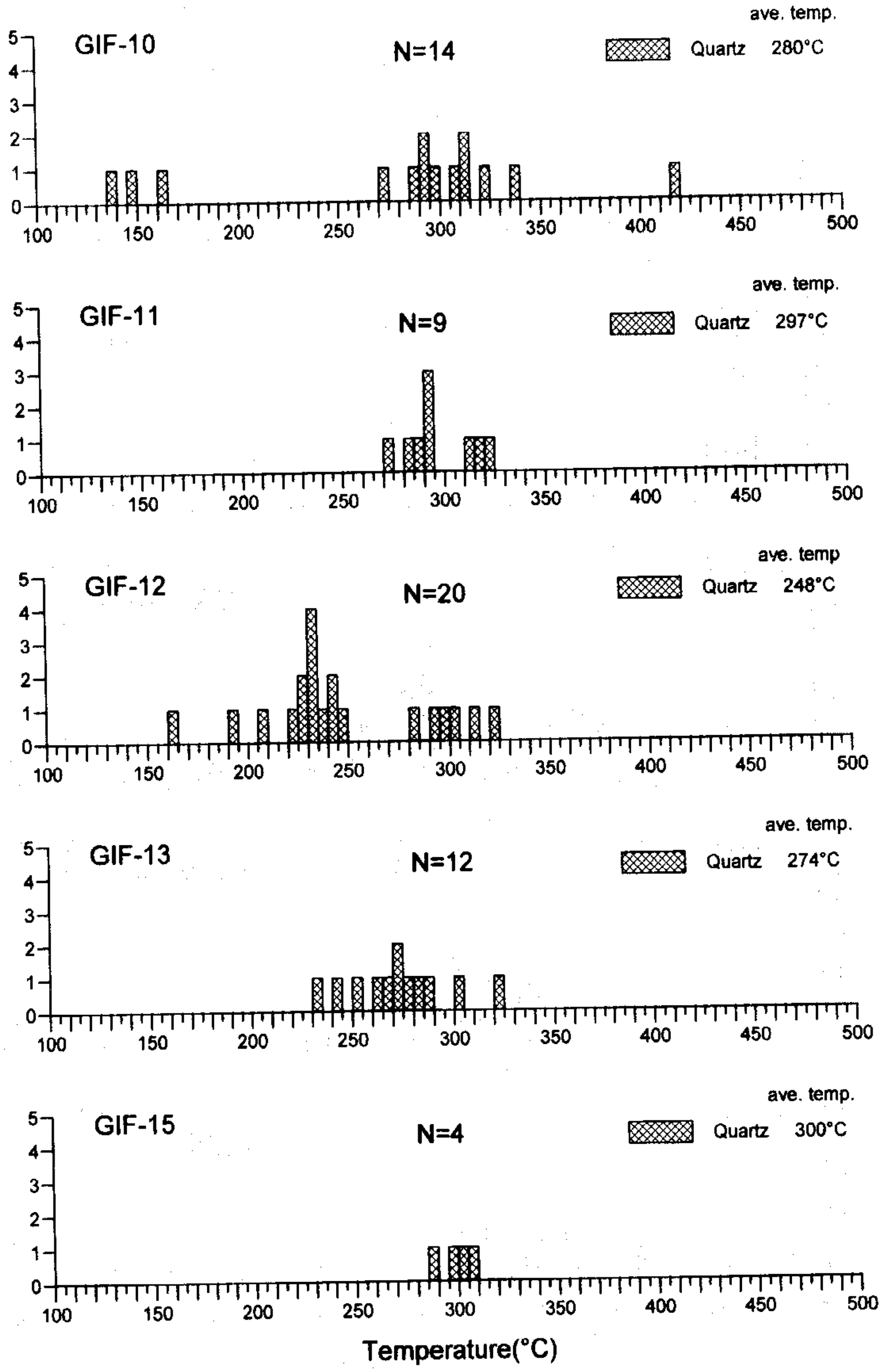




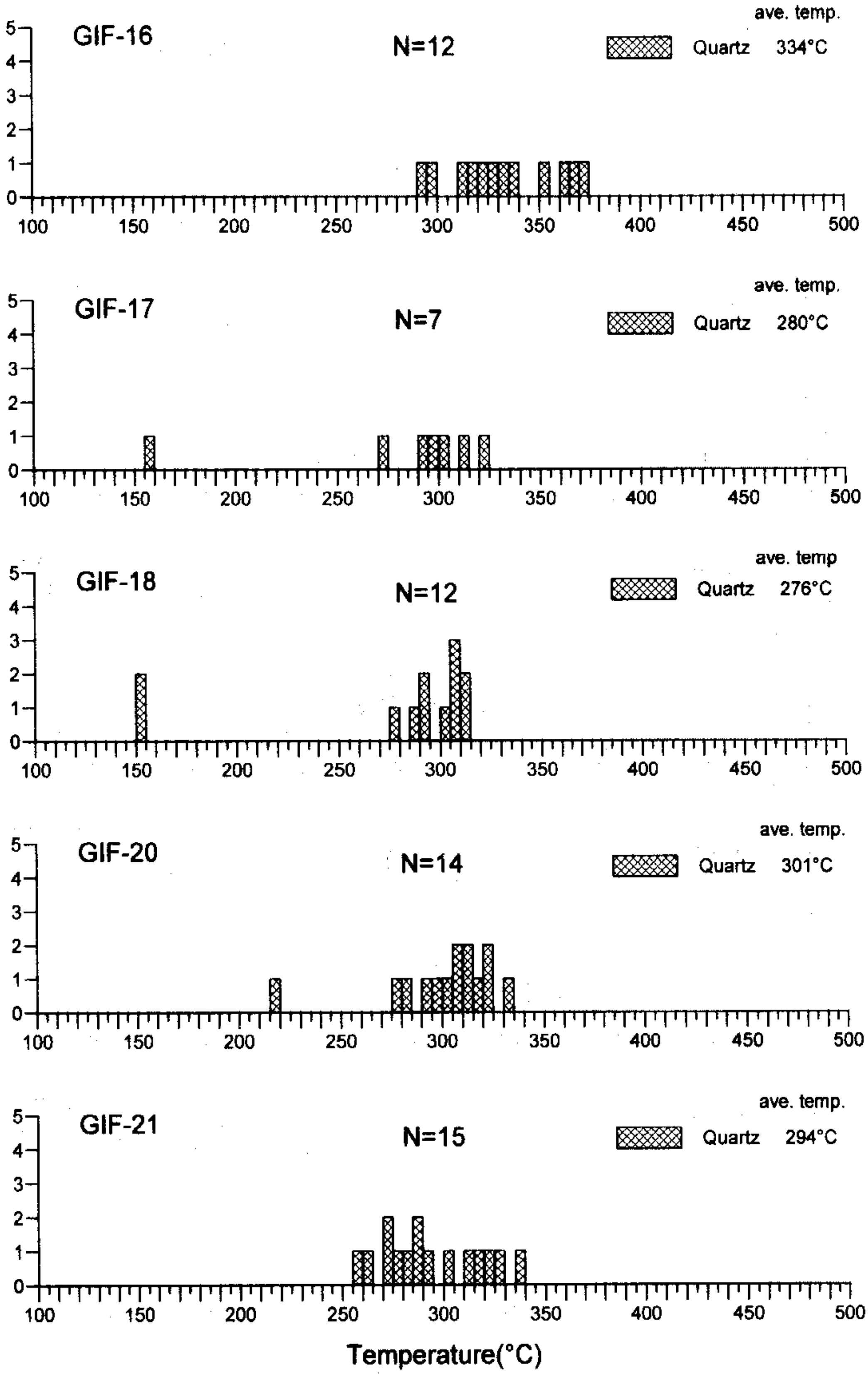
Appendix 2-8(2) Homogenization Temperature of the Fluid Inclusion



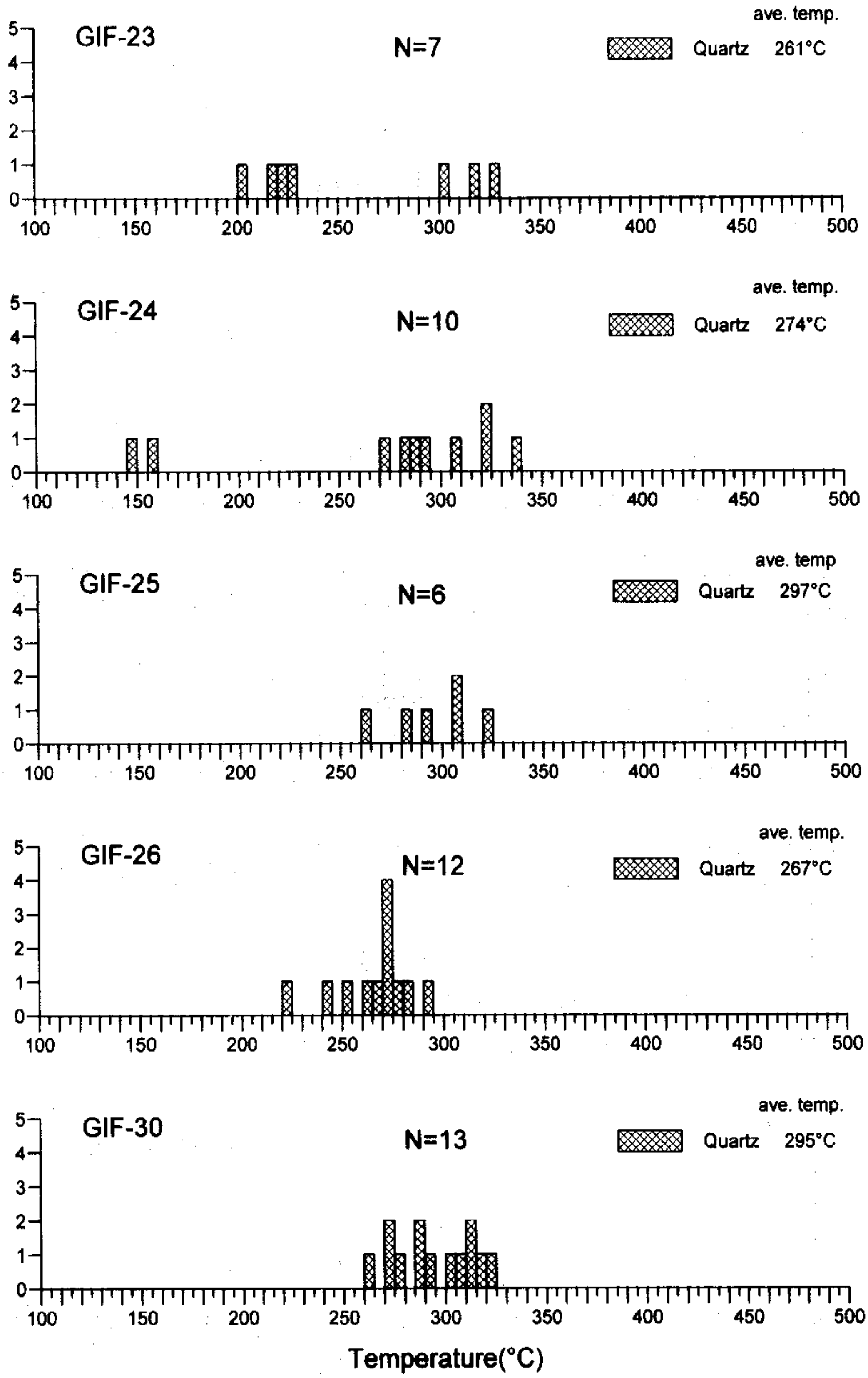
Appendix 2-8(3) Homogenization Temperature of the Fluid Inclusion



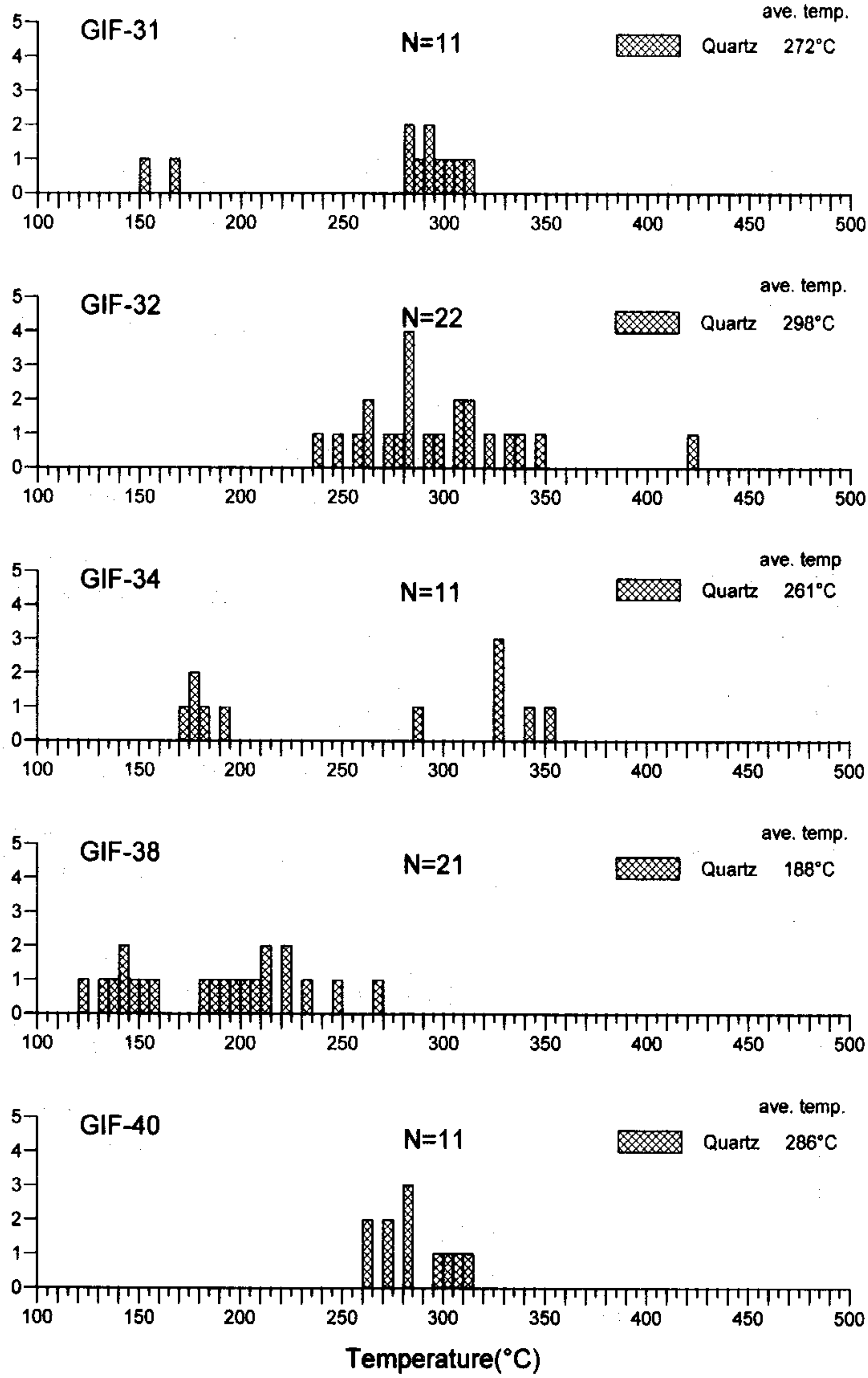
Appendix 2-8(4) Homogenization Temperature of the Fluid Inclusion



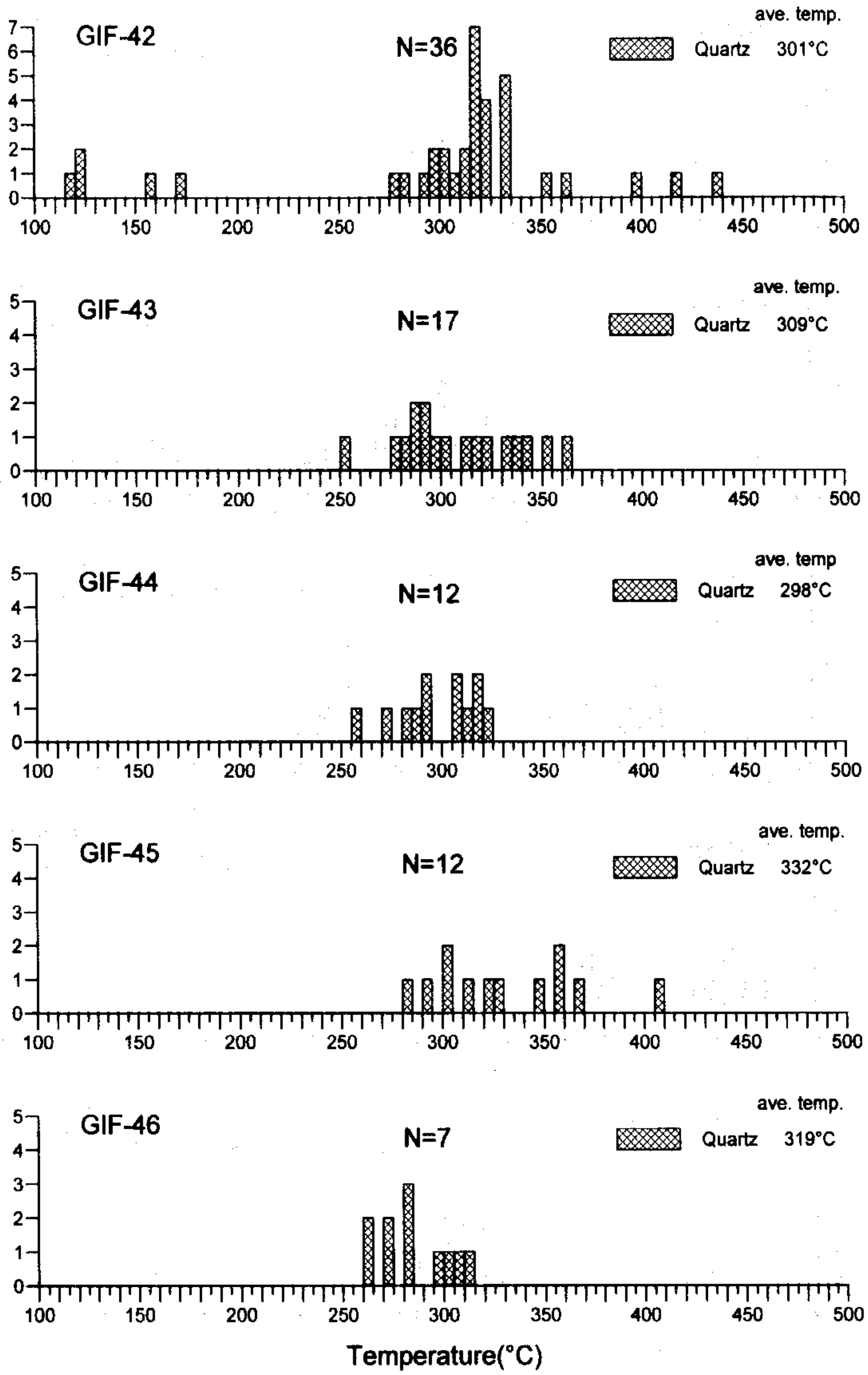
Appendix 2-8(5) Homogenization Temperature of the Fluid Inclusion



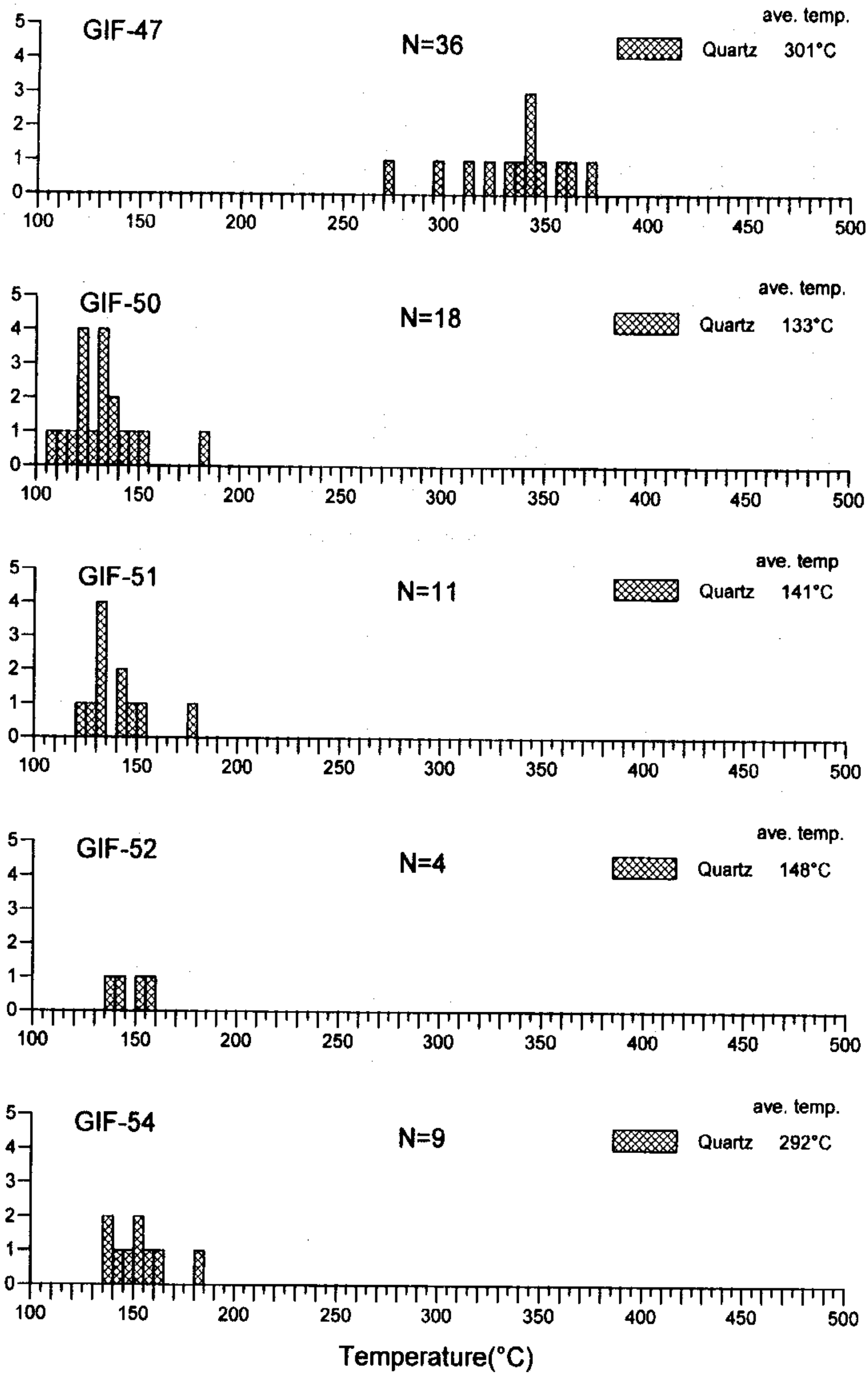
Appendix 2-8(6) Homogenization Temperature of the Fluid Inclusion



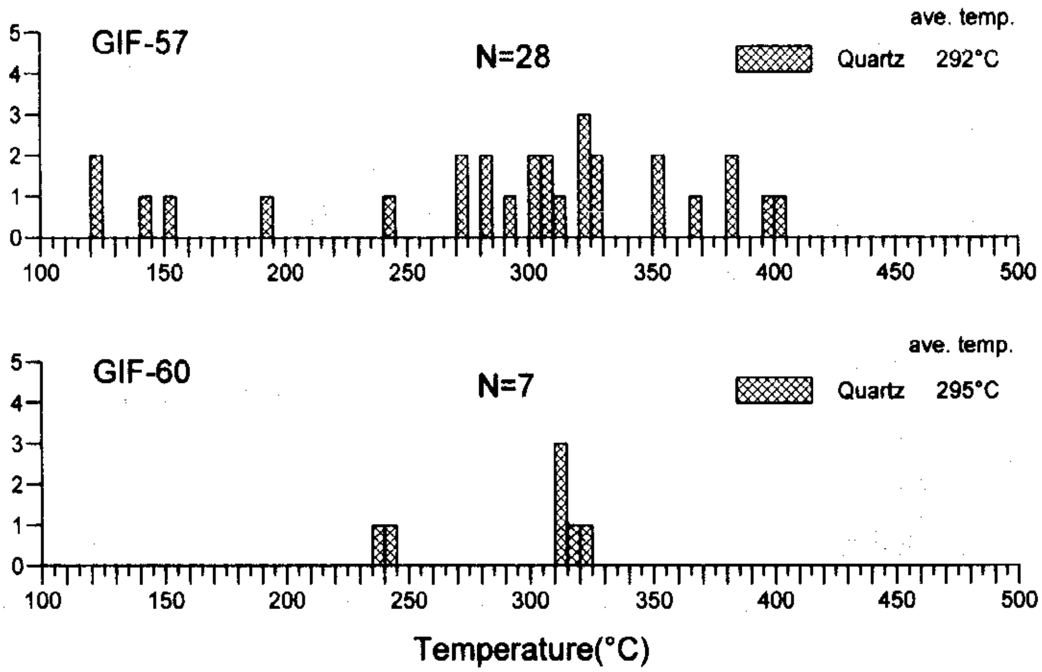
Appendix 2-8(7) Homogenization Temperature of the Fluid Inclusion



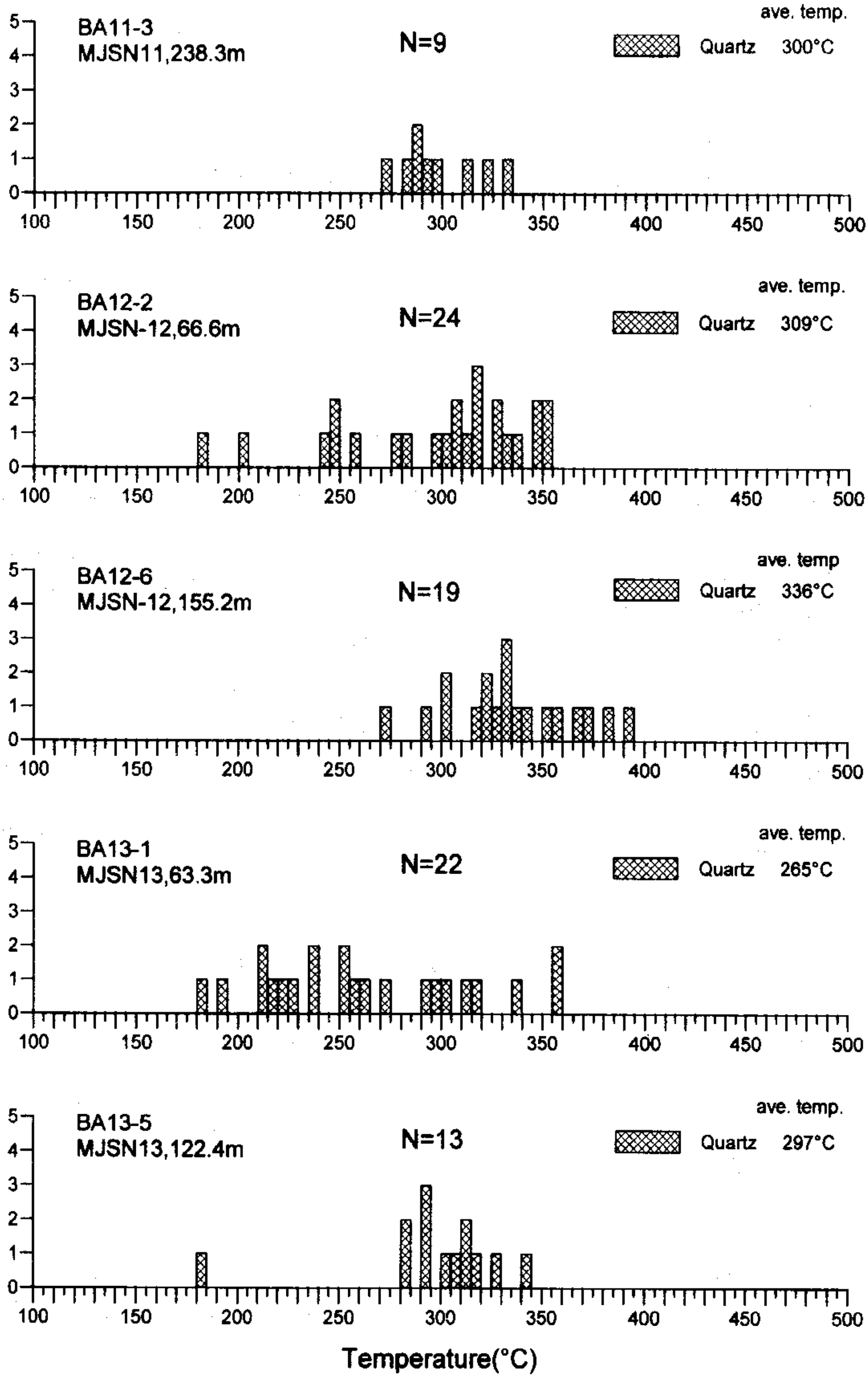
Appendix 2-8(8) Homogenization Temperature of the Fluid Inclusion



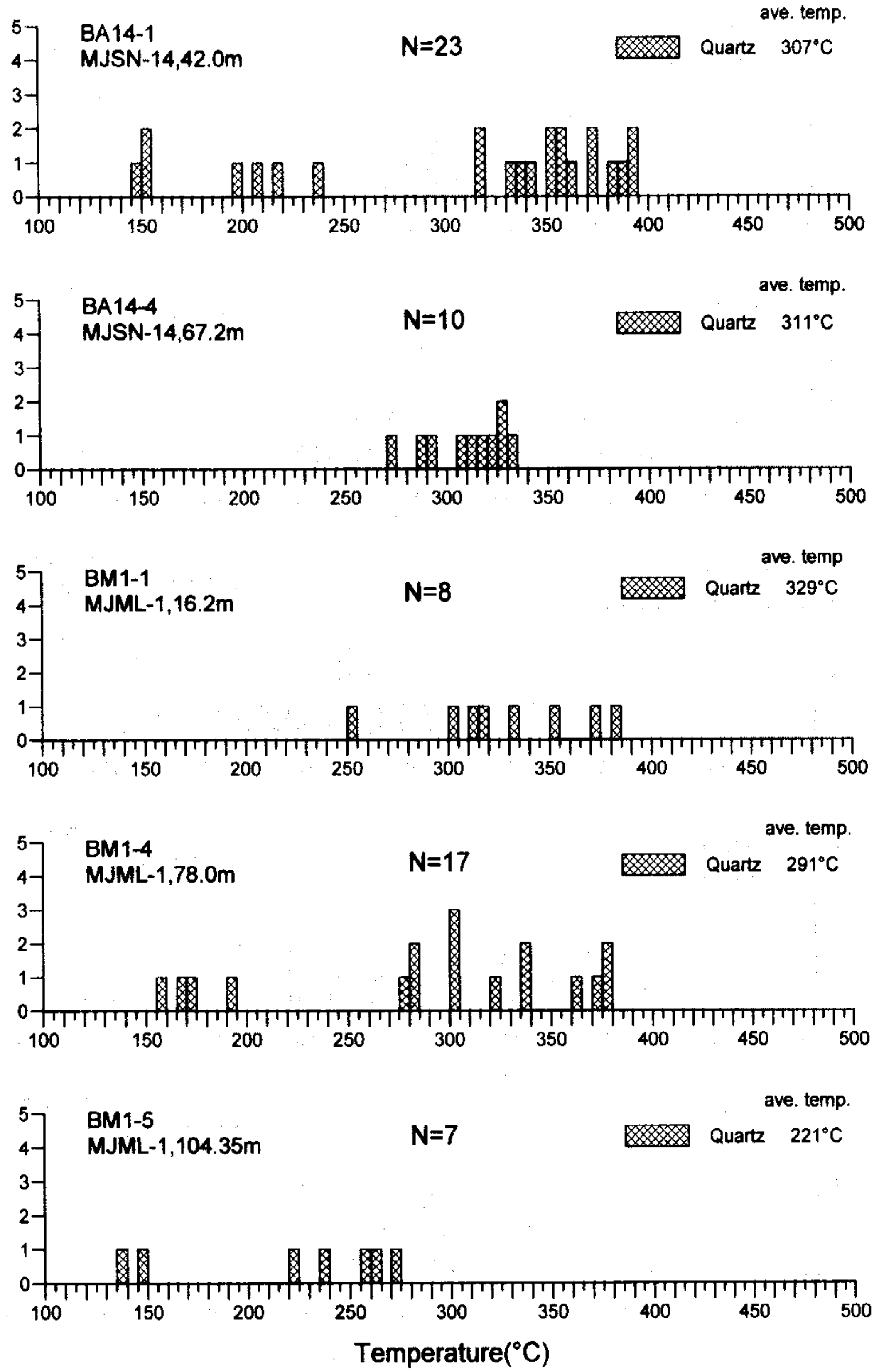
Appendix 2-8(9) Homogenization Temperature of the Fluid Inclusion



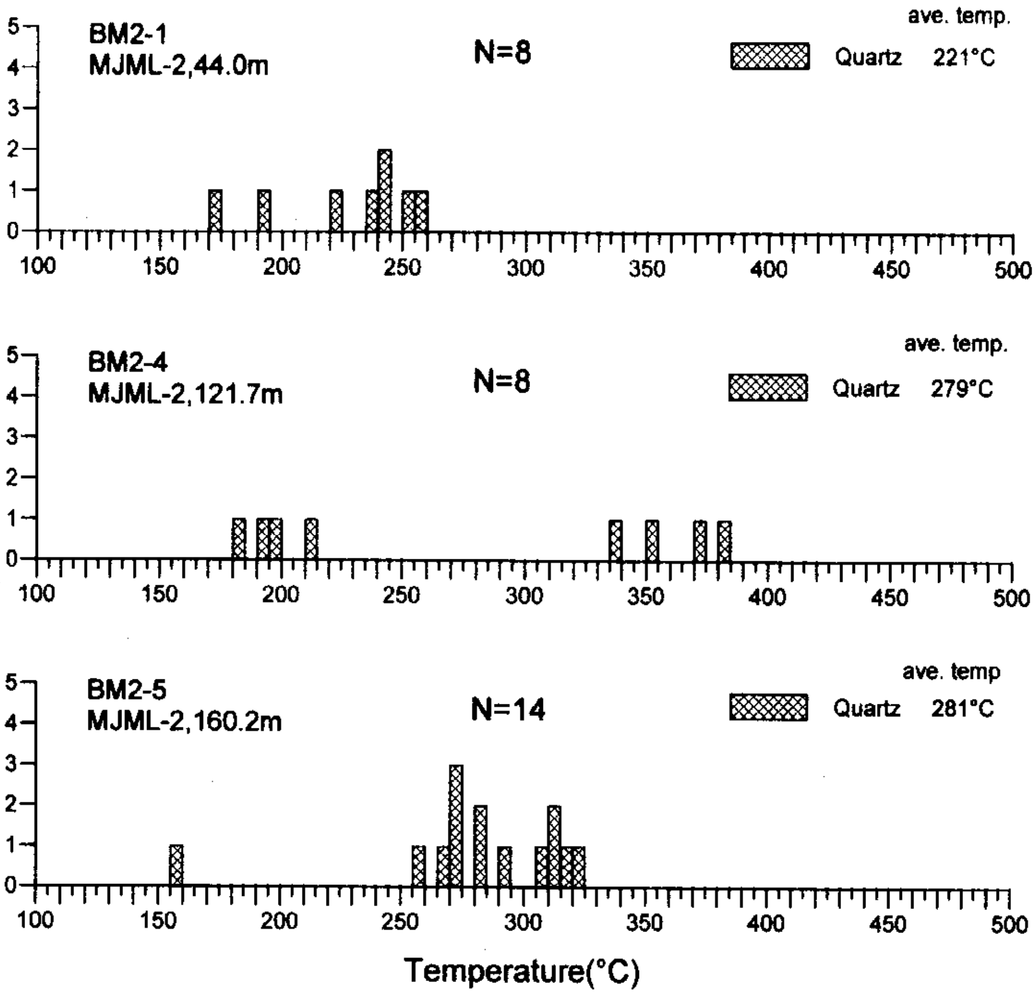
Appendix 2-8(10) Homogenization Temperature of the Fluid Inclusion



Appendix 2-8(11) Homogenization Temperature of the Fluid Inclusion



Appendix 2-8(12) Homogenization Temperature of the Fluid Inclusion



Appendix 2-8(13) Homogenization Temperature of the Fluid Inclusion

Appendix 2-9. Assay Results of the Geochemical Samples

Appendix 2-9(1) Assay Results of the Geochemical Samples

No.	Sample No.	Au(ppb)	Ag(ppm)	Hg(ppm)	Sb(ppm)	As(ppm)	Pb(ppm)	Zn(ppm)	Cd(ppm)	Cu(ppm)	Bi(ppm)	V(ppm)	Ni(ppm)	Co(ppm)	Cr(ppm)	Mo(ppm)	W(ppm)	Be(ppm)	Li(ppm)	Nb(ppm)	Ta(ppm)	Te(ppm)	Mn(ppm)	P(ppm)
	Lower limit→	5ppb	0.2ppm	10ppb	0.2ppm	1ppm	2ppm	2ppm	0.5ppm	1ppm	2ppm	1ppm	1ppm	1ppm	1ppm	1ppm	10ppm	0.5ppm	1ppm	2ppm	2ppm	0.1ppm	5ppm	10ppm
1	GIG-1	<5	0.2	<10	<0.2	<1	20	74	<0.5	28	<2	42	29	13	50	<1	<10	0.5	30	<2	14	<0.1	595	440
2	GIG-2	<5	<0.2	<10	0.2	44	20	26	<0.5	20	<2	4	6	<1	6	1	<10	4.0	12	16	34	<0.1	710	1040
3	GIG-3	<5	<0.2	<10	<0.2	9	24	42	<0.5	21	<2	19	6	2	8	<1	<10	4.5	52	2	14	<0.1	340	590
4	GIG-4	<5	0.2	<10	0.2	17	26	58	<0.5	12	<2	64	33	10	58	<1	<10	1.5	24	<2	18	<0.1	585	740
5	GIG-5	<5	0.2	<10	0.4	63	22	50	0.5	45	<2	122	34	17	86	<1	<10	2.5	42	<2	16	<0.1	450	480
6	GIG-6	<5	0.2	<10	<0.2	2	32	14	<0.5	4	<2	5	6	1	7	<1	<10	1.5	14	2	20	<0.1	260	410
7	GIG-7	<5	0.2	<10	<0.2	<1	22	42	<0.5	7	<2	44	12	7	17	<1	<10	2.5	24	2	20	<0.1	505	670
8	GIG-8	<5	0.2	<10	0.6	1	28	114	0.5	40	<2	136	40	16	91	<1	<10	2.5	50	<2	14	<0.1	670	360
9	GIG-9	<5	0.2	<10	<0.2	20	24	10	<0.5	9	<2	2	6	1	5	<1	<10	7.5	14	2	12	<0.1	200	940
10	GIG-10	<5	0.2	<10	0.2	<1	14	92	0.5	97	2	6	4	<1	9	3	<10	<0.5	4	<2	<2	<0.1	40	<10
11	GIG-11	<5	0.2	<10	<0.2	8	20	82	<0.5	28	<2	79	32	13	73	<1	<10	1.5	24	<2	16	<0.1	490	680
12	GIG-12	5	<0.2	<10	0.2	21	12	94	0.5	111	<2	270	79	40	140	<1	<10	0.5	16	<2	6	<0.1	1210	390
13	GIG-13	<5	0.2	<10	0.2	2	22	112	1.5	45	2	128	28	15	80	<1	<10	2.5	30	2	26	<0.1	265	590
14	GIG-14	<5	0.2	<10	0.4	<1	24	130	0.5	53	<2	156	27	17	92	1	<10	2.5	28	2	22	<0.1	455	420
15	GIG-15	<5	0.6	<10	0.2	12	16	38	2.0	66	<2	664	34	5	47	7	<10	1.0	12	<2	10	<0.1	255	680
16	GIG-16	45	0.2	<10	0.2	38	20	70	<0.5	42	<2	72	22	10	66	<1	<10	1.5	22	<2	18	<0.1	495	620
17	GIG-17	10	0.4	<10	0.2	11	18	96	<0.5	35	<2	100	26	15	73	<1	<10	1.5	38	2	18	<0.1	495	460
18	GIG-18	<5	0.2	<10	<0.2	26	26	94	0.5	38	2	118	43	14	94	<1	<10	3.0	18	<2	16	<0.1	2950	460
19	GIG-19	<5	0.4	<10	<0.2	18	24	76	0.5	55	<2	124	19	8	85	<1	<10	3.0	34	2	36	<0.1	445	650
20	GIG-20	10	0.2	<10	0.6	13	12	66	<0.5	36	<2	67	24	9	76	<1	<10	1.0	22	<2	16	<0.1	290	470
21	GIG-21	<5	<0.2	<10	<0.2	4	18	126	0.5	126	8	14	6	1	18	2	<10	<0.5	4	<2	4	<0.1	510	140
22	GIG-22	<5	0.2	<10	1.0	64	8	82	<0.5	35	<2	84	49	16	65	3	<10	2.0	32	<2	16	<0.1	4010	800
23	GIG-23	<5	0.2	<10	<0.2	1	10	120	<0.5	30	<2	119	38	18	84	<1	<10	2.5	40	<2	16	<0.1	625	280
24	GIG-24	<5	0.2	<10	<0.2	6	8	82	<0.5	45	<2	107	23	9	77	1	<10	2.0	24	<2	22	<0.1	475	540
25	GIG-25	<5	0.2	<10	0.2	21	18	150	0.5	32	<2	148	28	11	101	<1	<10	2.5	36	<2	20	<0.1	600	560
26	GIG-26	10	0.2	<10	0.4	5	14	354	1.5	35	<2	64	28	11	57	<1	<10	1.5	28	<2	16	<0.1	550	520
27	GIG-27	<5	0.2	<10	<0.2	5	18	70	<0.5	31	2	58	32	10	73	<1	<10	1.5	20	<2	16	<0.1	505	710
28	GIG-28	<5	0.2	<10	0.2	17	20	62	<0.5	28	<2	54	31	12	54	1	<10	1.0	16	<2	16	<0.1	565	630
29	GIG-29	<5	0.2	<10	<0.2	<1	12	70	<0.5	77	6	<1	1	<1	4	<1	<10	<0.5	2	<2	<2	<0.1	95	<10
30	GIG-30	<5	0.2	<10	<0.2	1	10	68	<0.5	75	12	6	<1	<1	4	5	<10	<0.5	4	<2	2	<0.1	45	<10
31	GIG-31	<5	<0.2	<10	<0.2	1	12	74	<0.5	77	12	7	3	<1	6	<1	<10	<0.5	4	<2	<2	<0.1	55	<10
32	GIG-32	<5	0.2	<10	<0.2	3	12	68	0.5	68	8	1	2	<1	4	1	<10	<0.5	2	<2	<2	<0.1	40	<10
33	GIG-33	<5	0.2	<10	<0.2	4	18	124	<0.5	33	<2	121	38	15	80	<1	<10	2.5	28	<2	18	<0.1	800	510
34	GIG-34	<5	0.2	<10	0.2	10	8	64	<0.5	23	<2	67	32	10	58	<1	<10	1.5	20	<2	18	<0.1	550	810
35	GIG-35	<5	0.2	<10	<0.2	1	12	52	0.5	57	<2	2	1	1	3	1	<10	<0.5	2	<2	<2	<0.1	90	<10
36	GIG-36	50	0.2	<10	0.4	37	26	124	0.5	79	<2	187	35	12	110	<1	<10	2.0	28	2	16	<0.1	550	510
37	GIG-37	<5	0.2	<10	0.2	6	12	42	<0.5	51	<2	10	5	<1	10	2	<10	<0.5	4	<2	2	<0.1	380	80
38	GIG-38	10	0.2	<10	0.2	31	26	112	<0.5	46	<2	139	29	12	97	<1	<10	2.5	28	<2	16	<0.1	560	420
39	GIG-39	<5	0.2	<10	<0.2	12	14	94	<0.5	35	<2	74	48	17	76	<1	<10	2.5	32	2	16	<0.1	4030	690
40	GIG-40	<5	<0.2	<10	0.4	27	18	96	<0.5	39	<2	94	48	25	85	<1	<10	3.0	32	<2	14	<0.1	1595	550

Appendix 2-9(2) Assay Results of the Geochemical Samples

No.	Sample No.	Au(ppb)	Ag(ppm)	Hg(ppm)	Sb(ppm)	As(ppm)	Pb(ppm)	Zn(ppm)	Cd(ppm)	Cu(ppm)	Bi(ppm)	V(ppm)	Ni(ppm)	Co(ppm)	Cr(ppm)	Mo(ppm)	W(ppm)	Be(ppm)	Li(ppm)	Nb(ppm)	Ta(ppm)	Te(ppm)	Mn(ppm)	P(ppm)
	Lower limit→	5ppb	0.2ppm	10ppb	0.2ppm	1ppm	2ppm	2ppm	0.5ppm	1ppm	2ppm	1ppm	1ppm	1ppm	1ppm	1ppm	10ppm	0.5ppm	1ppm	2ppm	2ppm	0.1ppm	5ppm	10ppm
41	GIG-41	15	0.4	10	2.0	8	20	34	0.5	85	<2	267	35	9	82	17	<10	2.0	30	<2	14	<0.1	250	280
42	GIG-42	<5	0.2	<10	0.4	6	12	82	<0.5	30	<2	103	26	10	78	<1	<10	2.0	40	<2	16	<0.1	615	800
43	GIG-43	<5	0.2	<10	<0.2	1	12	14	0.5	<1	<2	10	7	1	5	1	<10	0.5	6	<2	<2	<0.1	345	150
44	GIG-44	<5	<0.2	<10	0.2	4	10	86	<0.5	31	<2	107	38	18	88	<1	<10	2.5	36	<2	14	<0.1	1100	450
45	GIG-45	<5	0.2	<10	<0.2	5	12	64	0.5	121	<2	120	11	4	83	<1	<10	3.0	24	<2	20	<0.1	250	110
46	GIG-46	<5	0.2	<10	<0.2	11	18	52	<0.5	15	<2	53	28	12	68	<1	<10	1.5	16	<2	16	<0.1	475	630
47	GIG-47	<5	0.2	<10	0.2	4	20	30	<0.5	16	<2	30	13	4	19	4	<10	0.5	10	<2	2	<0.1	480	240
48	GIG-48	30	0.8	<10	6.0	26	18	58	1.0	31	<2	477	24	4	76	11	<10	2.0	16	<2	12	<0.1	155	500
49	GIG-49	<5	0.2	<10	<0.2	3	12	66	<0.5	50	<2	111	22	7	79	1	<10	2.0	28	<2	16	<0.1	505	280
50	GIG-50	<5	<0.2	<10	<0.2	15	12	88	<0.5	71	2	88	31	10	60	<1	<10	1.5	30	<2	14	<0.1	550	520
51	GIG-51	<5	0.2	<10	0.2	7	28	30	<0.5	16	<2	26	14	4	20	1	<10	0.5	8	<2	4	<0.1	2630	210
52	GIG-52	<5	0.2	<10	<0.2	3	6	124	<0.5	11	<2	83	41	14	63	<1	<10	2.0	28	2	20	<0.1	645	760
53	GIG-53	<5	0.2	<10	<0.2	4	10	60	<0.5	20	4	73	21	8	62	<1	<10	1.5	20	<2	18	<0.1	520	630
54	GIG-54	10	<0.2	<10	<0.2	5	10	88	<0.5	35	<2	103	45	20	89	<1	<10	3.0	36	<2	18	<0.1	940	740
55	GIG-55	<5	0.2	<10	<0.2	3	8	6	<0.5	<1	6	1	2	1	2	<1	<10	<0.5	4	<2	<2	<0.1	80	10
56	GIG-56	5	0.2	<10	0.8	7	20	30	1.0	12	2	238	10	5	78	9	<10	2.0	20	2	40	<0.1	185	180
57	GIG-57	<5	0.2	<10	<0.2	6	8	60	0.5	25	<2	95	29	8	91	1	<10	1.5	20	2	26	<0.1	345	600
58	GIG-58	<5	0.2	<10	<0.2	7	8	94	<0.5	30	<2	99	41	17	90	<1	<10	2.0	32	<2	18	<0.1	585	640
59	GIG-59	<5	<0.2	<10	<0.2	6	4	76	<0.5	25	<2	69	33	10	76	<1	<10	1.5	24	2	32	<0.1	515	480
60	GIG-60	5	0.2	<10	0.4	8	22	508	<0.5	26	<2	133	74	18	100	<1	<10	3.0	36	<2	16	<0.1	715	530
61	GIG-61	<5	0.2	<10	0.2	<1	26	66	<0.5	5	<2	44	13	9	22	<1	<10	2.0	16	2	26	<0.1	505	750
62	GIG-62	<5	<0.2	<10	<0.2	11	26	32	<0.5	7	<2	42	13	6	35	1	<10	1.5	18	2	18	<0.1	470	570
63	GIG-63	<5	0.2	<10	<0.2	24	14	122	0.5	30	<2	142	48	15	102	<1	<10	5.5	80	2	24	<0.1	800	430
64	GIG-64	<5	<0.2	<10	<0.2	4	28	100	0.5	23	<2	123	38	15	86	<1	<10	2.0	48	<2	18	<0.1	695	380
65	GIG-65	25	0.2	<10	1.4	315	34	34	<0.5	21	<2	78	15	5	70	<1	<10	1.5	20	<2	22	<0.1	650	440
66	GIG-66	<5	0.2	<10	<0.2	12	38	114	0.5	32	<2	127	24	12	92	<1	<10	2.0	28	<2	20	<0.1	535	540
67	GIG-67	10	0.2	<10	<0.2	<1	20	52	<0.5	7	<2	45	14	8	23	<1	<10	2.5	28	2	24	<0.1	515	700
68	GIG-68	<5	<0.2	<10	<0.2	1	26	62	<0.5	7	<2	64	19	12	32	<1	<10	2.0	36	<2	22	<0.1	645	910
69	GIG-69	<5	0.2	<10	<0.2	8	16	36	<0.5	6	2	44	14	7	31	<1	<10	1.5	18	2	22	<0.1	490	650
70	GIG-70	<5	<0.2	<10	0.2	2	14	34	<0.5	7	<2	26	8	4	11	<1	<10	3.0	38	2	16	<0.1	385	610
71	GIG-71	<5	<0.2	<10	<0.2	1	20	8	0.5	<1	<2	8	5	<1	6	<1	<10	<0.5	4	<2	2	<0.1	140	20
72	GIG-72	5	0.2	<10	<0.2	<1	10	12	0.5	27	<2	320	12	3	51	4	<10	1.5	12	<2	28	<0.1	155	150
73	GIG-73	<5	0.2	<10	0.2	<1	14	32	2.0	33	<2	399	18	8	80	6	<10	2.0	22	<2	24	<0.1	225	280
74	GIG-74	<5	0.2	<10	<0.2	<1	12	24	<0.5	13	<2	32	12	4	34	1	<10	0.5	8	<2	10	<0.1	145	210
75	GIG-75	<5	0.2	10	0.8	<1	8	40	<0.5	14	2	47	18	6	52	<1	<10	1.5	16	<2	10	<0.1	885	590
76	GIG-76	<5	0.2	<10	0.8	<1	12	108	0.5	27	<2	127	47	18	99	<1	<10	2.5	36	<2	18	<0.1	605	460
77	GIG-77	<5	0.2	<10	0.4	1	14	96	<0.5	129	<2	72	37	11	35	<1	<10	1.5	28	<2	24	0.1	1640	180
78	GIG-78	<5	0.2	<10	0.4	20	16	32	<0.5	26	<2	42	21	6	37	3	<10	1.0	12	<2	14	<0.1	235	330
79	GIG-79	<5	0.2	<10	0.2	<1	26	32	<0.5	10	<2	24	16	5	31	1	<10	0.5	12	<2	8	<0.1	185	160
80	GIG-80	<5	0.2	<10	0.2	9	26	110	0.5	31	<2	80	39	20	63	<1	<10	1.5	20	<2	16	<0.1	635	590

Appendix 2-9(3) Assay Results of the Geochemical Samples

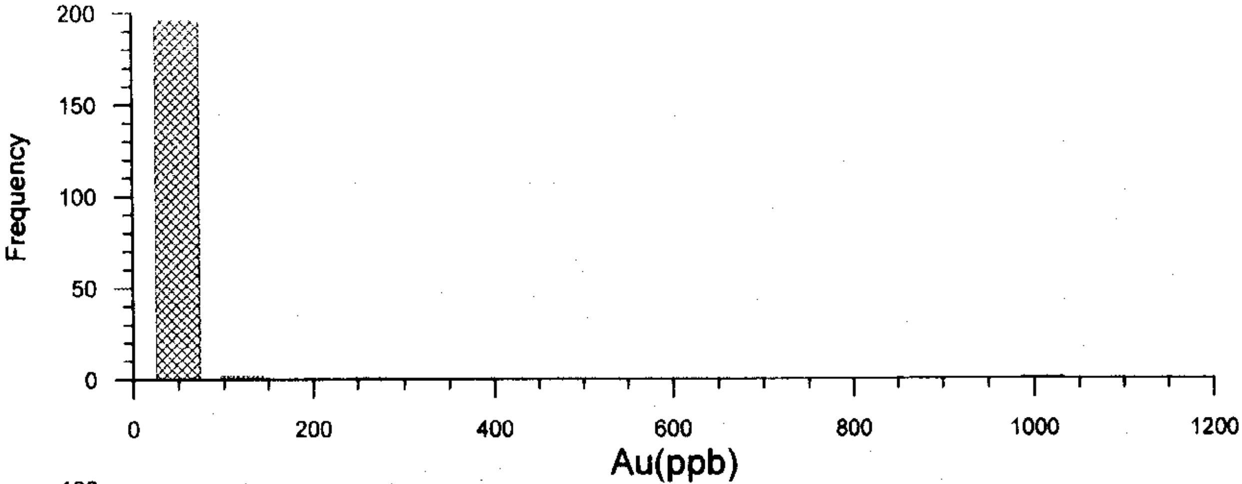
No.	Sample No.	Au(ppb)	Ag(ppm)	Hg(ppm)	Sb(ppm)	As(ppm)	Pb(ppm)	Zn(ppm)	Cd(ppm)	Cu(ppm)	Bi(ppm)	V(ppm)	Ni(ppm)	Co(ppm)	Cr(ppm)	Mo(ppm)	W(ppm)	Be(ppm)	Li(ppm)	Nb(ppm)	Ta(ppm)	Te(ppm)	Mn(ppm)	P(ppm)
	Lower limit→	5ppb	0.2ppm	10ppb	0.2ppm	1ppm	2ppm	2ppm	0.5ppm	1ppm	2ppm	1ppm	1ppm	1ppm	1ppm	1ppm	10ppm	0.5ppm	1ppm	2ppm	2ppm	0.1ppm	5ppm	10ppm
81	GIG-81	<5	<0.2	<10	<0.2	<1	14	90	<0.5	39	<2	89	46	22	81	<1	<10	3.0	40	2	16	<0.1	1190	720
82	GIG-82	<5	0.2	<10	0.2	5	26	82	<0.5	26	<2	88	38	16	75	<1	<10	2.0	28	2	16	<0.1	800	610
83	GIG-83	<5	0.2	<10	<0.2	5	36	60	<0.5	22	<2	26	21	6	23	<1	<10	0.5	6	<2	2	<0.1	535	210
84	GIG-84	<5	0.2	<10	0.4	7	20	36	<0.5	16	<2	27	18	5	23	3	<10	0.5	6	<2	2	<0.1	320	70
85	GIG-85	<5	0.2	10	0.2	3	22	24	<0.5	13	2	21	14	1	19	1	<10	<0.5	4	<2	2	<0.1	1635	140
86	GIG-86	<5	0.2	<10	<0.2	5	38	24	<0.5	4	<2	21	10	3	17	2	<10	0.5	6	<2	2	<0.1	770	190
87	GIG-87	<5	<0.2	<10	0.4	4	28	98	<0.5	30	<2	98	31	15	77	<1	<10	2.0	30	2	20	<0.1	540	630
88	GIG-88	<5	0.2	<10	0.2	11	36	102	<0.5	73	<2	82	52	21	73	<1	<10	2.0	26	2	18	<0.1	3010	570
89	GIG-89	<5	<0.2	<10	0.4	9	28	86	<0.5	25	<2	123	47	23	94	<1	<10	3.0	28	<2	16	<0.1	1035	350
90	GIG-90	<5	0.2	<10	1.0	5	22	48	<0.5	34	<2	31	24	7	31	1	<10	1.0	24	<2	8	<0.1	340	220
91	GIG-91	30	0.8	<10	29.0	87	30	592	4.0	109	<2	670	99	6	50	36	<10	5.0	12	<2	10	<0.1	230	1340
92	GIG-92	<5	0.2	<10	0.8	7	24	66	<0.5	18	<2	71	24	9	54	1	<10	1.5	18	<2	16	<0.1	310	870
93	GIG-93	<5	<0.2	<10	1.4	2	28	58	<0.5	21	<2	59	28	13	55	<1	<10	1.5	20	<2	18	<0.1	530	710
94	GIG-94	20	<0.2	<10	2.0	13	26	104	<0.5	42	<2	157	35	12	111	<1	<10	2.5	40	<2	16	<0.1	615	420
95	GIG-95	5	0.2	<10	0.8	11	24	110	<0.5	56	<2	108	52	23	86	<1	<10	2.5	44	2	16	<0.1	1155	530
96	GIG-96	15	0.2	<10	1.2	20	16	62	<0.5	35	<2	74	28	6	34	4	<10	1.0	14	<2	10	<0.1	315	260
97	GIG-97	10	0.4	<10	0.6	11	26	66	<0.5	20	2	63	36	13	59	<1	<10	1.5	20	<2	16	<0.1	520	570
98	GIG-98	5	0.2	<10	1.2	22	32	90	<0.5	114	<2	118	53	29	67	<1	<10	2.5	30	2	18	<0.1	2150	850
99	GIG-99	<5	0.2	<10	5.8	25	24	194	1.0	42	<2	212	53	20	83	6	<10	3.0	28	<2	18	<0.1	570	640
100	GIG-100	<5	<0.2	<10	1.2	3	26	64	0.5	36	<2	92	35	10	60	<1	<10	1.5	24	<2	16	<0.1	370	570
101	GIG-101	<5	0.2	<10	0.4	9	28	122	<0.5	68	<2	163	53	11	114	<1	<10	2.5	46	<2	16	<0.1	630	700
102	GIG-102	<5	0.2	<10	0.2	8	18	154	<0.5	8	<2	90	37	17	83	<1	<10	2.0	30	<2	14	<0.1	745	200
103	GIG-103	<5	0.2	<10	0.2	3	22	10	<0.5	<1	2	6	5	<1	5	1	<10	<0.5	2	<2	<2	<0.1	60	<10
104	GIG-104	<5	0.2	<10	0.2	6	24	32	1.5	27	12	250	21	5	69	6	<10	2.0	12	2	34	0.1	220	340
105	GIG-105	5	0.2	<10	0.4	<1	32	122	<0.5	42	2	165	34	10	89	<1	<10	2.0	22	<2	18	<0.1	390	510
106	GIG-106	<5	0.2	<10	0.2	3	28	36	<0.5	12	<2	39	19	5	26	5	<10	0.5	8	<2	4	<0.1	270	150
107	GIG-107	<5	<0.2	<10	0.2	1	20	16	<0.5	<1	<2	3	3	<1	3	6	<10	<0.5	2	<2	<2	<0.1	90	<10
108	GIG-108	<5	0.4	<10	0.4	14	20	52	<0.5	8	<2	52	26	11	52	<1	<10	1.0	8	<2	14	<0.1	450	700
109	GIG-109	<5	0.2	<10	0.2	3	22	72	<0.5	22	6	73	38	12	67	1	<10	1.5	16	2	18	<0.1	435	790
110	GIG-110	5	<0.2	<10	<0.2	5	20	44	<0.5	15	<2	48	24	10	50	<1	<10	0.5	10	<2	14	<0.1	355	570
111	GIG-111	15	0.2	<10	1.0	6	20	78	0.5	33	<2	146	30	11	71	1	<10	1.5	32	<2	12	<0.1	355	580
112	GIG-112	<5	0.2	<10	1.2	19	22	128	<0.5	66	<2	53	51	17	33	1	<10	1.0	18	<2	10	0.1	2990	110
113	GIG-113	10	<0.2	<10	0.8	3	26	44	<0.5	14	<2	47	27	10	48	1	<10	1.0	12	<2	14	<0.1	520	700
114	GIG-114	<5	0.2	<10	1.0	6	32	14	<0.5	3	<2	14	10	<1	11	4	<10	<0.5	4	<2	2	<0.1	1610	60
115	GIG-115	<5	0.4	<10	0.6	15	24	118	<0.5	45	<2	167	49	11	120	<1	<10	2.5	40	<2	16	<0.1	650	570
116	GIG-116	<5	0.2	<10	0.6	6	24	16	<0.5	19	<2	21	27	5	26	3	<10	0.5	10	<2	4	<0.1	460	280
117	GIG-117	<5	<0.2	<10	0.6	5	28	60	<0.5	24	<2	56	39	14	65	1	<10	1.5	20	<2	16	<0.1	440	610
118	GIG-118	<5	<0.2	<10	0.4	12	24	84	<0.5	39	6	64	38	15	55	<1	<10	1.0	24	<2	16	<0.1	1210	570
119	GIG-119	<5	0.2	<10	1.0	4	26	52	<0.5	19	6	54	35	11	59	1	<10	1.0	18	<2	14	<0.1	510	660
120	GIG-120	<5	0.2	<10	0.4	5	20	58	<0.5	17	<2	74	33	12	63	1	<10	1.5	16	<2	16	<0.1	560	710

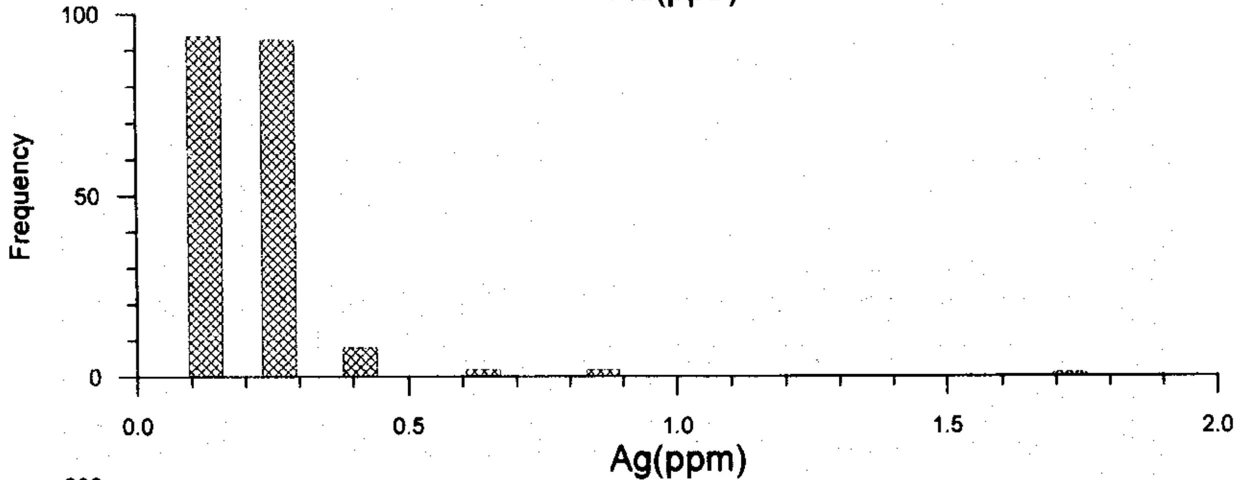
Appendix 2-9(4) Assay Results of the Geochemical Samples

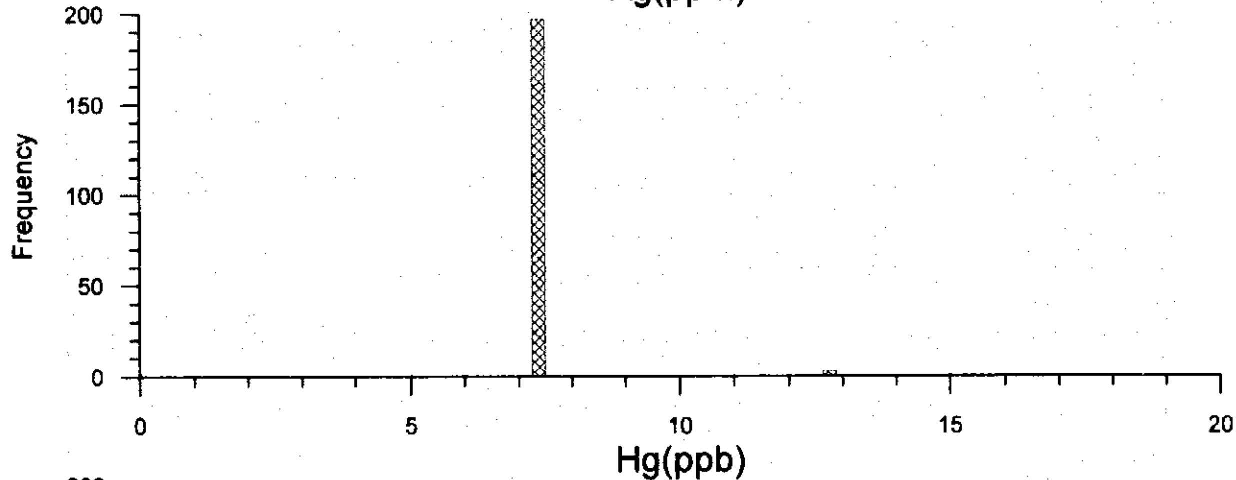
No.	Sample No.	Au(ppb)	Ag(ppm)	Hg(ppm)	Sb(ppm)	As(ppm)	Pb(ppm)	Zn(ppm)	Cd(ppm)	Cu(ppm)	Bi(ppm)	V(ppm)	Ni(ppm)	Co(ppm)	Cr(ppm)	Mo(ppm)	W(ppm)	Be(ppm)	Li(ppm)	Nb(ppm)	Ta(ppm)	Te(ppm)	Mn(ppm)	P(ppm)
	Lower limit→	5ppb	0.2ppm	10ppb	0.2ppm	1ppm	2ppm	2ppm	0.5ppm	1ppm	2ppm	1ppm	1ppm	1ppm	1ppm	1ppm	10ppm	0.5ppm	1ppm	2ppm	2ppm	0.1ppm	5ppm	10ppm
121	GIG-121	<5	0.6	<10	0.2	4	22	80	<0.5	25	<2	73	27	11	64	<1	<10	1.5	16	<2	18	<0.1	485	610
122	GIG-122	15	0.4	<10	4.2	101	26	44	<0.5	20	<2	103	53	16	90	<1	<10	2.0	28	<2	12	<0.1	925	410
123	GIG-123	<5	0.2	<10	0.2	5	22	20	<0.5	<1	<2	14	10	3	20	1	<10	<0.5	4	<2	2	<0.1	140	60
124	GIG-124	<5	0.2	<10	0.2	6	24	78	<0.5	28	<2	72	32	13	67	<1	<10	1.5	14	<2	18	<0.1	540	670
125	GIG-125	30	0.2	<10	0.2	28	24	80	<0.5	14	<2	58	28	12	65	<1	<10	1.5	10	<2	18	<0.1	415	660
126	GIG-126	<5	0.2	<10	0.4	6	20	50	<0.5	12	<2	45	20	9	43	<1	<10	0.5	14	<2	14	<0.1	380	540
127	GIG-127	<5	0.2	<10	0.6	12	24	58	<0.5	17	<2	62	35	13	62	<1	<10	1.5	20	<2	14	<0.1	410	620
128	GIG-128	<5	<0.2	<10	0.8	6	24	50	<0.5	13	2	55	30	13	65	<1	<10	1.0	18	<2	18	<0.1	750	620
129	GIG-129	<5	0.2	<10	1.0	11	28	50	<0.5	13	<2	52	28	11	55	1	<10	1.0	18	<2	14	<0.1	605	570
130	GIG-130	30	0.2	<10	0.4	12	24	88	<0.5	14	2	59	32	12	72	<1	<10	1.0	16	<2	20	<0.1	415	720
131	GIG-131	<5	<0.2	<10	1.6	10	36	66	<0.5	18	<2	62	31	14	60	<1	<10	1.5	22	<2	16	<0.1	540	680
132	GIG-132	<5	<0.2	<10	0.2	16	18	64	<0.5	15	<2	58	28	12	54	<1	<10	1.0	14	<2	16	<0.1	365	540
133	GIG-133	<5	<0.2	<10	<0.2	10	18	54	<0.5	13	<2	53	28	11	56	<1	<10	1.0	10	<2	18	0.1	420	690
134	GIG-134	<5	<0.2	<10	0.2	5	26	118	0.5	33	<2	158	43	13	84	<1	<10	1.5	20	<2	16	<0.1	295	520
135	GIG-135	<5	<0.2	<10	0.2	<1	16	48	<0.5	14	<2	55	23	9	52	1	<10	1.0	12	<2	18	<0.1	385	530
136	GIG-136	5	<0.2	<10	0.6	12	20	66	<0.5	19	<2	62	29	14	59	<1	<10	1.0	12	<2	16	<0.1	315	660
137	GIG-137	<5	<0.2	<10	0.8	8	18	52	<0.5	19	2	52	28	11	56	<1	<10	0.5	16	<2	16	<0.1	450	630
138	GIG-138	<5	<0.2	<10	1.4	11	18	60	<0.5	20	<2	57	31	13	54	<1	<10	1.5	20	<2	18	<0.1	465	770
139	GIG-139	<5	<0.2	<10	1.0	18	22	60	<0.5	20	<2	59	31	13	57	<1	<10	1.5	18	<2	16	<0.1	540	630
140	GIG-140	<5	<0.2	<10	0.4	6	24	58	<0.5	15	<2	60	30	12	57	<1	<10	1.0	20	<2	18	<0.1	425	660
141	GIG-141	<5	<0.2	<10	0.4	6	20	62	<0.5	23	<2	60	32	13	62	<1	<10	1.5	14	<2	16	<0.1	465	680
142	GIG-142	5	<0.2	<10	0.2	4	22	88	<0.5	37	2	90	38	15	78	<1	<10	2.0	12	<2	18	<0.1	470	650
143	GIG-143	<5	<0.2	<10	0.2	3	24	100	<0.5	57	<2	100	45	19	97	<1	<10	2.5	24	<2	16	<0.1	785	490
144	GIG-144	15	<0.2	<10	0.2	23	12	62	<0.5	25	<2	97	30	9	54	1	<10	1.0	10	<2	12	<0.1	400	530
145	GIG-145	<5	<0.2	<10	<0.2	17	20	94	0.5	9	2	63	36	12	87	<1	<10	1.5	16	2	18	<0.1	570	840
146	GIG-146	<5	<0.2	<10	0.6	5	20	68	<0.5	24	4	65	34	14	64	<1	<10	1.5	22	<2	16	<0.1	495	710
147	GIG-147	<5	<0.2	<10	0.6	13	22	62	<0.5	25	<2	67	34	11	60	<1	<10	1.0	18	<2	18	<0.1	545	660
148	GIG-148	<5	<0.2	<10	0.4	1	24	134	0.5	37	<2	125	34	22	84	<1	<10	2.0	22	<2	18	<0.1	440	390
149	GIG-149	<5	<0.2	<10	0.6	3	20	2650	<0.5	33	<2	56	24	10	50	<1	<10	1.0	10	<2	16	<0.1	385	540
150	GIG-150	<5	<0.2	<10	0.6	5	22	84	0.5	22	<2	78	32	14	73	<1	<10	1.5	10	<2	18	<0.1	415	730
151	GIG-151	<5	<0.2	<10	1.2	7	20	74	<0.5	42	<2	52	33	11	55	<1	<10	1.0	10	<2	14	<0.1	500	670
152	GIG-152	<5	<0.2	<10	0.6	7	22	82	<0.5	30	<2	60	36	13	61	1	<10	1.5	14	<2	16	<0.1	445	870
153	GIG-153	<5	<0.2	<10	1.0	10	24	52	<0.5	26	4	55	28	11	56	<1	<10	1.0	16	<2	14	<0.1	395	580
154	GIG-154	<5	<0.2	<10	1.0	15	36	120	<0.5	16	<2	61	34	11	90	<1	<10	1.5	16	<2	18	<0.1	605	850
155	GIG-155	<5	<0.2	<10	0.8	6	28	58	<0.5	40	8	49	36	11	54	1	<10	1.0	18	<2	14	<0.1	475	610
156	GIG-156	<5	<0.2	<10	0.4	7	14	64	<0.5	26	8	57	33	13	56	<1	<10	1.0	18	<2	16	<0.1	525	740
157	GIG-157	<5	<0.2	<10	0.4	8	24	62	<0.5	23	<2	55	30	11	51	1	<10	1.0	16	<2	14	<0.1	430	600
158	GIG-158	20	<0.2	<10	0.4	7	28	82	<0.5	41	<2	102	49	20	93	<1	<10	2.5	34	<2	12	<0.1	850	430
159	GIG-159	<5	<0.2	<10	0.6	5	34	46	0.5	16	<2	38	20	4	30	5	<10	0.5	6	<2	4	0.1	700	310
160	GIG-160	<5	<0.2	<10	0.2	5	18	14	<0.5	<1	<2	14	10	1	15	<1	<10	<0.5	4	<2	2	<0.1	125	<10

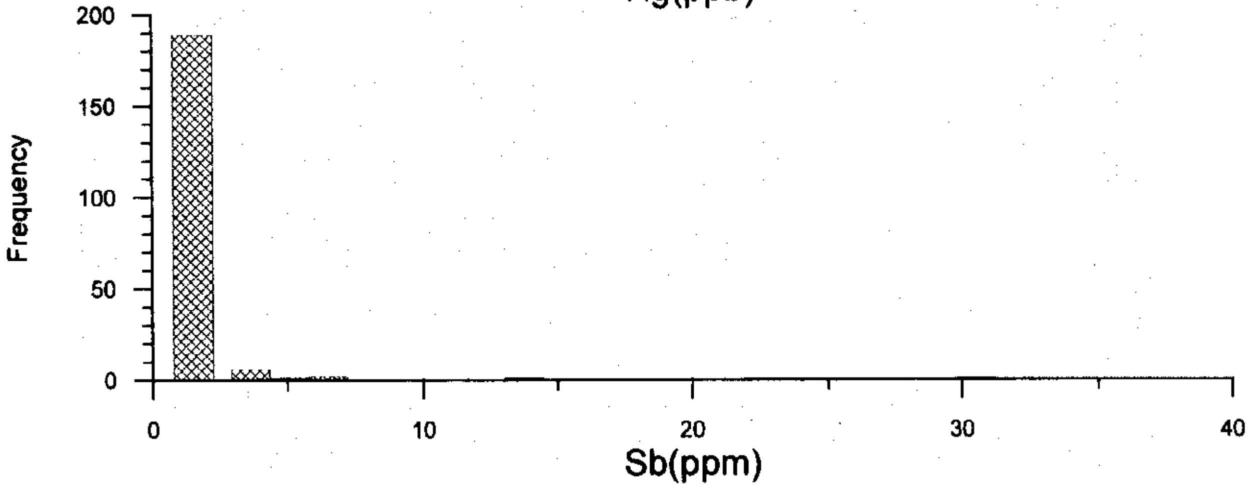
Appendix 2-9(5) Assay Results of the Geochemical Samples

No.	Sample No. Lower limit→	Au(ppb) 5ppb	Ag(ppm) 0.2ppm	Hg(ppm) 10ppb	Sb(ppm) 0.2ppm	As(ppm) 1ppm	Pb(ppm) 2ppm	Zn(ppm) 2ppm	Cd(ppm) 0.5ppm	Cu(ppm) 1ppm	Bi(ppm) 2ppm	V(ppm) 1ppm	Ni(ppm) 1ppm	Co(ppm) 1ppm	Cr(ppm) 1ppm	Mo(ppm) 1ppm	W(ppm) 10ppm	Be(ppm) 0.5ppm	Li(ppm) 1ppm	Nb(ppm) 2ppm	Ta(ppm) 2ppm	Te(ppm) 0.1ppm	Mn(ppm) 5ppm	P(ppm) 10ppm
161	GIG-161	<5	<0.2	<10	0.4	36	22	76	<0.5	24	<2	98	32	11	65	<1	<10	1.5	10	<2	18	<0.1	535	890
162	GIG-162	<5	<0.2	<10	1.0	13	20	100	<0.5	30	<2	60	32	11	56	1	<10	1.0	8	<2	16	<0.1	530	600
163	GIG-163	10	<0.2	<10	1.0	20	22	78	<0.5	20	10	66	35	12	63	1	<10	1.5	10	<2	18	<0.1	590	680
164	GIG-164	<5	<0.2	<10	0.6	21	20	60	<0.5	24	<2	58	32	13	61	<1	<10	1.0	8	<2	18	<0.1	500	660
165	GIG-165	<5	<0.2	<10	0.2	1	22	54	<0.5	15	4	55	26	12	54	<1	<10	1.0	8	<2	18	<0.1	435	700
166	GIG-166	<5	<0.2	<10	0.4	1	14	48	<0.5	29	<2	57	30	9	60	1	<10	1.0	12	<2	16	<0.1	485	630
167	GIG-167	<5	<0.2	<10	1.0	21	22	100	0.5	32	<2	73	30	7	59	2	<10	0.5	12	<2	10	<0.1	320	910
168	GIG-168	<5	<0.2	<10	0.4	7	18	56	<0.5	49	<2	391	27	4	47	3	<10	0.5	8	<2	10	<0.1	210	1180
169	GIG-169	<5	<0.2	<10	0.4	3	22	80	0.5	26	<2	93	32	9	56	<1	<10	1.5	12	<2	12	<0.1	395	520
170	GIG-170	15	<0.2	<10	0.2	32	22	54	<0.5	16	4	96	25	11	61	<1	<10	1.0	8	<2	18	<0.1	330	760
171	GIG-171	<5	<0.2	<10	0.4	7	20	64	<0.5	18	<2	58	28	13	65	<1	<10	1.0	18	<2	16	<0.1	415	710
172	GIG-172	250	<0.2	<10	1.0	143	28	328	4.5	25	2	80	75	21	61	2	<10	2.0	20	<2	12	<0.1	580	650
173	GIG-173	10	<0.2	<10	1.0	51	18	70	0.5	42	<2	43	30	7	28	2	<10	0.5	12	<2	8	<0.1	645	350
174	GIG-174	<5	<0.2	<10	1.0	9	24	72	<0.5	15	<2	60	29	13	51	<1	<10	1.0	18	<2	18	<0.1	575	600
175	GIG-175	5	<0.2	<10	2.0	20	30	52	<0.5	16	<2	59	26	12	60	<1	<10	1.5	16	<2	16	<0.1	490	690
176	GIG-176	<5	<0.2	<10	1.2	9	28	66	<0.5	14	2	62	30	13	57	<1	<10	1.5	22	<2	16	<0.1	455	680
177	GIG-177	<5	<0.2	<10	0.6	25	20	696	<0.5	15	<2	60	23	10	54	<1	<10	1.0	10	<2	18	<0.1	305	660
178	GIG-178	<5	<0.2	<10	0.2	5	18	54	<0.5	13	6	56	27	11	59	<1	<10	1.0	18	<2	16	<0.1	410	800
179	GIG-179	<5	<0.2	<10	0.8	10	18	54	<0.5	20	6	74	28	12	59	<1	<10	1.5	18	<2	16	<0.1	550	570
180	GIG-180	<5	<0.2	<10	1.8	12	22	68	<0.5	16	<2	61	30	14	54	<1	<10	1.5	18	<2	18	<0.1	335	660
181	GIG-181	<5	<0.2	<10	0.4	16	20	68	<0.5	16	2	56	27	12	53	<1	<10	1.0	14	<2	14	<0.1	435	580
182	GIG-182	<5	<0.2	<10	0.4	7	18	62	<0.5	15	6	61	25	13	53	<1	<10	1.0	14	<2	18	<0.1	350	650
183	GIG-183	<5	<0.2	<10	<0.2	18	14	54	<0.5	6	6	73	38	15	62	<1	<10	1.0	12	<2	18	<0.1	395	760
184	GIG-184	<5	<0.2	<10	0.2	<1	28	118	<0.5	51	<2	133	59	25	92	1	<10	1.5	28	<2	12	<0.1	550	530
185	GIG-185	10	0.2	<10	0.4	4	26	52	0.5	41	<2	202	31	12	94	10	<10	1.0	18	<2	18	<0.1	290	600
186	GIG-186	<5	<0.2	<10	1.2	8	18	60	<0.5	18	<2	69	30	11	54	1	<10	1.0	20	<2	16	<0.1	375	530
187	GIG-187	<5	<0.2	<10	0.4	3	14	86	<0.5	18	<2	70	33	14	60	<1	<10	1.5	18	<2	14	<0.1	410	610
188	GIG-188	<5	<0.2	<10	0.4	3	16	56	<0.5	10	<2	60	29	13	59	<1	<10	1.5	16	<2	18	<0.1	625	700
189	GIG-189	10	0.4	<10	0.6	<1	14	100	<0.5	33	<2	83	35	9	61	4	<10	0.5	16	<2	16	<0.1	365	460
190	GIG-190	<5	<0.2	<10	0.2	1	22	480	<0.5	6	<2	68	20	9	40	<1	<10	1.5	18	<2	12	<0.1	510	590
191	GIG-191	20	1.6	<10	1.8	36	22	238	0.5	14	<2	556	14	2	83	14	<10	0.5	22	<2	14	<0.1	160	140
192	GIG-192	85	<0.2	<10	1.2	118	20	202	<0.5	8	<2	104	29	11	97	<1	<10	2.5	46	<2	14	<0.1	670	230
193	GIG-193	<5	<0.2	<10	0.2	28	14	42	<0.5	15	<2	27	14	6	22	<1	<10	6.5	36	14	48	<0.1	710	870
194	GIG-194	<5	<0.2	<10	0.4	41	20	84	0.5	37	<2	131	44	13	86	<1	<10	2.5	52	2	32	0.1	385	520
195	GIG-195	5	<0.2	<10	12.5	1560	12	26	<0.5	19	<2	62	15	7	62	1	<10	1.5	12	<2	18	<0.1	280	680
196	GIG-196	<5	<0.2	<10	0.4	104	52	100	<0.5	35	<2	121	43	19	102	<1	<10	3.5	52	<2	14	<0.1	1060	390
197	GIG-197	<5	<0.2	<10	0.4	13	18	106	<0.5	20	<2	110	46	16	88	<1	<10	2.5	30	2	18	<0.1	580	590
198	GIG-198	960	<0.2	<10	1.0	31	22	96	0.5	65	<2	81	30	14	31	1	<10	1.0	24	<2	10	<0.1	2380	140
199	GIG-199	10	<0.2	<10	0.8	5	20	90	<0.5	14	<2	50	28	11	46	<1	<10	1.0	22	<2	16	<0.1	465	580
200	GIG-200	<5	<0.2	<10	0.2	12	21	76	<0.5	24	8	74	42	16	64	1	<10	1.5	16	<2	16	<0.1	555	640

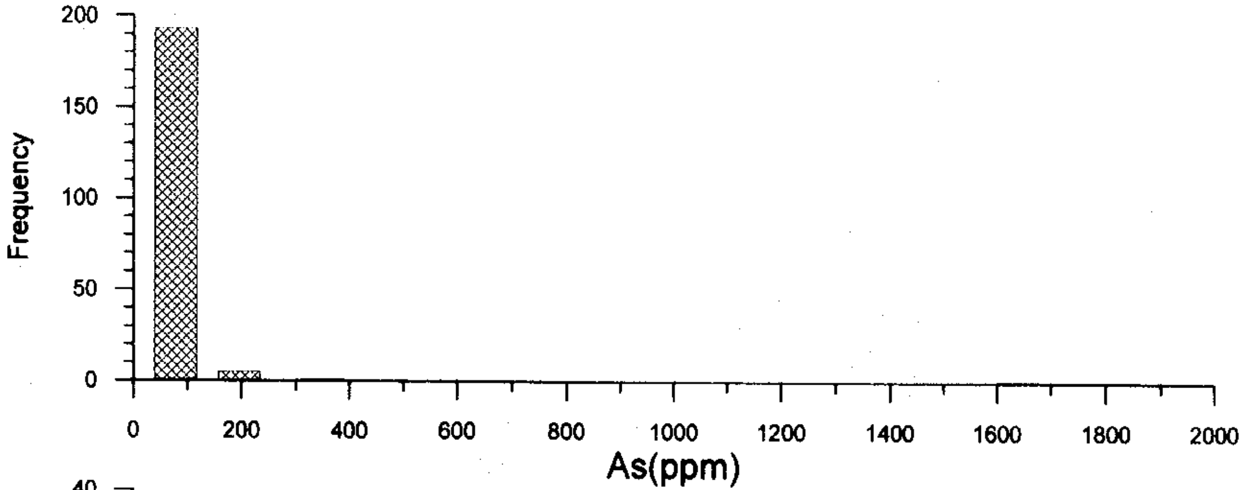


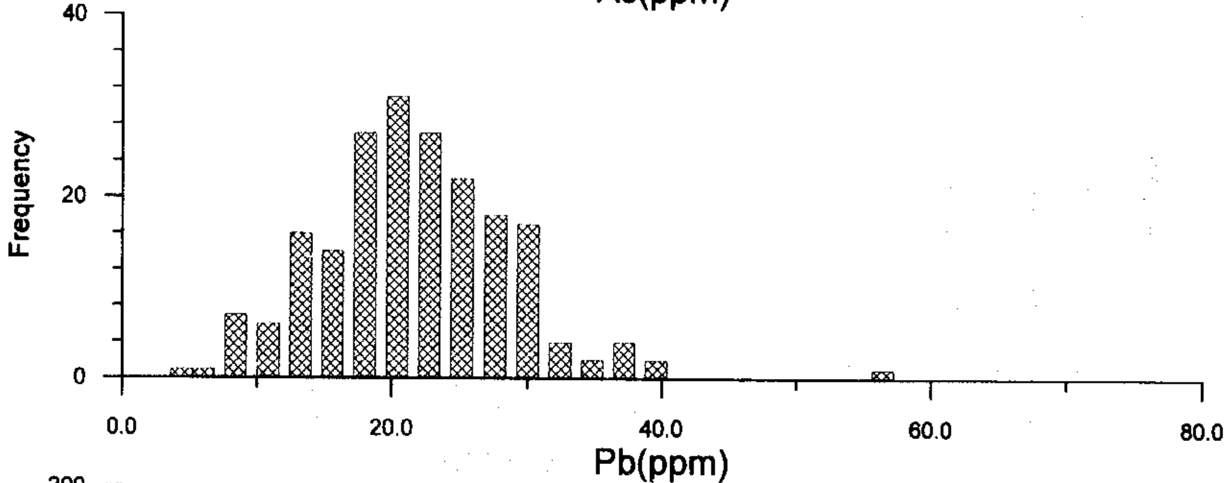


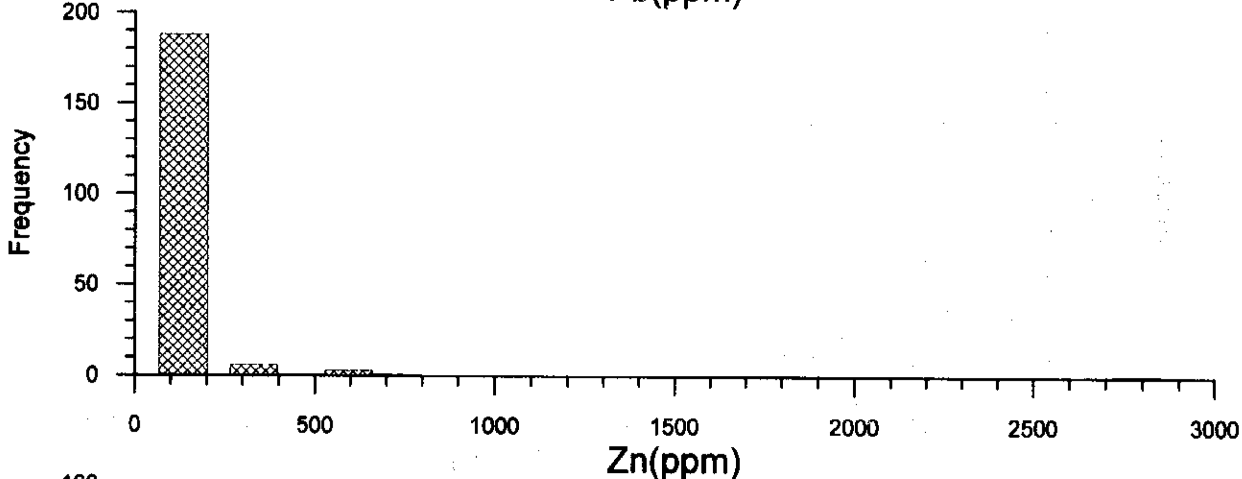


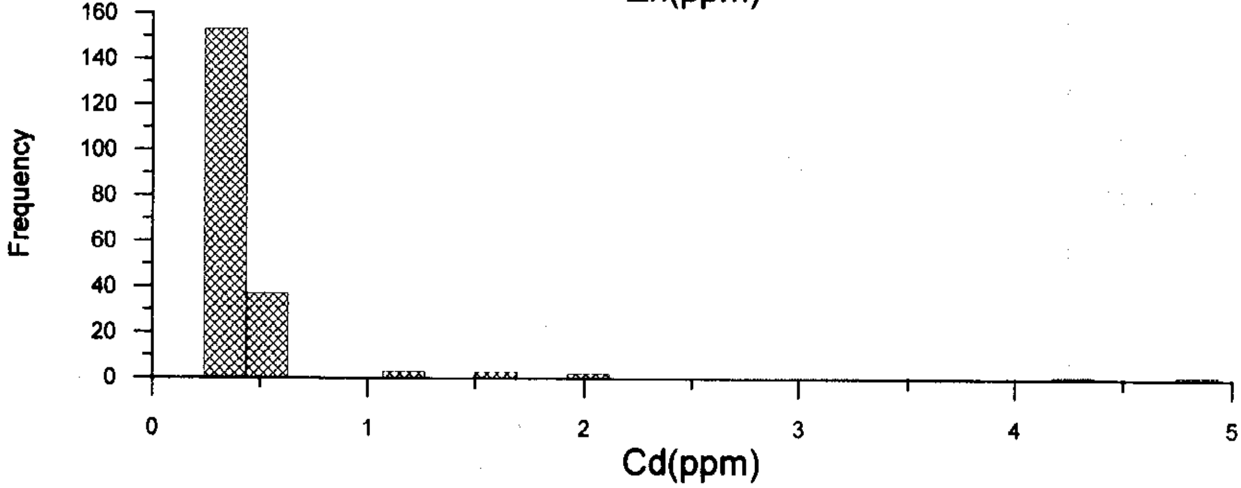


Appendix 2-9(6) Assay Results of Geochemical Samples

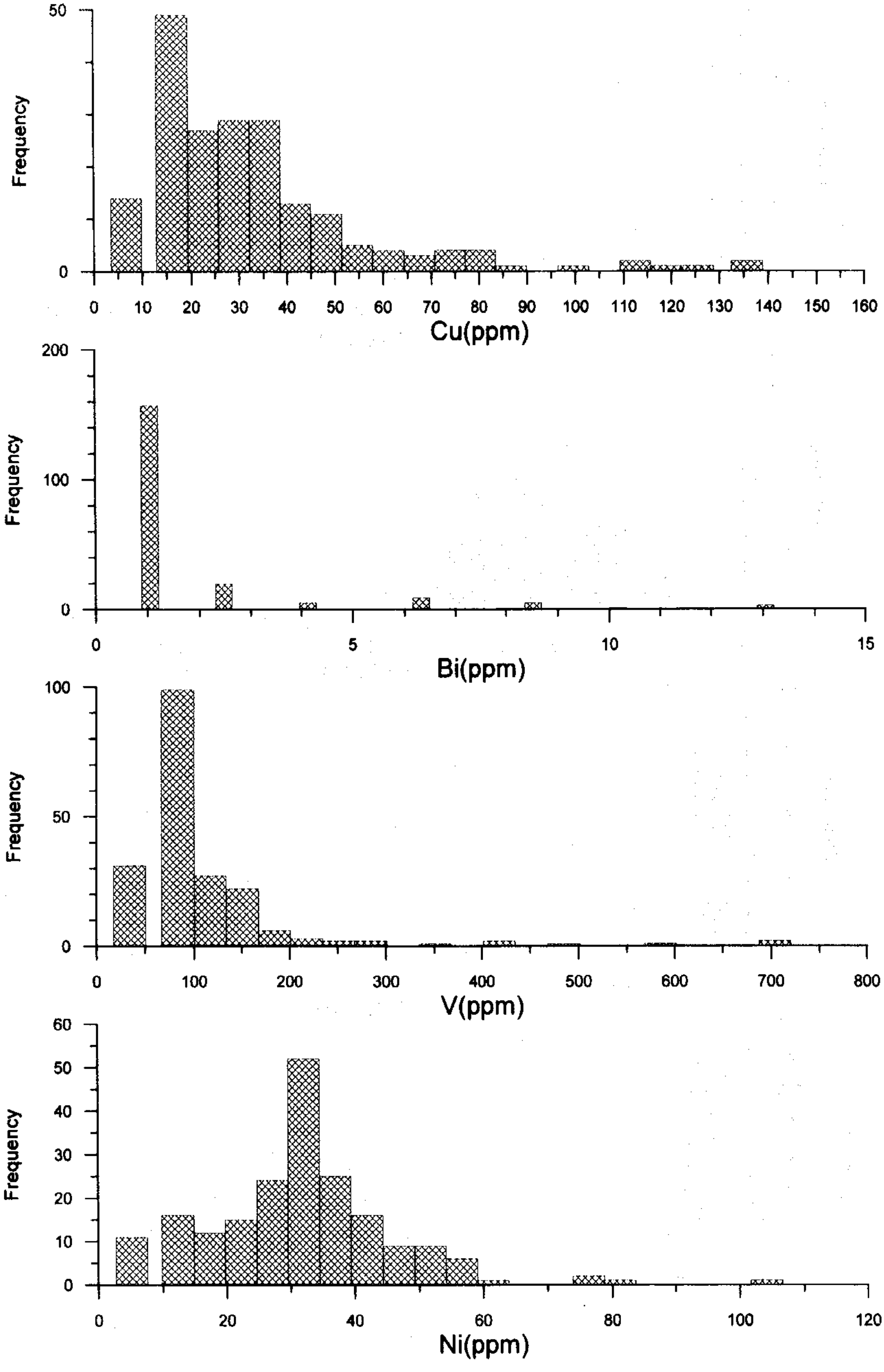




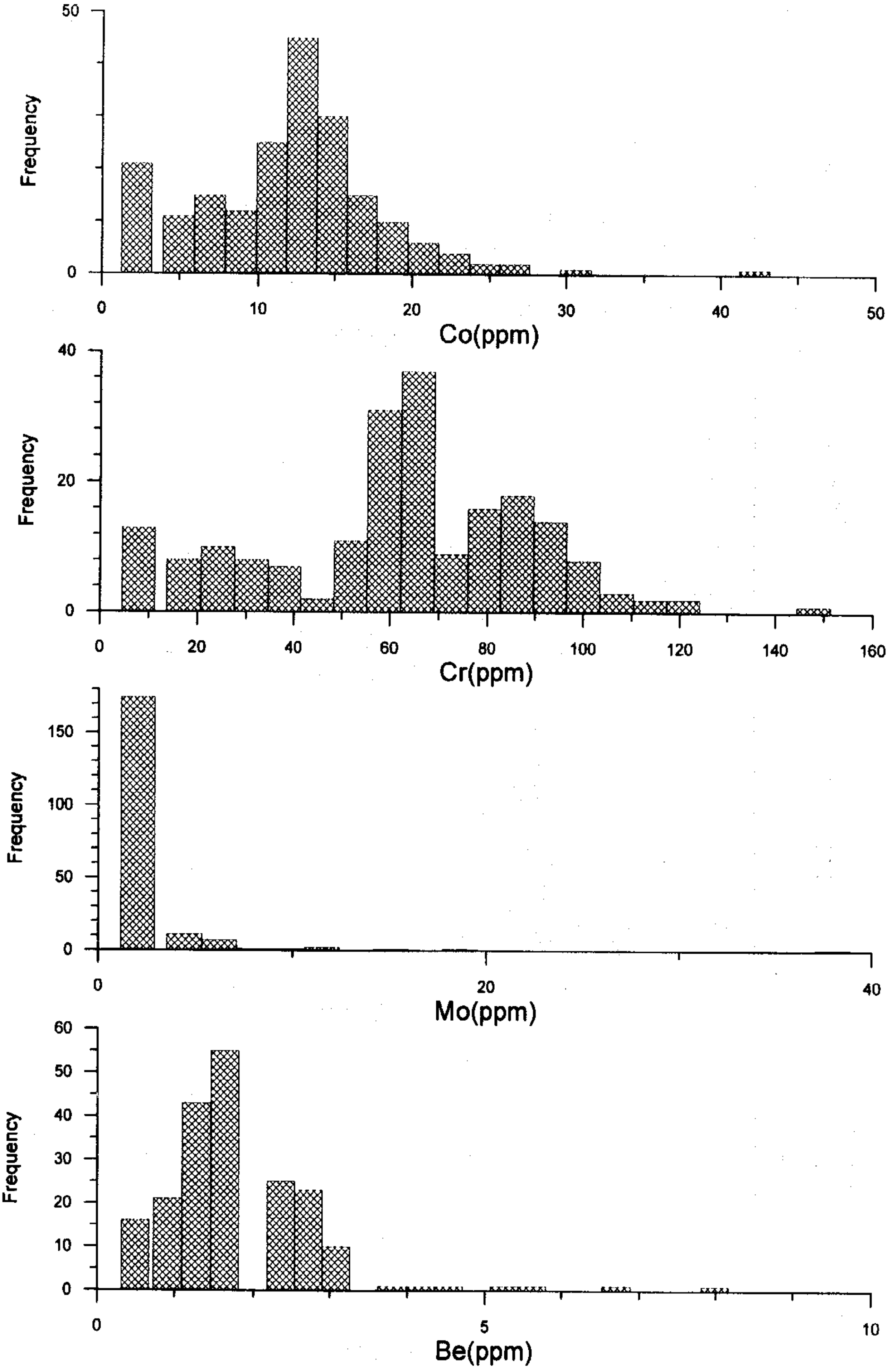




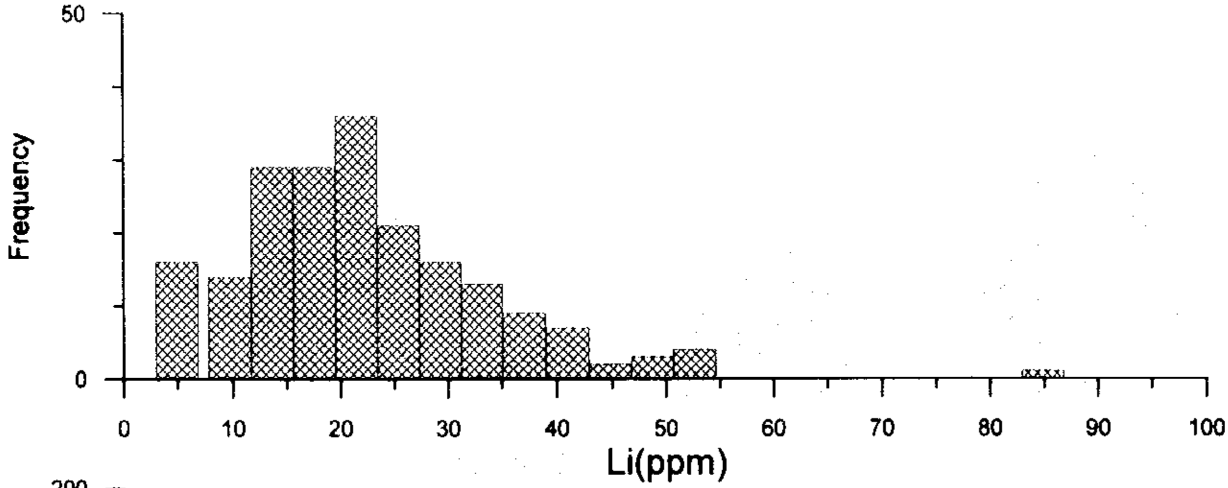
Appendix 2-9(7) Assay Results of Geochemical Samples

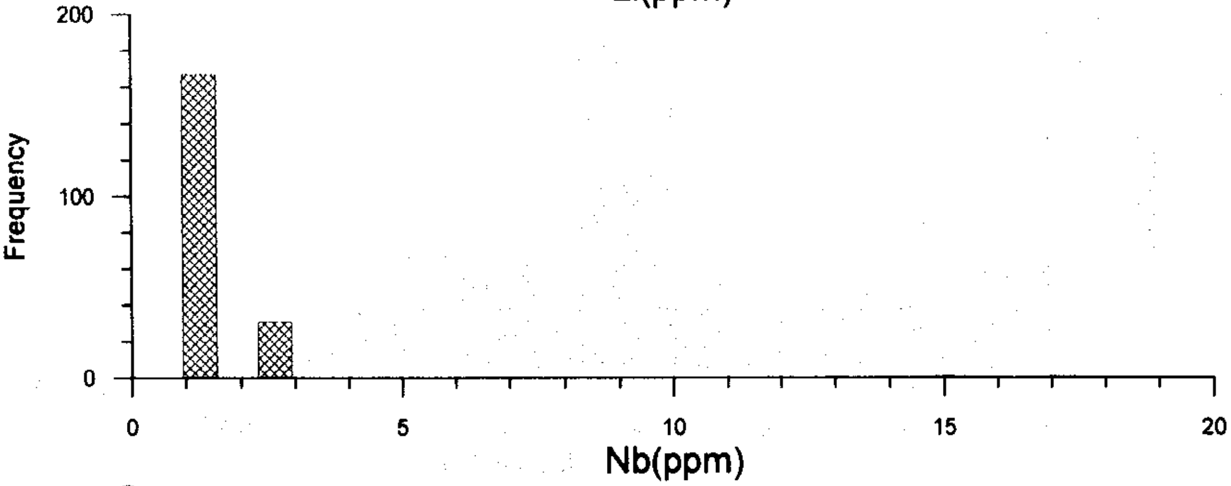


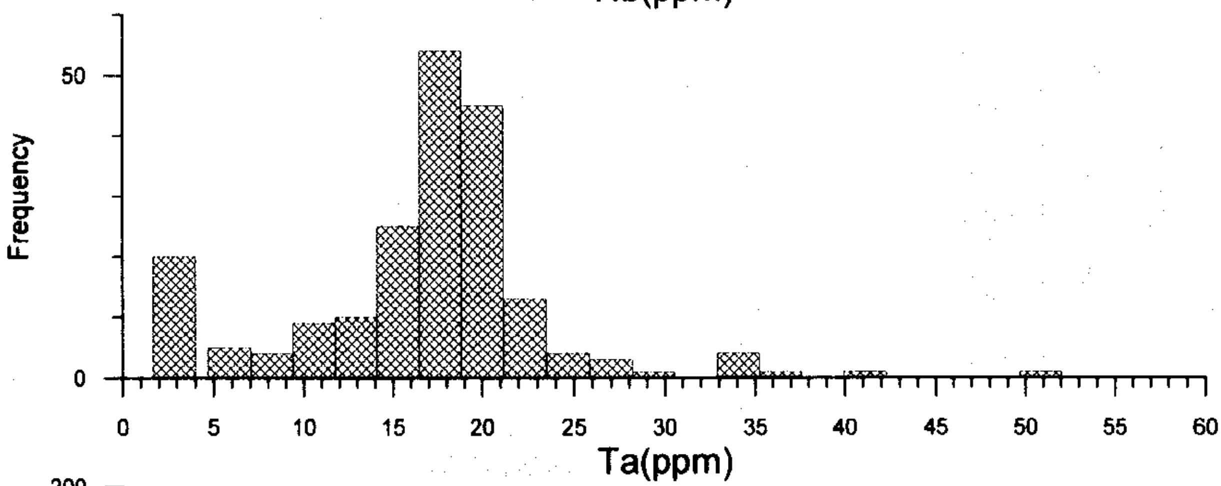
Appendix 2-9(8) Assay Results of Geochemical Samples

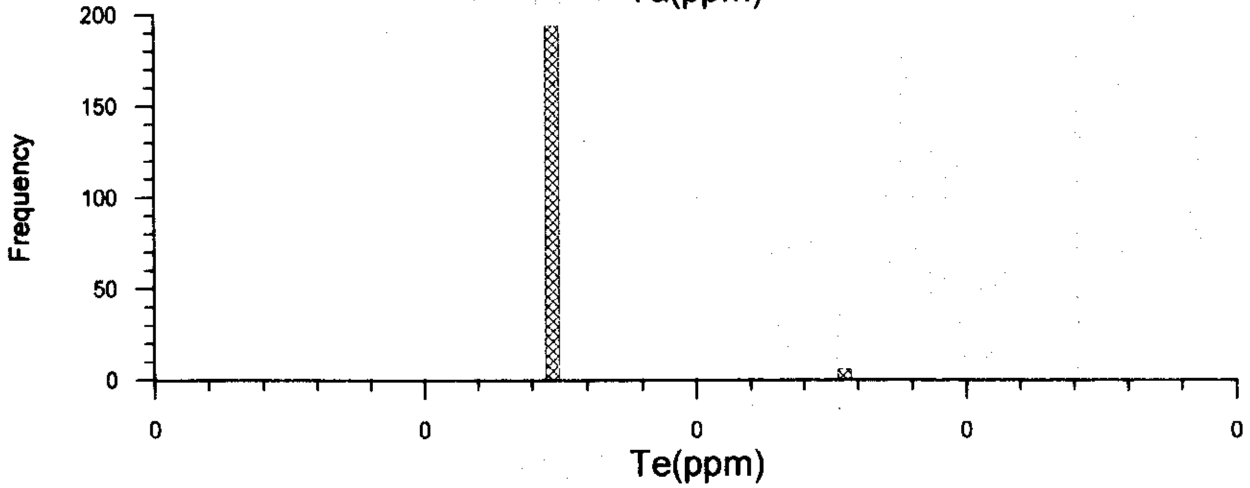


Appendix 2-9(9) Assay Results of Geochemical Samples

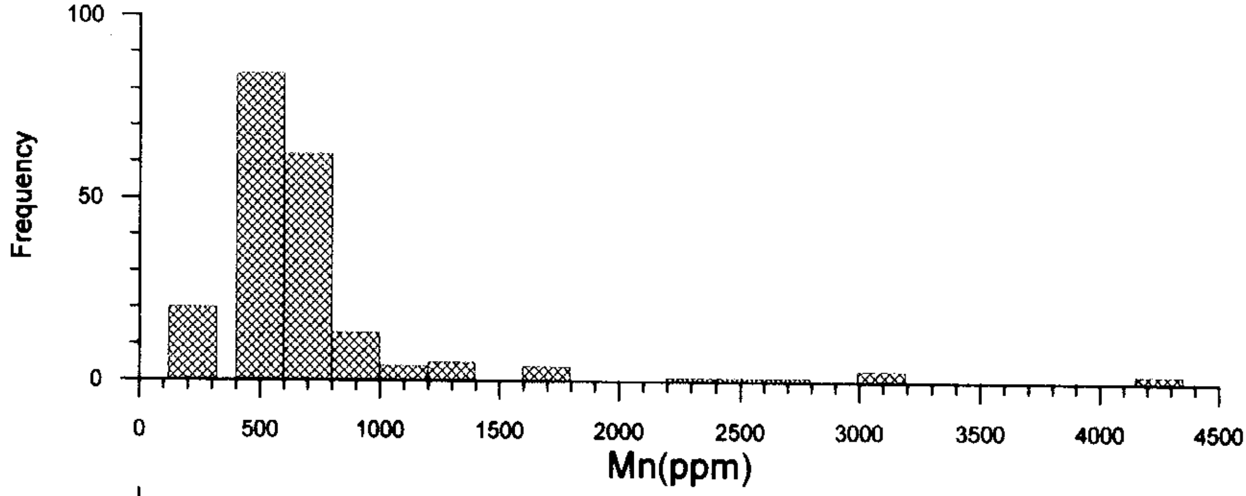


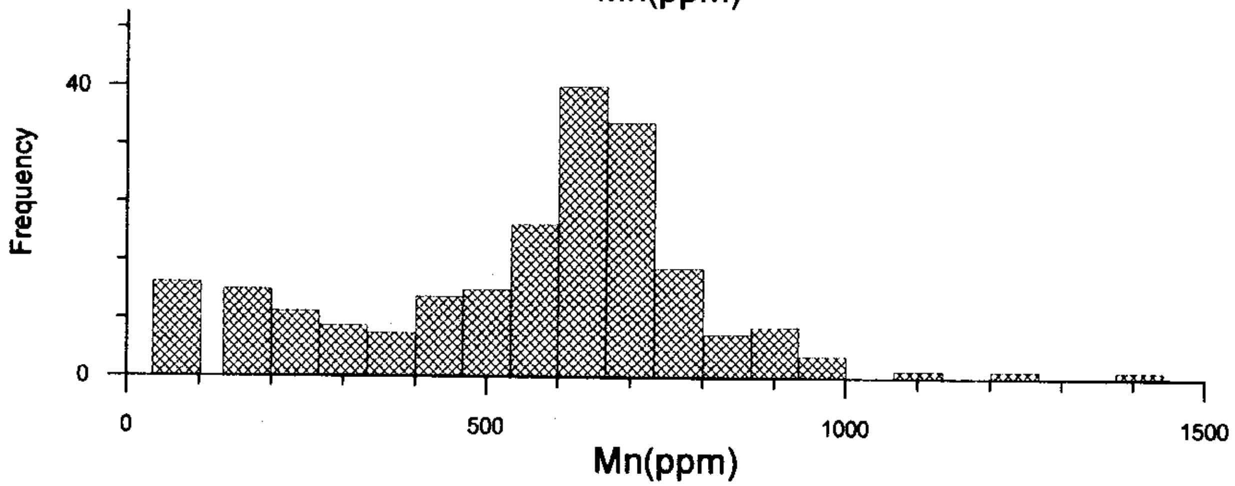






Appendix 2-9(10) Assay Results of Geochemical Samples





Appendix 2-9(11) Assay Results of Geochemical Samples

Appendix 3. Miscellaneous Data for the Drilling Survey

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

(MJSN-11,14)

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-41	1	Capacity φ 76mm:300m φ 59mm:500m Inner diameter of spindle:60mm
Motor for drill	4AM-180	1	22kw, rpm/1,500 ps
Pump	NB-4	1	Piston φ 50mm, Capacity 40/160 liter/min Pressure 4 kg/min
Motor for pump	4AM-132	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	GKL-2M	1	
Derrick	UKB-500	1	Maximum load 15T
Rod holder	TD	1	
Drill rods	SSK-59 φ 50mm φ 42mm	70 5 5	4.50 m/pc 4.00 m/pc 4.00 m/pc
Casing pipes	φ 108mm φ 89mm φ 73mm	4 5 12	3.00 m/pc 3.00 m/pc 4.00 m/pc
Core tube assembly	SSK-59 SSK-59 φ 108mm φ 93mm φ 76mm OKS-73	6 6 1 1 1 1	3.00 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 Equipments for Drilling

(MJSN-12,13)

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-41	1	Capacity φ 76mm:300m φ 59mm:500m Inner diameter of spindle:60mm
Motor for drill	4AM-180	1	22kw, rpm/1,500 ps
Pump	NB-4	1	Piston φ 50mm, Capacity 40/120 liter/min Pressure 4 kg/min
Motor for pump	4AM-132	1	7.5kw, rpm/1,500 ps
Wire line hoist	LB-5	1	
Motor for hoist		1	4kw
Generator	—	—	Power line
Engine for generator	—	—	
Mud mixer	GKL-2M	1	
Derrick	UKB-200	1	Maximum load 15T
Rod holder	TD	1	
Drill rods	SSK-59 φ 50mm φ 42mm	60 5 5	4.50 m/pc 4.00 m/pc 4.00 m/pc
Casing pipes	φ 108mm φ 89mm φ 73mm	4 5 13	3.00 m/pc 3.00 m/pc 4.00 m/pc
Core tube assembly	SSK-59 SSK-59 φ 108mm φ 93mm φ 76mm OKS-73	6 8 1 1 1 1	3.00 m/pc 2.50 m/pc 1.00 m/pc 1.00 m/pc 1.00 m/pc 1.00 m/pc (Ejector)

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

(MJML-1)

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-41	1	Capacity ϕ 76mm:300m ϕ 59mm:500m Inner diameter of spindle:63mm
Motor for drill	4AM-180	1	22kw, rpm/1,500 ps
Pump	NB-4	1	Piston ϕ 60mm, Capacity 40/160 liter/min Pressure 4 kg/min
Motor for pump	4AM-132	1	7 kw, rpm/1,500 ps
Wire line hoist	—	—	
Motor for hoist	—	—	
Generator	DES-60P	1	60kvA
Engine for generator	AM-01E	1	Diesel engine : 60kwh, rpm/1,500 ps
Mud mixer	TD	1	
Derrick	MPGY-3	1	Maximum load 20T
Rod holder	PT-1200	1	
Drill rods	SSK-59 ϕ 50mm ϕ 42mm	— 60 25	4.50 m/pc 4.00 m/pc 4.00 m/pc
Casing pipes	ϕ 108mm ϕ 89mm ϕ 73mm	5 15 3	3.00 m/pc 3.00 m/pc 4.00 m/pc
Core tube assembly	SSK-59 SSK-59 ϕ 108mm ϕ 93mm ϕ 76mm OKS-73	— — — 1 4 2	3.00 m/pc 2.50 m/pc 3.00 m/pc 3.00 m/pc 3.00 m/pc 1.00 m/pc (Ejector)

Appendix 3-1(4) List of the Used Equipments for Drilling

(MJML-2)

Item	Model	Quantity	Capacity, type and specification
Drilling machine	SKB-41	1	Capacity ϕ 76mm:300m ϕ 59mm:500m Inner diameter of spindle:63mm
Motor for drill	4AM-180	1	22kw, rpm/1,500 ps
Pump	NB-4	1	Piston ϕ 60mm, Capacity 40/160 liter/min Pressure 4 kg/min
Motor for pump	4AM-132	1	7 kw, rpm/1,500 ps
Wire line hoist	—	—	
Motor for hoist	—	—	
Generator	DES-60P	1	60kvA
Engine for generator	AM-01E	1	Diesel engine : 60kwh, rpm/1,500 ps
Mud mixer	TD	1	
Derrick	MPGY-3	1	Maximum load 20T
Rod holder	PT-1200	1	
Drill rods	SSK-59 ϕ 50mm ϕ 42mm	— 55 20	4.50 m/pc 4.00 m/pc 4.00 m/pc
Casing pipes	ϕ 108mm ϕ 89mm ϕ 73mm	5 10 3	3.00 m/pc 3.00 m/pc 4.00 m/pc
Core tube assembly	SSK-59 SSK-59 ϕ 108mm ϕ 93mm ϕ 76mm OKS-73	— — — 1 4 2	3.00 m/pc 2.50 m/pc 3.00 m/pc 3.00 m/pc 3.00 m/pc 1.00 m/pc (Ejector)

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

(MJSN-11)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug. 9, '98 ~ Aug.24, '98	15.5	6.5	9.0	24
Drilling	Aug.24, '98 ~ Oct.10, '98	46.7	45.7	1.0	228
Dismount	Oct.10, '98 ~ Oct.10, '98	0.8	0.8	0.0	5
Total	Aug. 9, '98 ~ Oct.10, '98	63.0	53.0	10.0	257

Drilling length

Programmed length	280.00 m	Overburden	11.80 m
Prolongation	0.10 m	Core length	229.00 m
Effective length	280.10 m	Core recovery	81.8 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	384.0H	30.3 %	0-103.9	80.8	80.8
Out drilling	518.0H	40.8 %	103.9-206.9	82.1	81.4
Regain of accident	190.0H	15.0 %	206.9-280.1	82.7	81.8
Preparation	25.0H	2.0 %			
Dismount/Mobilization	44.0H	3.4 %			
Others	108.0H	8.5 %	Efficiency		
			Effective length/Total days 4.45 m/d		
Total	1,269.0H	100 %	Effective length/Working days 5.29 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	15.0 m	265.1 m					280.1 m
Core length	9.3 m	219.7 m					229.0 m

Inserted casing pipes

Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
73 m/m	15.00 m	5.4 %	100 %
m/m	m	%	%

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

(MJSN-12)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 27, '98 ~ Aug. 5, '98	9.5	3.4	6.1	31
Drilling	Aug. 9, '98 ~Sept.25, '98	51.0	50.0	1.0	244
Dismount	Sept.25, '98 ~Sept.25, '98	0.5	0.5	0.0	5
Total	July 27, '98 ~Sept.25, '98	61.0	53.9	7.1	280

Drilling length

Programmed length	220.00 m	Overburden	1.50 m
Prolongation	0.00 m	Core length	178.50 m
Effective length	220.00 m	Core recovery	81.1 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	319.0H	24.4 %	0-109.1	80.8	80.8
Out drilling	546.0H	41.8 %	109.1-204.4	81.6	81.2
Regain of accident	347.0H	26.6 %	204.4-220.0	80.8	81.1
Preparation	27.0H	2.1 %			
Dismount/Mobilization	30.0H	2.3 %			
Others	36.0H	2.8 %	Efficiency		
			Effective length/Total days 3.61 m/d		
Total	1,305.0H	100 %	Effective length/Working days 4.05 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	5.0 m	215.0 m					220.0 m
Core length	3.3 m	175.2 m					178.5 m

Inserted casing pipes

Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
73 m/m	5.00 m	2.3 %	100 %
m/m	m	%	%

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

(MJSN-13)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Sept.20, '98 ~ Sept.27, '98	7.5	3.9	3.6	19
Drilling	Sept.27, '98 ~ Oct.11, '98	13.7	13.7	0.0	66
Dismount	Oct.11, '98 ~ Oct.11, '98	0.8	0.8	0.0	5
Total	Sept.20, '98 ~ Oct.11, '98	22.0	18.4	3.6	90

Drilling length			
Programmed length	120.00 m	Overburden	5.80 m
Prolongation	8.00 m	Core length	105.10 m
Effective length	128.00 m	Core recovery	82.1 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	147.0H	33.6 %	0-104.6	80.8	80.8
Out drilling	79.0H	18.0 %	104.6-128.0	88.0	82.1
Regain of accident	101.0H	23.0 %			
Preparation	24.0H	5.5 %			
Dismount/Mobilization	42.0H	9.6 %			
Others	45.0H	10.3 %	Efficiency		
			Effective length/Total days 5.82 m/d		
Total	438.0H	100 %	Effective length/Working days 7.03 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	10.0 m	118.0 m					128.0 m
Core length	4.0 m	101.1 m					105.1 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
73 m/m	10.00 m	7.8 %	100 %
m/m	m	%	%

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

(MJSN-14)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 20, '98 ~ July 28, '98	9.0	3.0	6.0	24
Drilling	July 29, '98 ~Aug.21, '98	23.5	23.5	0.0	117
Dismount	Aug.21, '98 ~ Aug.22, '98	1.5	0.9	0.6	7
Total	July 20, '98 ~Aug.22, '98	34.0	27.4	6.6	148

Drilling length

Programmed length	160.00 m	Overburden	4.00 m
Prolongation	2.30 m	Core length	131.60 m
Effective length	162.30 m	Core recovery	81.1 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	228.0H	34.7 %	0-105.6	78.9	78.9
Out drilling	199.0H	30.3 %	105.6-162.3	85.2	81.1
Regain of accident	137.0H	20.9 %			
Preparation	27.0H	4.1 %			
Dismount/Mobilization	39.0H	5.9 %			
Others	27.0H	4.1 %	Efficiency		
			Effective length/Total days 4.77 m/d		
Total	657.0H	100 %	Effective length/Working days 5.92 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	6.0 m	156.3 m					162.3 m
Core length	3.5 m	128.1 m					131.6 m

Inserted casing pipes

Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
73 m/m	6.00 m	3.7 %	100 %
m/m	m	%	%

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

(MJML-1)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	Aug.10, '98 ~ Aug.27, '98	18.0	6.4	11.6	59
Drilling	Aug.28, '98 ~Sept.25, '98	28.2	28.2	0.0	140
Dismount	Sept.25, '98 ~Sept.25, '98	0.8	0.8	0.0	5
Total	Aug.10, '98 ~Sept.25, '98	47.0	35.4	11.6	204

Drilling length			
Programmed length	200.00 m	Overburden	0.00 m
Prolongation	1.10 m	Core length	168.90 m
Effective length	201.10 m	Core recovery	84.0 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	379.0H	33.4 %	0-103.5	83.8	83.8
Out drilling	427.0H	37.6 %	103.5-201.1	84.2	84.0
Regain of accident	262.0H	23.1 %			
Preparation	12.0H	1.1 %			
Dismount/Mobilization	9.0H	0.8 %			
Others	45.0H	4.0 %	Efficiency		
			Effective length/Total days 4.28 m/d		
Total	1,134.0H	100 %	Effective length/Working days 5.70 m/d		

Drilling length by diameter							
Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	201.1 m	m					201.1 m
Core length	168.9 m	m					168.9 m

Inserted casing pipes			
Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	20.00 m	9.9 %	100 %
m/m	m	%	%

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

(MJML-2)

	Survey period		Breakdown of period		Total workers
	Period	Total days	Working days	No working days	
Preparation	July 21, '98 ~ Aug.12, '98	22.5	2.8	19.7	90
Drilling	Aug.12, '98 ~ Sept.21, '98	40.0	40.0	0.0	195
Dismount	Sept.21, '98 ~Sept.21, '98	0.5	0.5	0.0	5
Total	July 21, '98 ~ Sept.21, '98	63.0	43.3	19.7	290

Drilling length

Programmed length	180.00 m	Overburden	2.90 m
Prolongation	3.00 m	Core length	155.30 m
Effective length	183.00 m	Core recovery	84.9 %

Working hours			Core recovery each 100m		
			Length (m)	Each (%)	Cumula.(%)
Drilling	384.0H	32.5 %	0-100.8	83.2	83.2
Out drilling	431.0H	36.6 %	100.8-183.0	86.9	84.9
Regain of accident	286.0H	24.3 %			
Preparation	12.0H	1.0 %			
Dismount/Mobilization	21.0H	1.8 %			
Others	45.0H	3.8 %	Efficiency		
			Effective length/Total days		
			2.90 m/d		
Total	1,179.0H	100 %	Effective length/Working days 3.72 m/d		

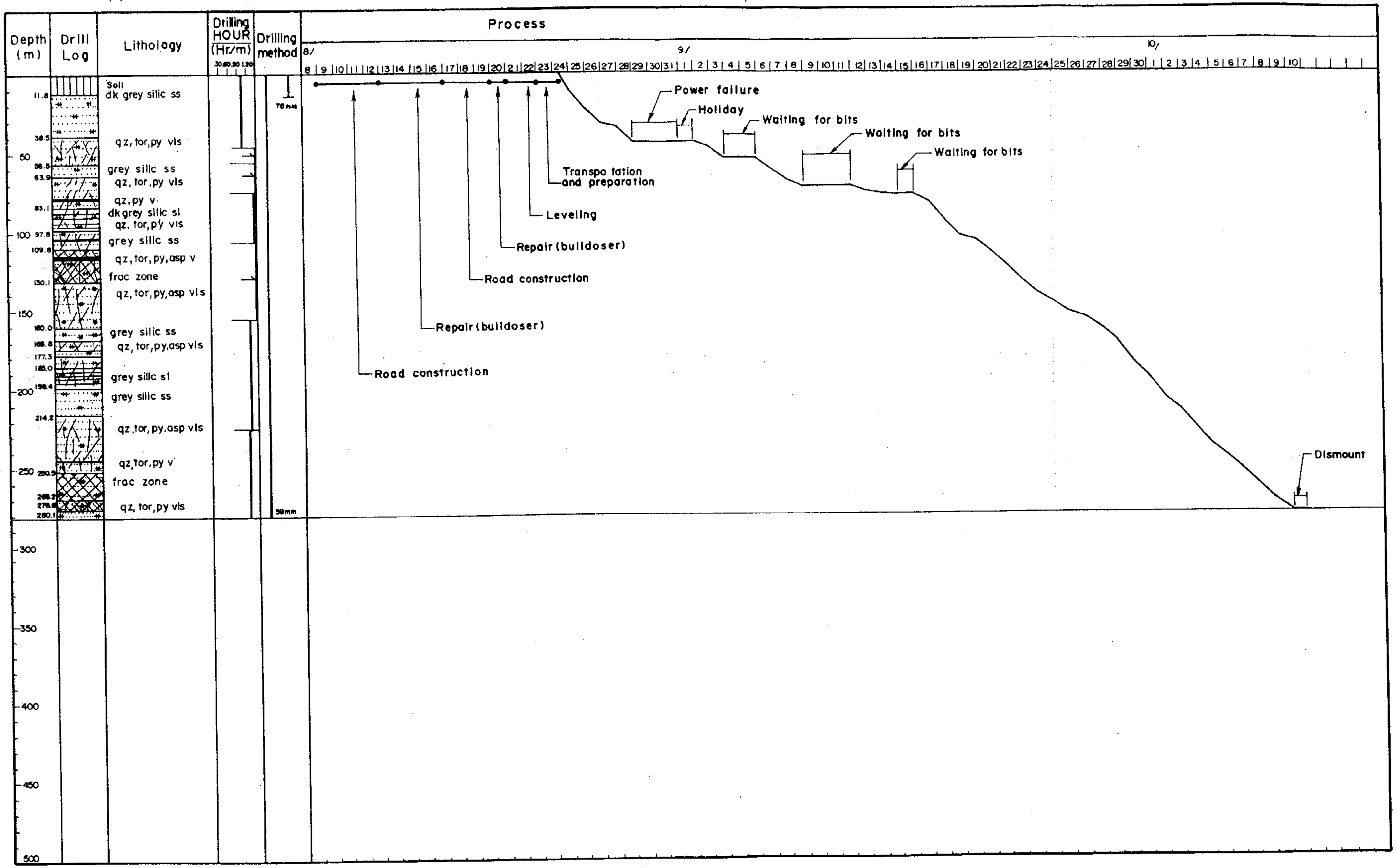
Drilling length by diameter

Bit diameter	76 m/m	m/m	m/m	m/m	m/m	m/m	Total
Drilling length	183.0 m	m					183.0 m
Core length	155.3 m	m					155.3 m

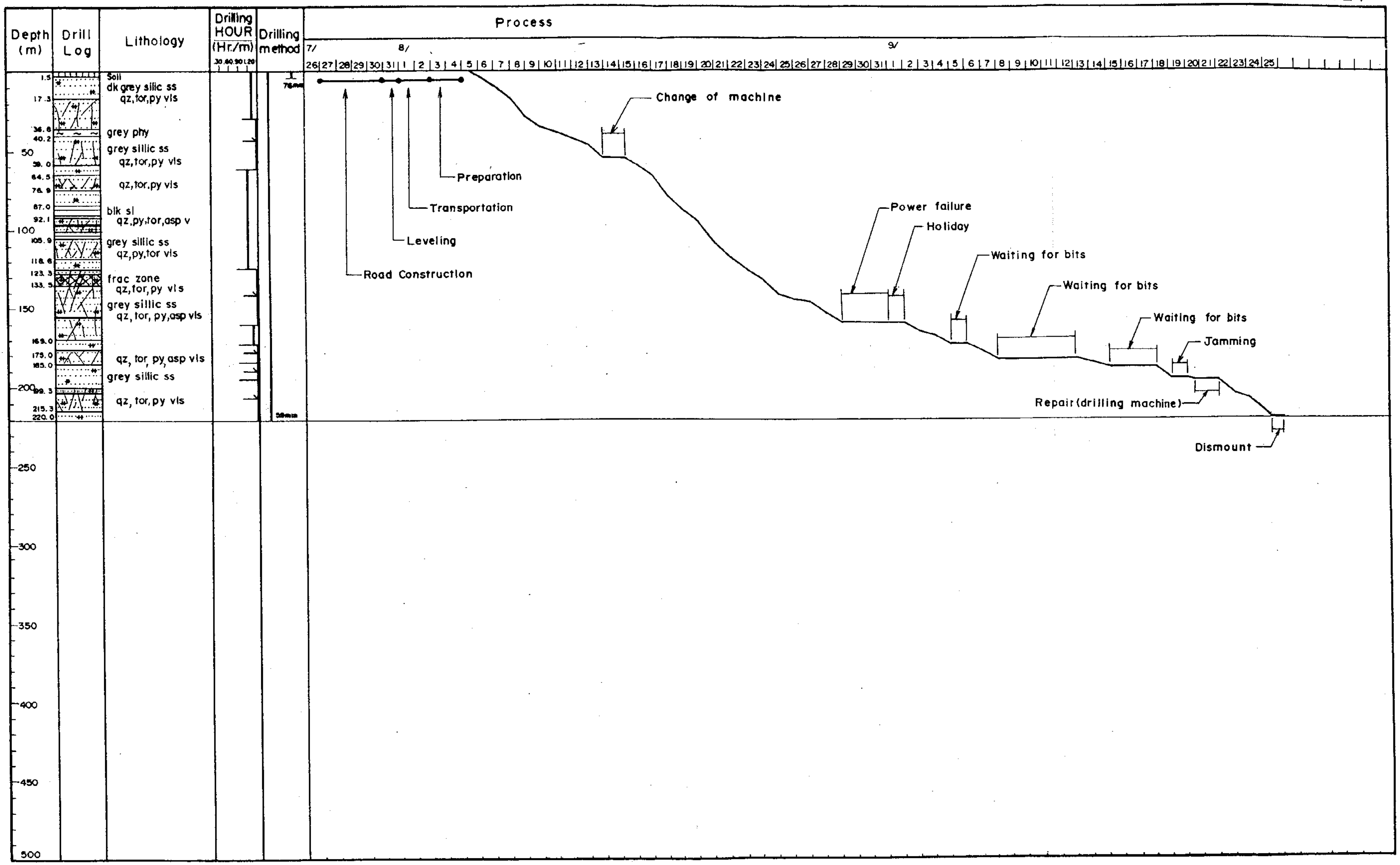
Inserted casing pipes

Inserted length by diameter		Inserted length/Drilling length x 100	Casing Recovery
89 m/m	15.00 m	8.2 %	100 %
m/m	m	%	%

Appendix 3-3(1) PROGRESS RECORD OF DIAMOND DRILLING (MJSN-11)

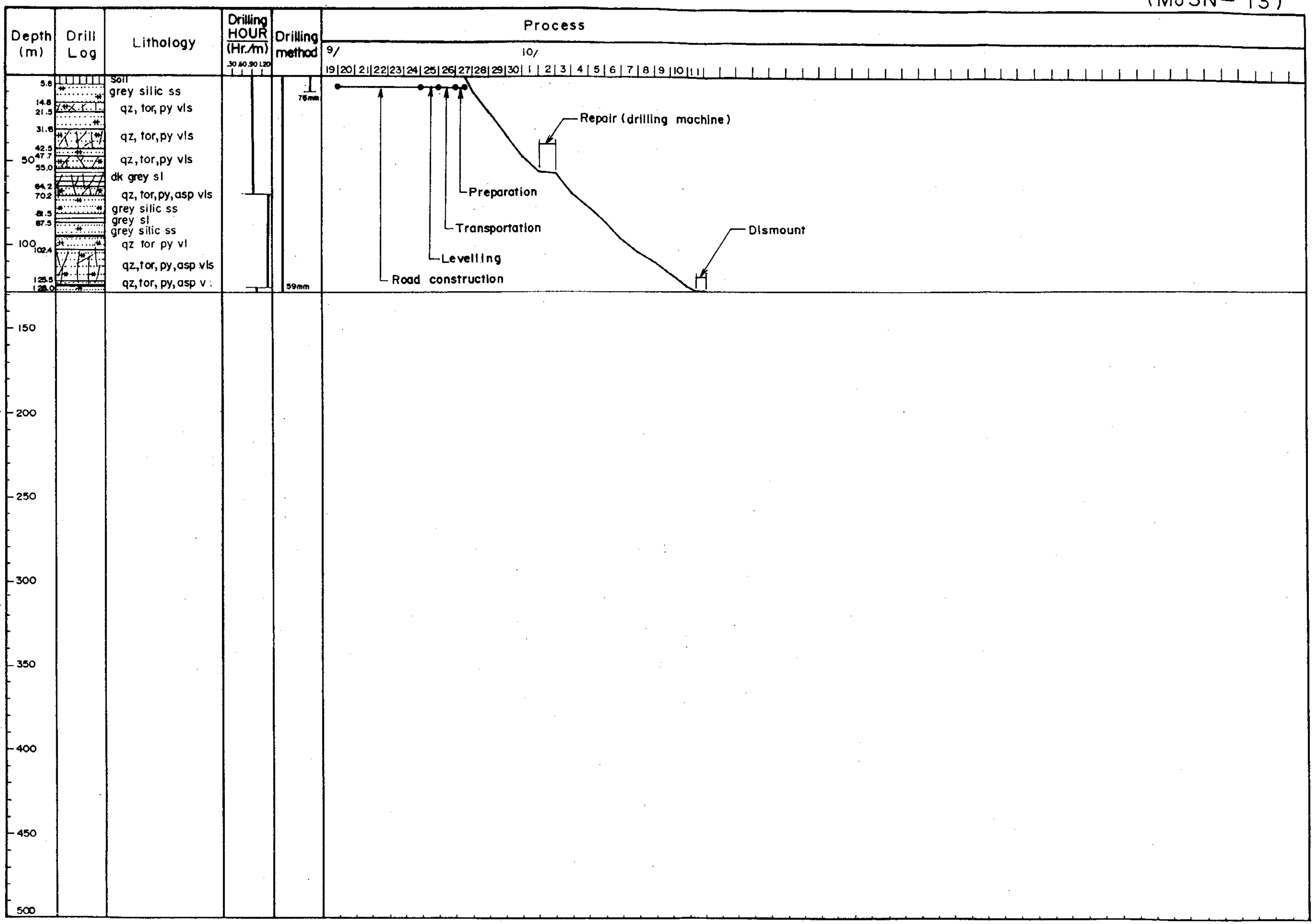


Appendix 3-3(2) PROGRESS RECORD OF DIAMOND DRILLING (MJSN-12)

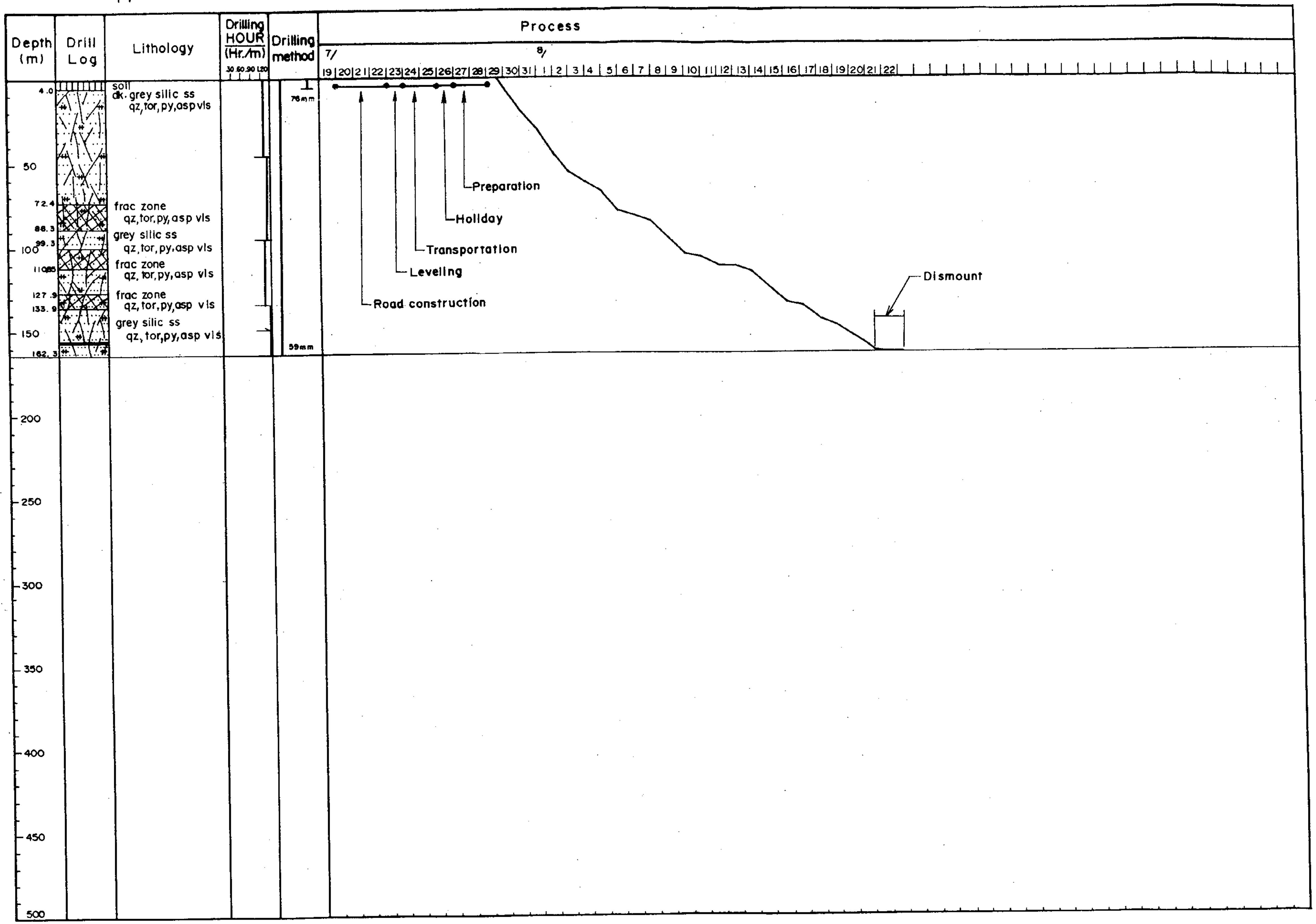


Appendix 3-3 (3) PROGRESS RECORD OF DIAMOND DRILLING

(MJSN- 13)

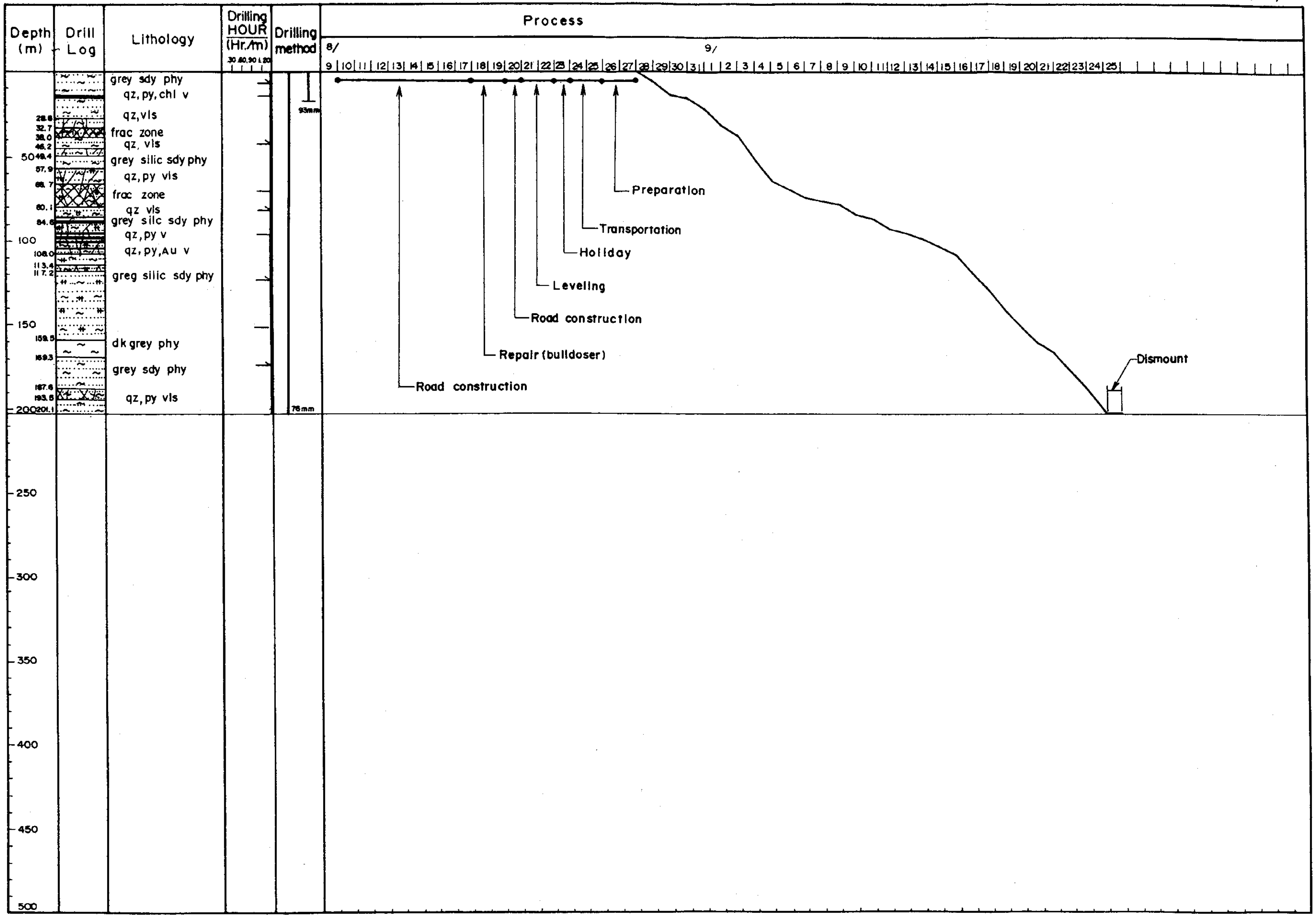


Appendix 3-3 (4) PROGRESS RECORD OF DIAMOND DRILLING (MJSN-14)

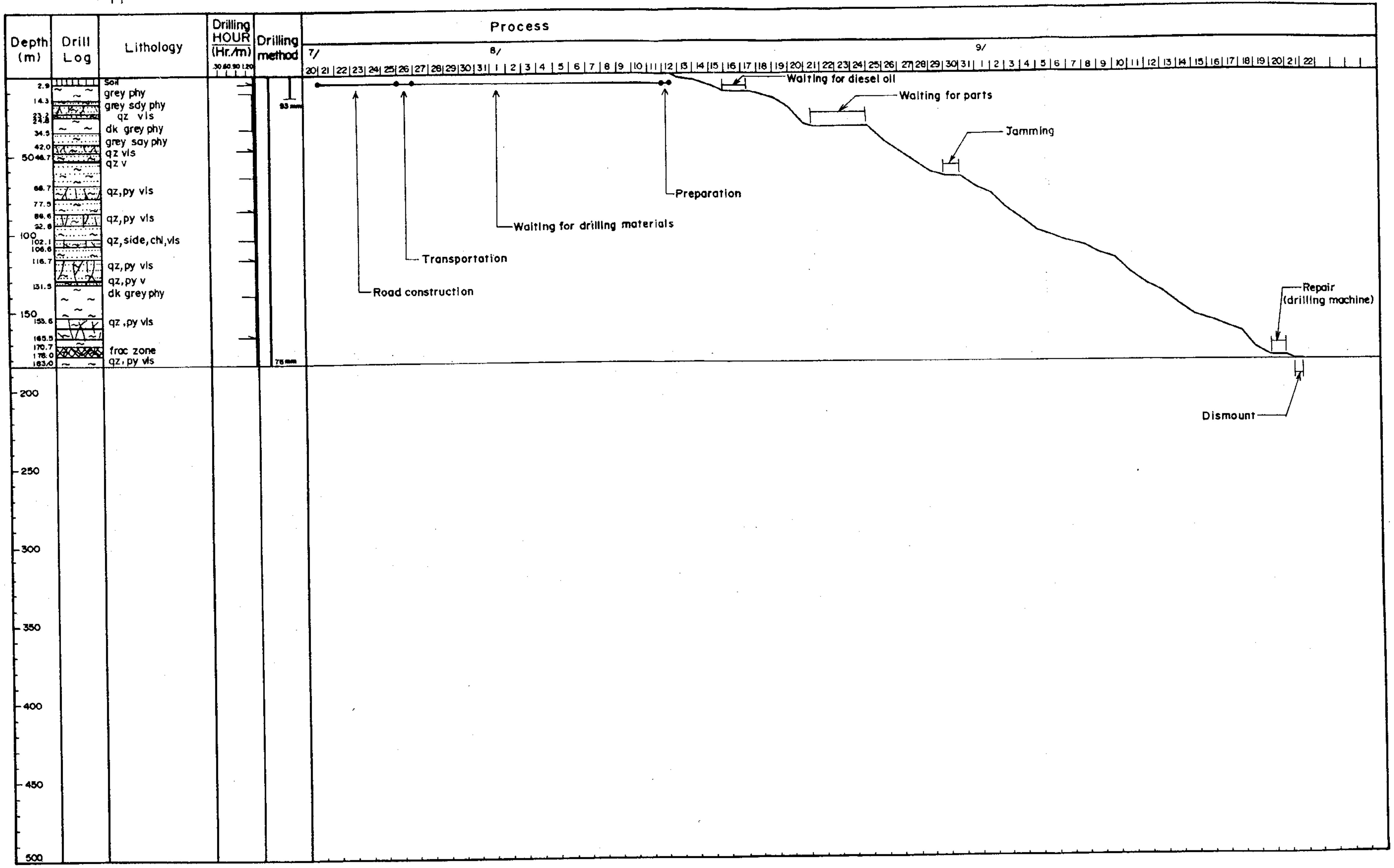


Appendix 3-3(5) PROGRESS RECORD OF DIAMOND DRILLING

(MJML- 1)



Appendix 3-3(6) PROGRESS RECORD OF DIAMOND DRILLING (MJML－ 2)



Appendix 3-4 Results of Hole Devitation Measurement

MJSN-11

Depth(m)	Direction	Dip
5	—	74° 45'
20	9°	74° 30'
40	9°	74° 30'
60	9°	73° 30'
80	10°	73° 00'
100	10°	73° 00'
120	10°	72° 00'
140	11°	71° 30'
160	11°	71° 00'
180	11°	70° 45'
200	12°	70° 30'
220	13°	70° 30'
240	13°	70° 30'
260	13°	70° 15'
270	14°	70° 15'

MJSN-12

Depth(m)	Direction	Dip
5	—	74° 30'
20	193°	74° 00'
40	195°	73° 00'
60	197°	72° 30'
80	200°	72° 30'
100	200°	72° 00'
120	201°	71° 45'
140	201°	71° 30'
160	200°	71° 00'
180	203°	71° 00'
200	203°	70° 45'
216	203°	70° 30'

MJSN-13

Depth(m)	Direction	Dip
5	—	75° 00'
20	103°	74° 00'
40	105°	74° 00'
60	105°	73° 00'
80	105°	72° 30'
100	105°	72° 00'
120	106°	72° 00'
125	106°	72° 45'

MJSN-14

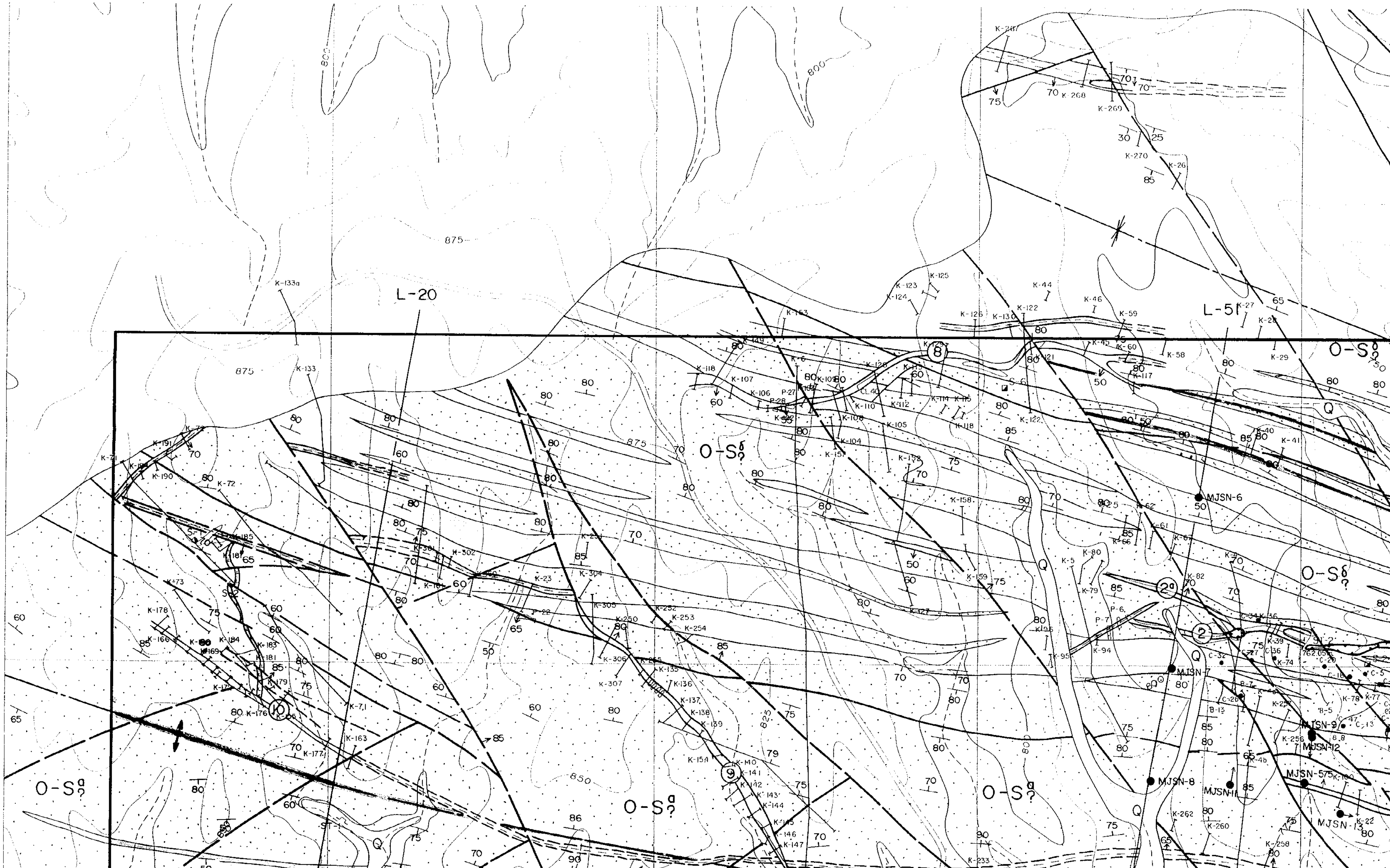
Depth(m)	Direction	Dip
5	192°	75° 30'
20	194°	75° 00'
30	197°	74° 45'
40	200°	72° 45'
50	205°	72° 00'
60	208°	71° 15'
80	209°	70° 30'
100	209°	68° 45'
110	208°	67° 30'
120	208°	67° 00'
140	206°	67° 15'
160	203°	67° 15'

MJMl-1

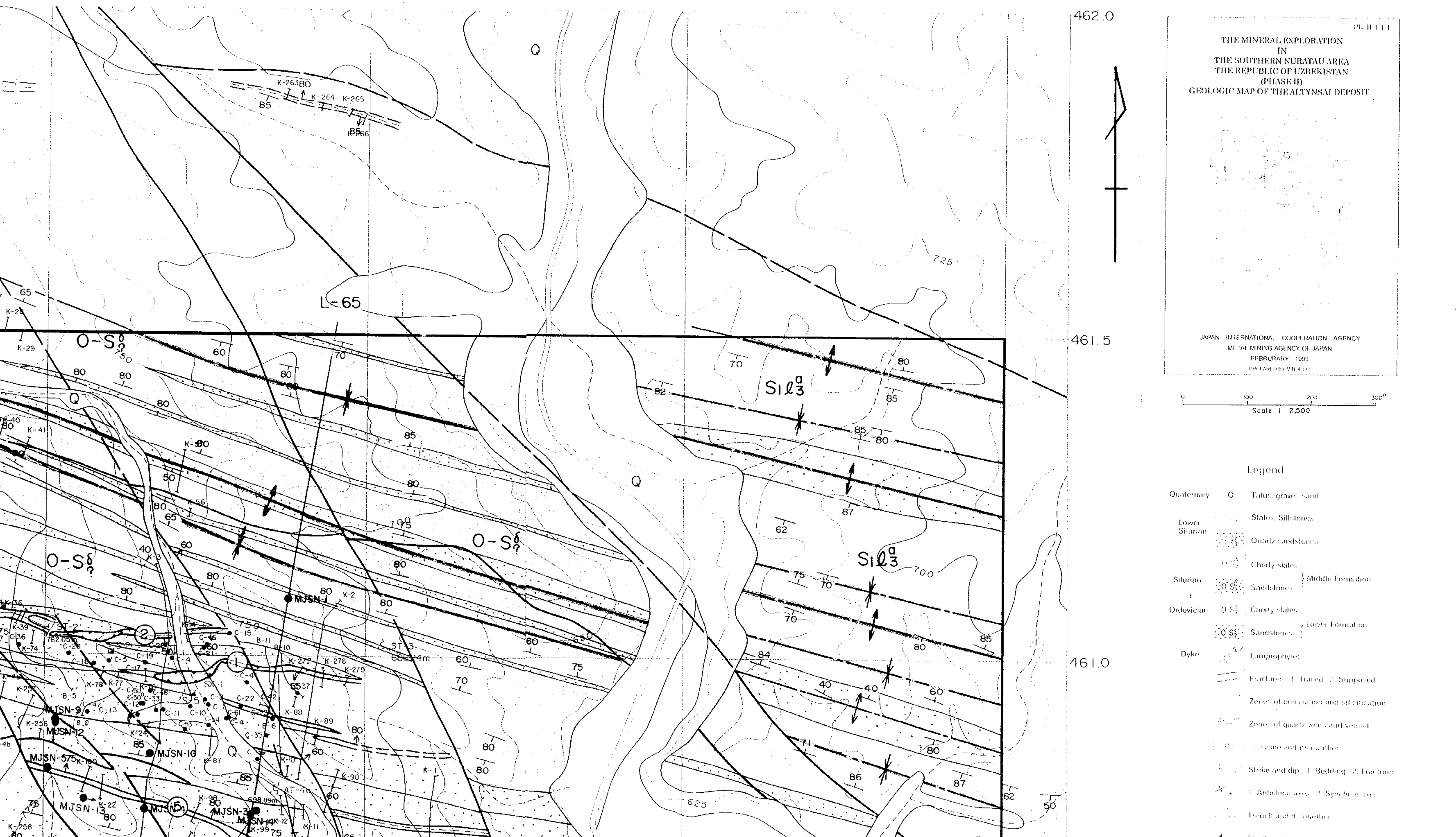
Depth(m)	Direction	Dip
5	204°	74° 45'
20	204°	74° 15'
40	203°	74° 00'
60	203°	72° 15'
62	203°	71° 00'
80	202°	70° 30'
100	200°	69° 30'
120	200°	69° 00'
140	199°	68° 15'
160	193°	67° 00'
162	193°	66° 45'
180	192°	66° 00'
194	191°	65° 30'

MJML-2

Depth(m)	Direction	Dip
5	220°	75° 30'
20	211°	75° 30'
40	207°	75° 15'
60	202°	75° 30'
62	202°	75° 30'
80	203°	75° 45'
100	197°	75° 30'
120	197°	75° 15'
140	192°	74° 45'
160	194°	74° 15'
162	194°	74° 00'
178	194°	73° 15'



L-20
L-51
875
850
825
800
O-S δ ?
O-S a ?
Q
MJSN-6
MJSN-7
MJSN-8
MJSN-9
MJSN-11
MJSN-12
MJSN-13
MJSN-575
K-133a
K-133
K-287
K-268
K-269
K-270



THE MINERAL EXPLORATION
IN
THE SOUTHERN NURATAU AREA
THE REPUBLIC OF UZBEKISTAN
(PHASE II)
GEOLOGIC MAP OF THE ALTYNSAI DEPOSIT
JAPAN INTERNATIONAL COOPERATION AGENCY
METAL MINING AGENCY OF JAPAN
FEBRURARY 1999
462.0
461.5
461.0
0
100
200
300m
Scale 1 : 2,500
Legend
Quaternary
Q
Talus, gravel, sand
Lower Silurian
Slates, Siltstones
Quartz sandstones
Silurian
Ordovician
Cherty slates
Sandstones
Middle Formation
Cherty slates
Sandstones
Lower Formation
Dyke
Lamprophyres
Fractures 1. Traced 2. Supposed
Strike and dip : 1. Bedding 2. Fractures
L-65
MJSN-1
MJSN-9
MJSN-12
MJSN-16
MJSN-13
MJSN-3
ST-2
ST-3

O-Sa?
O-Sδ?
Q
MJSN-6
MJSN-7
MJSN-8
MJSN-9
MJSN-11
MJSN-12
MJSN-13
MJSN-575
752.5
L-20
753.0
753.5
754.0
L-51
754.5


Legend
Quaternary
Q
Lake, gravel, sand
Slates, Siltstones
Lower Silurian
Quartz sandstones
Cherty slates
Middle Formation
Silurian
Sandstones
Ordovician
Cherty slates
Lower Formation
Sandstones
Dyke
Lamprophyres
Fractures : 1. Traced 2. Supposed
Zones of brecciation and silicification
Zones of quartz veins and veinlets
Ore zone and its number
Strike and dip : 1. Bedding 2. Fractures
1. Anticlinal axes 2. Synclinal axes
Trench and its number
Shaft and its number
Adit and its number
Old workings
Drillholes : 1. Existed 2. MMAJ(1997) 3. MMAJ(1998)
Detailed survey area
754.5
L-65
755.0
755.5
756.0
461.0
460.5
460.0
MJSN-1
MJSN-2
MJSN-3
MJSN-9
MJSN-10
MJSN-12
MJSN-13
MJSN-14
MJSN-575
Q