APPENDICES

Appendix 1 Charged Potential in Rea A

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
550	300	60.3	11.8
500	300	64.8	12.7
550	250	54.3	13.1
500	250	59.4	13.0
550	200	48.1	13.2
500	200	54.8	14.0
550	150	40.7	13.1
500	150	47.7	13.7
550	100	32.6	15.0
500	100	35.8	14.4
550	50	25.5	15.7
500	50	26.8	15.7
550	0	20.8	17.2
500	0	23.2	21.2
550	-50	16.6	21.7
500	-50	17.6	18.8
550	-100	12.7	22.3
500	-100	13.8	24.3
550	-150	8.9	26.6
500	-150	9.7	26.5
550	-200	7.1	34.4
500	-200	7.1	34.1
650	-200	5.9	20.2
650	-150	8.5	18.8
700	-150	7.1	16.3
600	300	49.4	11.8
650	300	43.3	10.5
700	300	33.5	9.9
750	300	24.1	8.6
550	350	59.9	11.4
500	350	64.9	13.7
600	400	47.5	10.0
650	400	43.1	11.6
700	400	31.7	10.4
550	400	53.4	10.2
500	400	57.5	10.6
600	350	51.5	12.0
650	350	41.5	10.3
700	350	34.4	9.8
750	350	20.7	7.7
750	400	20.0	7.1
400	400	67.3	12.4
450	400	62.7	11.3
400	350	72.9	13.6
450	350	73.0	12.2
450	300	72.4	12.5
400	250	69.9	13.5
450	250	69.3	13.4
350	200	57.6	13.8
400	200	60.1	13.3
450	200	62.0	12.5
450	150	50.4	14.6
400	100	37.8	19.3
350	100	34.5	21.1
450	100	37.3	16.4
400	50	26.1	22.6
350	50	21.9	29.0
450	50	26.5	19.2
400	0	19.6	25.6
450	0	19.5	23.1
400	-50	14.5	27.1
450	-50	13.4	26.9
400	-100	10.8	32.3
400	300	71.2	11.9
300	400	34.1	13.2
350	400	50.2	11.8
250	400	19.0	12.0
300	350	45.1	11.4
250	350	32.0	12.1
350	350	57.1	11.9
300	300	52.6	12.9
250	300	39.3	12.6
350	300	63.2	12.8
300	250	54.3	14.2
250	250	43.9	13.7

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
350	250	59.9	13.2
300	200	56.2	14.6
250	200	50.3	14.7
350	150	58.2	15.5
400	150	58.3	13.9
250	450	18.5	11.7
250	500	14.1	8.6
300	500	19.2	7.9
250	550	9.9	6.7
300	450	20.5	10.4
400	450	43.4	10.4
350	450	34.5	10.2
400	500	25.4	7.9
350	500	23.3	8.6
400	550	14.5	7.2
350	550	14.4	7.3
400	600	10.6	6.5
350	600	9.3	6.8
300	600	9.2	7.4
300	550	13.3	7.8
250	600	9.4	6.9
200	600	7.2	8.6
150	600	7.0	7.2
100	600	5.8	7.4
100	500	11.0	8.8
150	500	12.0	8.0
200	500	13.4	8.6
600	450	37.6	8.7
650	450	36.0	8.3
700	450	29.9	7.6
550	450	49.2	9.9
500	450	42.4	9.4
450	450	44.0	9.9
600	500	27.3	6.2
650	500	28.4	7.4
700	500	21.2	6.4
750	500	17.6	5.7
550	500	33.0	7.6
500	500	34.4	8.6
450	500	30.2	8.6
600	550	26.5	7.5
650	550	21.6	6.6
700	550	17.4	5.9
750	550	15.4	5.7
550	550	26.4	7.8
500	550	23.9	7.9
450	550	22.5	8.2
600	600	20.1	6.3
650	600	17.9	5.8
700	600	15.7	5.3
750	600	14.4	5.1
550	600	18.4	6.8
500	600	19.3	7.5
450	600	18.9	7.6
600	650	14.2	5.6
650	650	13.5	4.7
700	650	13.5	5.0
750	650	11.6	4.5
550	650	15.8	7.0
500	650	15.3	6.8
450	650	16.2	7.9
600	700	9.7	4.4
650	700	11.0	4.8
700	700	10.2	4.6
750	700	8.8	3.8
550	700	9.5	4.3
500	700	12.0	6.2
450	700	14.0	6.3
600	750	10.5	5.5
650	750	9.7	4.5
700	750	9.3	4.5
550	750	6.8	3.0
500	750	12.0	6.1
450	750	13.3	5.9
600	800	10.3	4.9

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
650	800	8.9	4.3
700	800	9.1	4.3
550	800	10.0	5.5
500	800	10.5	5.8
450	800	10.3	4.9
250	700	13.5	7.2
250	650	14.3	7.6
350	750	10.0	5.5
350	700	8.3	4.9
350	650	16.5	8.4
300	650	15.7	8.0
300	700	14.2	7.8
300	750	10.8	6.1
250	750	11.4	6.1
300	900	7.6	5.0
400	850	8.6	4.3
400	900	7.6	4.6
500	850	7.1	4.1
450	850	9.0	4.2
500	900	7.3	4.2
450	900	6.0	3.3
600	900	7.0	4.0
700	900	5.0	2.6
800	900	5.1	2.5
600	1000	5.1	3.0
700	1000	4.0	2.2
800	1000	3.4	2.4
500	1000	5.7	3.7
400	1000	6.0	4.1
300	1000	5.1	3.6
600	1100	3.4	2.4
700	1100	3.4	2.5
800	1100	3.1	2.3
500	1100	3.8	2.9
400	1100	2.6	2.4
300	1100	2.6	2.1
600	1200	2.3	2.4
500	1200	2.8	2.1
400	1200	3.1	2.4
700	1200	1.9	1.8
800	1200	1.1	1.1
600	1300	1.5	1.3
700	1300	1.3	1.2
800	1300	1.3	1.1
500	1300	1.6	1.7
600	1400	1.1	.9
700	1400	.9	.8
800	1400	.8	.7
700	1500	.6	.5
800	800	8.3	3.8
900	800	6.0	3.1
1000	800	4.2	2.5
1100	800	3.0	1.9
900	900	4.7	2.6
1000	900	2.9	2.0
1100	900	2.6	1.6
900	1000	3.8	2.1
1000	1000	2.7	1.7
1100	1000	2.1	1.4
900	1100	2.3	1.7
1000	1100	1.9	1.3
1100	1100	1.5	.9
900	1200	1.8	1.2
1000	1200	1.5	1.0
900	1300	1.2	1.2
1200	1000	2.7	1.6
1200	900	2.9	1.5
1300	900	2.2	1.2
1200	800	2.5	1.2
1300	800	2.4	1.2
1400	800	2.2	1.1
1200	700	4.8	2.8
1300	700	3.0	2.2
1400	700	2.5	1.4
1500	700	1.3	1.2

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
1100	700	5.8	3.9
1000	700	9.5	5.9
1200	600	6.2	3.6
1300	600	5.2	2.9
1400	600	3.6	2.1
1500	600	2.4	1.5
1100	600	6.9	3.5
1000	600	8.9	4.4
1200	500	6.7	4.4
1300	500	5.1	3.3
1400	500	3.7	2.2
1500	500	2.5	1.9
1100	500	9.5	4.7
1000	500	12.6	5.7
1200	400	7.7	5.1
1300	400	6.0	3.4
1400	400	3.8	2.7
1100	400	9.2	5.0
1200	300	7.8	5.5
1300	300	5.8	4.4
1200	200	8.7	6.3
1100	200	9.8	7.1
900	700	7.4	4.1
800	700	8.0	3.7
900	600	10.8	6.0
800	600	14.0	8.1
800	550	17.2	8.2
900	500	13.4	7.8
850	500	15.5	7.0
800	500	17.3	7.5
900	450	11.7	5.9
800	450	19.1	8.2
750	450	18.8	7.5
900	400	14.6	6.8
850	400	14.6	7.3
950	400	13.3	6.7
1000	400	12.1	6.6
900	350	12.6	6.4
950	350	11.8	8.0
1000	350	10.2	6.6
850	450	16.0	6.9
800	400	19.0	9.0
850	350	16.6	7.9
800	350	19.4	8.3
900	300	13.9	8.6
950	300	12.5	8.0
1000	300	10.6	7.7
1050	300	9.9	6.7
1100	300	8.9	6.1
850	300	17.7	8.9
800	300	19.5	8.4
900	250	15.7	8.7
950	250	13.1	8.3
1000	250	11.8	7.8
850	250	17.6	9.0
800	250	21.2	10.4
900	200	15.2	8.7
950	200	13.3	8.5
1000	200	12.1	8.3
850	200	17.6	8.6
800	200	20.5	10.9
900	150	13.8	9.1
850	150	15.8	9.2
800	150	17.9	11.6
850	100	14.7	10.8
800	100	13.5	11.8
800	50	13.0	11.5
600	-250	7.2	27.3
700	-200	7.8	15.5
600	-200	9.7	28.1
600	-150	11.5	21.0
600	-100	12.7	21.6
650	-100	10.7	15.3
700	-100	10.1	14.3
600	-50	14.6	16.6

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
650	-50	14.2	15.2
700	-50	10.2	15.3
600	0	18.9	15.0
650	0	13.5	16.0
700	0	12.7	12.3
750	0	9.5	10.9
600	50	22.1	14.6
650	50	20.0	15.4
700	50	16.2	13.9
750	50	11.3	11.8
600	100	28.2	12.8
650	100	24.6	12.4
700	100	21.1	11.2
750	100	14.2	11.8
600	150	34.7	11.4
650	150	28.9	13.0
700	150	26.2	12.3
750	150	16.1	11.0
600	200	41.1	12.4
650	200	32.5	11.8
700	200	28.8	10.9
750	200	15.3	7.1
600	250	45.4	12.4
650	250	36.3	12.2
700	250	30.5	10.2
750	250	25.2	9.4
350	-150	12.1	48.3
350	-100	15.9	41.8
350	-50	17.7	40.1
350	0	23.1	34.3
300	-150	15.0	54.7
300	-100	18.1	45.4
300	-50	19.4	41.2
250	-150	16.1	51.1
250	-100	18.6	43.6
250	-50	19.6	42.1
200	-150	14.7	56.9
150	-150	14.3	76.0
150	-100	17.7	56.1
100	-150	13.2	82.5
100	-100	17.1	54.0
100	-50	18.7	49.6
100	0	22.1	40.9
50	-150	10.8	72.1
50	-100	13.7	64.3
50	-50	15.4	51.6
150	-50	20.0	46.6
250	100	34.2	29.1
0	-150	10.2	79.3
0	-100	11.3	64.3
0	-50	13.4	52.4
-50	-150	8.1	72.4
-50	-100	9.7	64.0
-50	-50	12.1	52.0
-50	0	11.8	36.4
0	0	15.6	39.7
50	0	18.7	39.2
-50	50	13.5	30.8
0	50	18.7	30.7
100	50	27.7	31.1
150	50	30.8	30.8
200	50	33.8	31.3
200	100	32.3	31.3
250	50	29.4	33.2
250	0	22.8	40.0
50	50	23.3	30.7
-50	100	15.1	29.4
0	100	19.4	30.3
50	100	26.2	30.5
100	100	29.7	29.6
-50	150	15.2	24.6
0	150	20.2	24.3
50	150	27.4	25.1
100	150	34.3	27.3
-50	200	16.4	18.3

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
0	200	20.4	21.8
50	200	25.5	21.9
100	200	31.7	21.9
150	200	42.5	21.6
200	200	40.2	20.5
-50	250	15.8	15.2
0	250	20.0	16.9
50	250	25.2	15.9
100	250	32.8	16.4
150	250	41.3	18.3
200	250	44.3	17.8
-50	300	12.9	12.2
0	300	18.6	14.0
50	300	23.9	13.2
100	300	28.9	13.3
150	300	32.2	15.0
200	300	39.1	14.1
-50	350	12.5	13.4
0	350	16.4	12.7
50	350	21.7	13.7
150	350	29.4	13.9
200	350	33.3	12.5
100	350	23.7	17.6
0	400	13.2	9.9
50	400	17.7	13.4
100	400	21.5	12.9
150	400	23.9	13.1
200	400	28.2	13.2
-50	450	9.5	11.8
0	450	11.1	11.0
-50	450	13.0	13.8
100	450	16.6	11.2
150	450	17.3	11.3
200	450	18.9	12.6
50	500	12.4	11.5
0	500	8.1	10.4
-100	600	3.3	6.7
0	600	5.6	6.2
100	550	11.3	8.1
150	550	11.8	7.8
200	550	14.9	8.7
200	650	7.8	6.7
200	700	6.5	6.1
-100	700	1.1	5.6
0	700	3.0	5.2
100	700	4.5	6.2
0	800	1.0	4.9
100	800	1.5	5.2
100	900	1.2	3.4
200	800	3.5	7.4
200	900	2.6	3.6
-200	600	1.6	8.6
200	1000	1.5	3.4
-200	500	2.2	8.1
-300	500	1.9	8.3
-200	400	2.7	10.1
-300	400	1.8	8.5
-200	300	5.4	13.0
-300	300	2.5	9.1
-150	200	8.9	18.4
-150	250	8.9	18.4
-150	300	8.7	12.7
-200	200	6.8	17.7
-200	250	6.4	12.8
-250	200	4.5	14.8
-300	200	2.5	13.1
-150	150	9.3	22.0
-200	150	7.1	21.4
-250	150	5.5	20.9
-300	150	3.2	18.0
-150	100	9.1	26.7
-200	100	7.0	23.2
-250	100	5.3	23.1
-300	100	3.5	18.5
-350	100	.9	13.4

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
-150	50	8.9	32.6
-200	50	6.8	29.6
-250	50	4.8	27.1
-300	50	3.6	30.8
-350	50	1.9	27.6
-150	0	7.5	34.2
-200	0	5.1	35.1
-250	0	3.6	32.4
-300	0	3.3	29.8
-350	0	1.7	30.8
-150	-50	7.0	44.0
-200	-50	4.5	39.2
-250	-50	3.6	38.8
-300	-50	2.1	34.4
-350	-50	1.8	30.8
-150	-100	5.3	53.1
-200	-100	4.2	45.2
-250	-100	3.1	43.0
-300	-100	1.6	40.3
-150	-150	4.3	62.1
-200	-150	3.1	56.8
-250	-150	2.4	51.9
-150	-200	3.3	79.9
-200	-200	3.8	72.1
-300	-200	1.5	53.5
-400	-100	1.1	30.6
-400	0	1.5	25.2
-500	0	.9	17.4
-400	50	1.4	16.3
-400	100	1.1	10.6
-500	100	.9	8.3
-600	100	.8	6.9
-400	200	1.1	6.4
-500	200	1.0	8.8
-600	200	.9	4.7
-400	300	1.2	5.6
-500	300	1.0	4.9
-400	400	1.3	4.8
-300	-300	.8	62.3
-200	-300	1.6	82.4
-200	-400	3.4	87.4
-100	-250	3.2	94.0
-150	-250	2.3	87.6
-100	-300	2.4	106.0
-100	-400	1.2	139.4
-100	-500	.9	117.2
400	800	10.7	6.2
400	700	14.5	7.6
400	750	13.6	6.9
350	800	11.0	6.7
300	800	10.6	6.4
450	-200	9.6	35.2
400	-200	12.3	46.6
350	-200	9.2	52.2
300	-200	12.2	58.5
250	-200	13.0	69.1
200	-200	11.1	89.7
150	-200	9.6	116.2
100	-200	9.3	120.4
50	-200	9.1	112.5
0	-200	7.7	104.5
-50	-200	6.0	98.0
-100	-200	4.4	87.7
-100	500	6.5	8.8
-100	450	7.7	10.7
-100	400	8.5	10.0
-100	350	10.7	11.3
-100	300	12.1	11.4
-100	250	12.0	15.0
-100	200	11.9	17.7
-100	150	12.0	20.4
-100	100	11.5	26.6
-100	50	10.6	32.0
-100	0	10.6	37.7
-100	-50	7.5	53.7

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
-100	-100	6.1	63.0
-100	-150	5.5	67.3
0	-250	4.7	143.9
-50	-250	3.6	125.6
0	-300	4.0	213.4
-50	-300	3.0	134.3
0	-350	2.7	232.3
-50	-350	1.7	151.4
0	-400	1.6	220.8
50	-250	5.6	136.5
100	-250	5.6	200.1
200	-250	8.7	114.9
150	-250	6.5	152.7
250	-250	8.6	83.0
200	-300	5.8	106.3
150	-300	5.6	203.3
200	-350	3.7	118.1
150	-350	3.8	213.2
200	-400	2.8	157.8
300	-250	7.5	62.4
350	-250	6.5	55.0
300	-300	6.0	68.3
250	-300	6.4	109.0
350	-300	5.7	61.6
300	-350	4.8	79.6
250	-350	4.5	88.8
350	-350	3.8	68.0
300	-400	3.2	76.8
250	-400	3.2	98.0
350	-400	3.0	65.0
400	-250	6.1	44.4
450	-250	7.8	38.1
400	-300	5.1	46.2
450	-300	5.7	41.9
500	-300	6.9	36.1
400	-350	4.4	50.3
500	-250	9.3	35.4
600	-300	5.3	24.2
600	-400	3.6	29.4
500	-400	1.7	29.8
400	-400	4.7	58.0
600	-500	.6	31.6
500	-500	.7	37.0
500	-600	.6	33.8
400	-500	.8	55.7
400	-600	.6	45.5
400	-700	.5	33.5
300	-500	2.7	75.5
300	-450	3.5	75.5
300	-600	.8	60.7
300	-700	.9	41.0
300	-800	.6	30.4
250	-500	2.8	87.2
250	-450	3.9	85.8
200	-500	3.2	109.5
200	-450	4.1	107.0
200	-550	1.3	88.5
200	-600	1.2	63.8
200	-700	.7	49.4
200	-800	.6	37.9
150	-500	2.5	106.9
150	-450	4.4	181.6
150	-400	4.5	174.5
100	-500	3.3	185.3
100	-600	2.6	90.8
100	-700	2.5	49.8
100	-450	3.9	237.3
100	-400	4.4	281.3
100	-350	4.7	295.8
100	-300	4.9	234.4
50	-450	4.1	245.8
50	-400	4.4	281.3
50	-350	4.5	281.8
50	-300	4.8	218.1
0	-500	3.1	177.3

X (m)	Y (m)	Potential (mV/A) HS-14	HS-7
0	-600	.6	80.8
700	-400	2.6	11.2
900	100	12.8	10.6
1000	100	9.6	8.0
900	0	10.7	10.5
1000	0	9.0	10.6
800	0	12.0	13.3
900	-100	10.0	14.1
800	-100	11.2	12.4
1000	-100	8.0	8.9
900	-200	8.6	13.3
800	-200	9.5	15.4
800	-300	6.9	14.0
700	-300	7.7	19.4
400	650	15.7	7.6
-50	400	10.1	13.9
450	-100	13.0	29.4
400	-150	9.9	38.8
450	-150	9.6	36.4

Appendix 2 Electric Field in Area A

X (m)	Y (m)	HS-14 |E|	HS-14 φ	HS-7 |E|	HS-7 φ
325	575	37	92	2	179
325	525	15	89	5	39
275	575	44	62	7	132
275	525	25	44	1	202
225	575	38	57	5	94
225	525	28	55	4	143
175	575	28	28	4	84
175	525	34	45	2	65
125	575	29	18	8	143
125	525	42	15	3	225
75	575	25	16	3	159
75	525	31	9	5	182
25	575	16	9	7	139
25	525	15	34	23	144
-25	575	16	26	23	132
-25	525	20	9	13	309
-75	575	14	359	3	131
-75	525	13	18	20	160
-125	575	15	325	24	128
-125	525	14	11	7	183
-175	575	11	305	34	141
-175	525	9	1	26	182
-175	675	11	324	16	106
-125	675	9	32	15	144
-125	750	11	333	7	184
325	625	22	71	5	83
325	675	34	101	2	106
325	725	32	85	5	95
325	775	12	162	5	236
375	575	36	128	4	208
375	525	30	146	13	143
425	625	37	156	7	231
425	675	46	122	12	159
425	725	40	99	14	131
425	575	25	126	1	145
425	525	53	165	4	164
375	625	37	112	9	140
375	675	25	77	5	22
375	725	47	101	7	75
375	775	8	252	7	254
425	775	11	312	13	296
425	425	83	169	8	151
425	475	66	165	5	152
375	425	19	181	6	130
375	475	45	142	6	239
325	475	26	86	1	226
275	425	5	23	6	177
275	475	35	73	4	157
225	375	11	313	3	140
225	425	34	349	3	72
225	475	35	45	6	301
175	475	41	13	7	157
125	425	69	1	20	152
125	375	81	352	20	162
125	475	45	7	10	132
75	425	40	358	16	135
75	375	45	342	35	141
75	475	37	358	15	128
25	425	22	1	13	140
25	475	27	332	15	153
-25	425	18	13	5	174
-25	475	25	326	31	115
-75	425	15	329	20	151
325	425	7	324	6	341
425	325	72	230	11	153
425	375	79	227	6	201
425	275	51	268	4	259
375	325	55	228	6	344
375	275	63	225	2	100
375	375	59	247	6	267
325	325	44	234	5	177
325	275	52	241	2	206
325	375	34	233	4	134
275	325	20	254	6	142
275	275	39	246	4	202
275	375	36	288	2	222
225	325	8	218	3	118
225	275	30	222	3	176
175	375	2	182	8	137
175	425	27	77	3	222
475	275	17	204	12	158
525	275	22	231	7	161
525	325	25	215	2	263
575	275	12	262	4	278
475	325	48	265	9	174
475	425	61	182	9	170
475	375	49	218	5	187
525	425	40	204	3	228
525	375	31	193	5	151
575	425	30	244	4	234
575	375	17	181	1	173
625	425	33	302	5	317
625	375	25	350	6	13
625	325	22	360	3	45
575	325	14	195	2	126
625	275	17	2	3	322
625	225	8	286	8	137
650	175	1	213	6	228
650	125	5	240	2	161
525	125	3	285	3	133
525	175	5	262	2	245
525	225	5	336	0	43
475	625	35	171	8	172
475	675	33	141	4	141
475	725	40	138	6	227
475	575	68	144	9	153
475	525	36	220	3	216
475	475	47	174	5	158
525	625	5	236	6	318
525	675	34	133	4	128
525	725	18	137	3	128
525	775	8	172	6	267
525	575	30	139	5	81
525	525	36	172	4	124
525	475	30	209	1	188
575	625	27	143	5	143
575	675	19	131	4	137
575	725	9	129	2	158
575	775	4	221	7	255
575	575	27	181	3	167
575	525	18	207	2	162
575	475	13	202	2	155
625	625	22	160	3	145
625	675	17	154	4	155
625	725	9	149	1	147
625	775	11	156	9	256
625	575	11	213	2	74
625	525	14	168	3	135
625	475	9	188	1	20
675	625	16	172	5	145
675	675	8	180	1	286
675	725	13	149	2	122
675	825	10	168	2	182
675	575	22	165	10	153
675	525	11	190	2	193
675	475	8	156	7	146
725	625	6	302	4	338
725	675	5	149	1	155
725	725	6	123	3	102
750	775	4	110	1	72
725	575	9	182	4	182
725	525	8	90	6	94
725	475	7	111	1	163
775	625	3	106	4	120
775	675	3	154	1	177
775	750	2	111	1	130
775	575	16	310	12	315
775	525	18	106	10	96
775	475	11	157	3	188
850	625	7	139	3	125
850	675	3	198	0	189
850	750	7	168	3	166
850	575	4	195	4	149
825	525	12	171	6	169
825	475	5	188	4	230
725	275	8	197	4	208
675	275	5	239	2	232
775	375	12	286	6	309
725	375	22	286	10	283
675	375	28	175	12	167
675	325	6	207	2	248
725	325	23	120	12	120
775	325	3	103	2	62
825	275	4	151	1	175
950	350	4	179	2	166
875	425	4	200	1	11
950	425	6	117	5	102
875	550	6	275	1	280
875	475	12	147	3	174
950	550	3	172	1	161
950	475	5	238	3	253
950	650	5	134	3	126
950	750	2	183	1	164
950	850	3	166	0	223
1050	650	4	146	2	127
1050	750	1	136	1	339
1050	850	1	236	0	100
1050	550	3	162	2	138
1050	450	6	175	3	166
1050	350	5	200	3	196
1150	650	2	177	0	279
1150	750	3	169	1	162
1150	850	4	158	2	155
1150	550	2	159	2	149
1150	450	2	292	1	264
1250	650	2	153	2	149
1250	550	2	158	1	216
1250	750	2	128	2	132
1250	850	1	281	0	280
1350	650	1	155	1	156
1350	750	1	176	1	173
1350	850	1	168	1	190
1450	750	1	161	1	160
850	850	7	145	3	150
850	950	4	128	1	131
850	1050	3	137	1	129
850	1150	1	169	1	119
950	950	3	116	1	131
950	1050	1	117	1	130
950	1150	1	211	0	142
1050	950	3	145	1	130
1050	1050	2	140	1	144
1050	1150	1	228	1	201
1150	950	1	143	1	139
1150	1050	1	132	1	128
1250	950	1	156	0	105
950	1250	1	105	0	59
850	1250	0	100	0	330
850	1350	1	161	0	151
750	1250	6	141	4	159
750	1350	1	140	3	141
750	1450	3	103	1	140
750	1150	7	162	5	155
750	1050	14	148	8	153
650	1250	4	144	2	136
650	1350	5	144	2	132
650	1450	3	133	2	137
650	1150	3	148	1	356
650	1050	4	74	3	28
550	1250	3	107	3	126
550	1350	3	88	2	111
550	1450	2	95	1	100
550	1150	8	133	2	168
550	1050	10	140	3	142
450	1250	4	119	4	113

|E| : Intensity(unit; mV/A·100m) of Electiric Field
φ : Azimuth(unit; Degree) of Electiric Field

X (m)	Y (m)	HS-14 |E|	HS-14 ϕ	HS-7 |E|	HS-7 ϕ	X (m)	Y (m)	HS-14 |E|	HS-14 ϕ	HS-7 |E|	HS-7 ϕ	X (m)	Y (m)	HS-14 |E|	HS-14 ϕ	HS-7 |E|	HS-7 ϕ
450	1350	5	112	2	100	225	625	31	63	2	91	375	25	21	240	10	199
450	1150	3	77	1	200	225	675	17	43	3	60	375	75	15	206	13	266
350	1250	4	93	2	106	225	725	44	83	12	101	375	175	23	215	5	120
250	1150	3	130	3	141	225	775	46	314	22	289	375	225	18	166	3	29
750	950	7	257	5	255	275	625	37	52	1	43	375	125	21	249	20	141
750	850	2	40	1	314	275	675	36	31	7	118	425	25	17	245	12	287
650	950	5	186	3	163	275	725	23	46	3	66	425	75	20	219	2	49
650	850	11	152	8	155	275	775	4	285	12	266	425	125	18	206	6	184
575	850	11	154	3	94	-125	375	15	31	39	124	425	175	27	214	6	185
550	950	6	203	4	153	-75	375	18	70	33	100	425	225	44	135	5	118
550	875	9	128	5	218	-25	375	25	25	49	114	525	-25	8	228	7	157
525	825	7	122	2	69	25	375	19	118	35	121	475	25	12	212	10	257
475	950	6	338	7	16	-125	325	17	48	47	136	475	75	12	260	12	132
475	825	21	145	9	145	-75	325	12	68	26	126	475	125	19	188	8	183
475	775	15	185	11	195	0	325	12	53	22	148	475	175	19	197	12	200
425	925	19	164	8	174	-125	275	10	26	30	206	475	225	19	176	14	168
425	875	6	2	3	131	-75	275	4	29	8	230	550	75	10	152	10	104
450	975	5	78	2	164	-25	275	7	7	16	168	550	25	15	253	8	208
450	1050	6	81	4	118	-100	225	8	319	26	128	650	-50	5	227	2	157
375	925	9	23	7	286	-125	175	12	354	99	136	650	50	4	185	3	226
375	975	9	47	8	133	-75	200	5	338	49	153	575	125	19	185	3	156
375	1050	10	37	3	90	-125	125	12	326	126	169	575	175	19	213	4	238
475	875	27	115	9	117	-75	125	10	300	32	244	575	225	31	147	7	95
425	825	17	89	7	116	-25	125	13	323	28	180	675	225	23	259	4	230
375	875	18	116	7	111	25	150	26	336	25	181	750	225	24	258	5	300
375	825	11	98	3	25	-125	75	14	312	71	249	750	50	4	218	2	255
325	925	7	132	9	166	-75	75	12	297	52	141	750	150	6	215	2	170
325	975	8	111	1	94	-25	75	18	323	33	168	850	150	3	262	5	233
325	1025	4	122	6	139	0	200	18	356	27	173	850	250	12	263	7	165
350	1075	4	81	3	130	150	300	27	359	28	151	950	250	9	257	2	262
350	1150	2	73	2	150	-125	25	4	3	64	143	550	-150	7	262	2	302
325	875	16	106	4	164	-75	25	9	323	43	162	450	-150	10	265	4	177
325	825	7	95	2	255	-25	25	8	333	45	163	450	-250	2	275	3	263
275	925	12	125	2	106	-125	-25	9	308	37	220	350	-175	12	248	5	168
275	975	6	115	2	115	-75	-25	10	327	41	182	350	-250	5	257	7	261
275	1050	8	126	2	102	-25	-25	4	254	53	182	225	-125	10	272	2	90
275	875	8	88	1	114	25	-25	14	295	22	210	275	-125	11	265	23	149
275	825	16	115	10	144	25	25	15	316	31	176	350	-125	12	250	8	146
225	925	8	75	1	81	25	75	18	335	29	175	225	-175	7	258	17	189
225	975	5	98	1	137	75	-25	18	286	5	176	275	-175	9	249	19	273
225	1050	5	105	3	129	75	25	16	279	1	182	250	-225	8	253	13	231
225	875	10	91	2	343	75	125	12	302	5	170	250	-275	7	269	9	221
225	825	12	78	9	101	100	175	15	317	5	199	175	-125	9	261	13	156
175	950	8	49	2	149	75	225	16	109	7	270	175	-175	7	262	13	188
175	875	11	46	2	169	150	225	15	335	20	158	175	-225	7	241	21	185
175	825	14	38	10	107	75	300	21	38	16	153	175	-275	8	254	19	211
125	875	9	60	6	173	25	300	23	353	25	157	125	-125	8	274	16	178
125	825	18	344	4	97	75	75	18	303	2	241	125	-175	7	273	13	243
75	850	2	32	3	69	125	-25	15	272	17	191	125	-225	6	276	7	183
-225	650	9	21	22	82	125	25	23	276	20	182	125	-275	6	262	16	264
-175	750	6	249	5	301	125	75	13	289	19	171	150	-325	9	260	19	242
-175	625	14	65	36	132	125	150	16	344	8	201	75	-125	6	276	20	174
-125	625	11	68	8	76	175	-25	18	284	22	177	75	-175	7	275	24	205
-75	625	9	47	27	128	175	25	24	272	9	198	75	-225	7	282	16	213
-75	675	12	10	3	95	175	75	24	255	13	215	75	-275	4	261	44	163
-75	750	6	294	7	356	175	150	12	139	19	172	75	-325	7	241	49	193
-25	625	18	5	5	117	225	-25	14	262	16	229	25	-125	12	295	13	246
-25	675	12	88	7	329	225	25	18	265	17	181	25	-175	10	306	19	171
-25	750	9	353	12	202	225	75	21	266	20	180	25	-225	7	310	20	207
25	625	23	59	4	246	225	125	37	276	19	177	25	-275	2	319	9	291
25	675	24	7	13	99	225	175	9	118	12	162	25	-325	5	275	11	163
25	725	17	43	8	42	225	225	37	292	22	115	-25	-125	3	315	47	225
25	775	15	295	14	283	275	-25	17	235	12	211	-25	-175	9	284	22	230
75	625	23	19	7	205	275	25	18	255	11	160	-25	-225	3	269	22	184
75	675	22	40	12	153	275	75	26	261	9	192	-25	-275	7	309	21	224
75	725	25	45	12	142	275	125	32	246	12	211	-25	-325	1	248	12	270
75	775	15	313	4	273	275	175	33	198	11	171	-75	-125	6	334	46	228
125	625	27	29	5	164	275	225	17	176	19	133	-75	-175	4	284	34	233
125	675	16	53	5	99	325	-25	19	266	7	304	-75	-225	4	296	16	207
125	725	26	73	3	306	325	25	20	247	5	149	-75	-275	5	287	22	204
125	775	3	276	9	210	325	75	19	246	2	351	-125	-125	6	310	35	210
175	625	27	76	3	246	325	125	21	212	16	338	-125	-175	6	314	43	205
175	675	16	69	7	162	325	175	26	248	5	140	-125	-225	3	314	35	209
175	725	33	75	10	136	325	225	20	181	7	137	-175	-125	5	311	66	203
175	775	20	263	17	223	375	-25	15	238	3	56	-175	-175	3	145	59	207

|E| : Intensity(unit; mV/A·100m) of Electiric Field
ϕ : Azimuth(unit; Degree) of Electiric Field

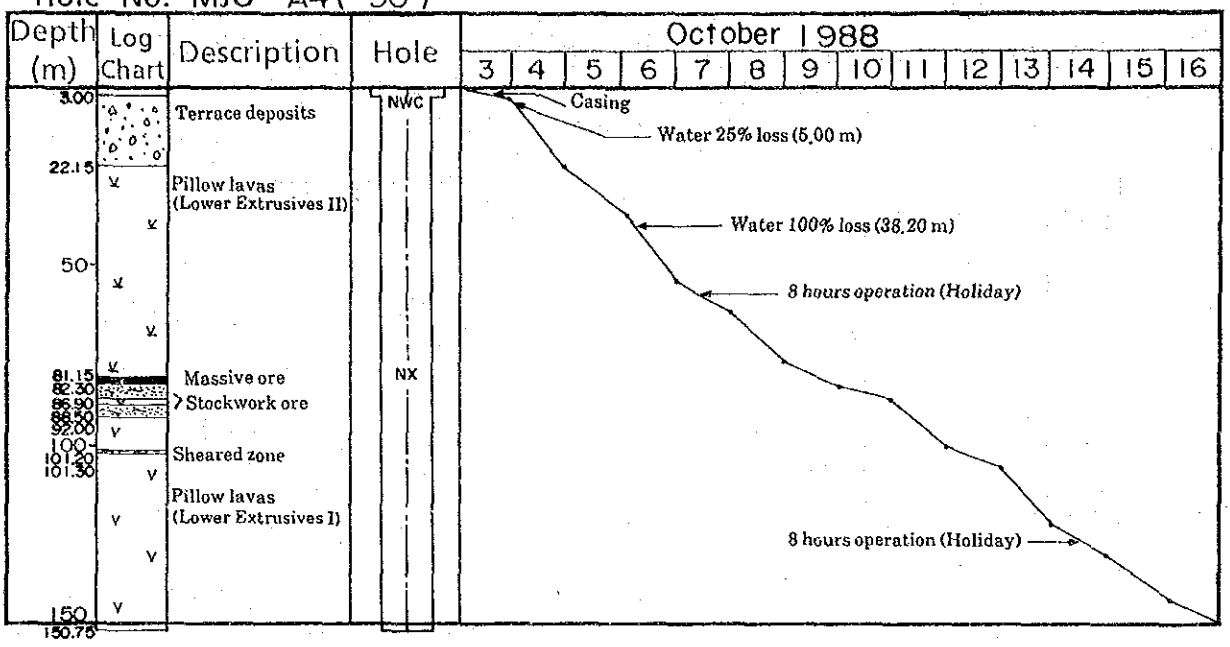
X (m)	Y (m)	HS-14 |E|	HS-14 φ	HS-7 |E|	HS-7 φ
-150	-250	4	274	39	235
-50	-350	1	306	19	241
25	-375	1	248	36	212
50	-450	1	270	20	220
75	-375	2	239	43	244
150	-375	1	95	12	234
150	-450	1	303	4	282
150	-550	0	321	5	212
250	-350	3	277	11	262
250	-450	□	257	8	149
350	-350	2	274	6	258
-250	-250	2	311	37	246
-250	-150	4	338	44	246
-350	-150	5	130	89	265
-225	-75	5	340	109	259
-225	-125	4	319	34	220
-275	-75	3	320	105	247
-350	-50	2	341	212	255
-450	-50	5	276	160	284
825	425	7	171	8	146
725	425	3	155	5	118
775	425	10	174	4	125
850	375	7	169	4	157
850	325	5	195	3	199
-175	475	8	89	6	42
-175	425	13	131	47	124
-175	375	14	313	23	125
-175	325	16	40	22	95
-175	275	14	10	62	145
-175	225	16	337	122	145
-175	175	20	345	151	143
-175	125	13	356	113	173
-175	75	4	349	154	190
-175	25	10	331	90	198
-175	-25	9	322	90	194
-175	-75	6	305	78	207
550	-50	6	206	4	215
475	-75	7	235	7	213
425	-75	6	246	13	279
375	-75	10	220	8	240
325	-75	6	209	3	261
275	-75	13	271	12	182
225	-75	15	272	9	191
175	-75	11	269	17	237
125	-75	12	277	23	205
75	-75	11	288	19	167
25	-75	4	269	20	167
-25	-75	19	304	55	174
-75	-75	13	291	32	186
-125	-75	9	283	23	230
-225	25	11	342	136	169
-225	-25	9	335	113	214
-275	25	6	294	365	183
-275	-25	4	301	398	266
-325	25	10	297	212	249
-325	-25	6	322	418	262
-375	25	13	287	246	281
-225	75	12	0	231	249
-225	125	13	346	315	149
-225	225	8	3	138	128
-225	175	13	324	179	134
-225	275	15	15	85	124
-275	225	10	350	31	342
-275	175	3	347	539	123
-325	225	8	341	107	112
-325	175	6	1	453	95
-375	225	4	336	376	128
-225	325	17	11	28	118
-225	375	9	8	37	105
-275	325	5	12	30	131
-275	275	8	8	164	123
-275	375	4	38	57	113
-325	325	5	41	55	134
-325	275	6	349	75	24
-325	375	7	343	64	110
-375	325	6	4	41	76
-375	275	4	2	79	114
-375	375	9	287	15	313
-225	425	22	344	23	71
-225	475	8	321	14	137
-275	425	4	330	16	113
-275	475	8	330	24	124
-275	550	8	19	20	97
-325	450	4	307	22	129
-225	550	8	154	15	108
-275	650	9	316	11	12
-350	650	3	33	32	106
-350	550	9	342	10	79
-375	450	7	123	83	137
-450	550	2	3	18	143
-450	450	8	1	38	83
-550	450	0	4	31	49
-475	350	5	50	40	90
-425	350	5	232	43	161
-550	350	4	5	43	46
-650	350	1	95	42	21
-475	275	4	6	47	97
-425	275	5	161	42	103
-475	225	4	25	90	96
-425	225	7	174	220	23
-525	250	8	8	108	39
-575	250	1	73	99	4
-650	250	1	343	33	31
-750	250	0	34	28	33
-475	175	8	339	299	358
-425	175	1	65	300	95
-375	175	10	121	168	23
-475	125	4	52	376	57
-550	150	3	66	197	16
-650	150	4	86	82	0
-425	125	3	316	284	52
-375	125	1	332	431	82
-325	125	6	81	411	127
-275	125	1	135	286	154
-425	75	2	37	146	13
-375	75	0	56	2	0
-325	75	1	327	261	192
-275	75	0	286	413	189
-450	50	3	187	89	349
-550	50	6	320	194	354
125	950	8	59	8	140
150	1100	6	34	2	76
50	950	6	39	0	304
25	850	5	36	9	142
-50	950	4	70	13	125
-50	850	3	56	4	299
-150	850	4	28	7	145
-250	750	3	144	16	139
675	425	5	204	1	268
425	-25	11	258	15	117
-75	475	3	293	19	116
-125	425	3	19	24	159
-125	475	12	359	41	125

X (m)	Y (m)	HS-14 |E|	HS-14 φ	HS-7 |E|	HS-7 φ

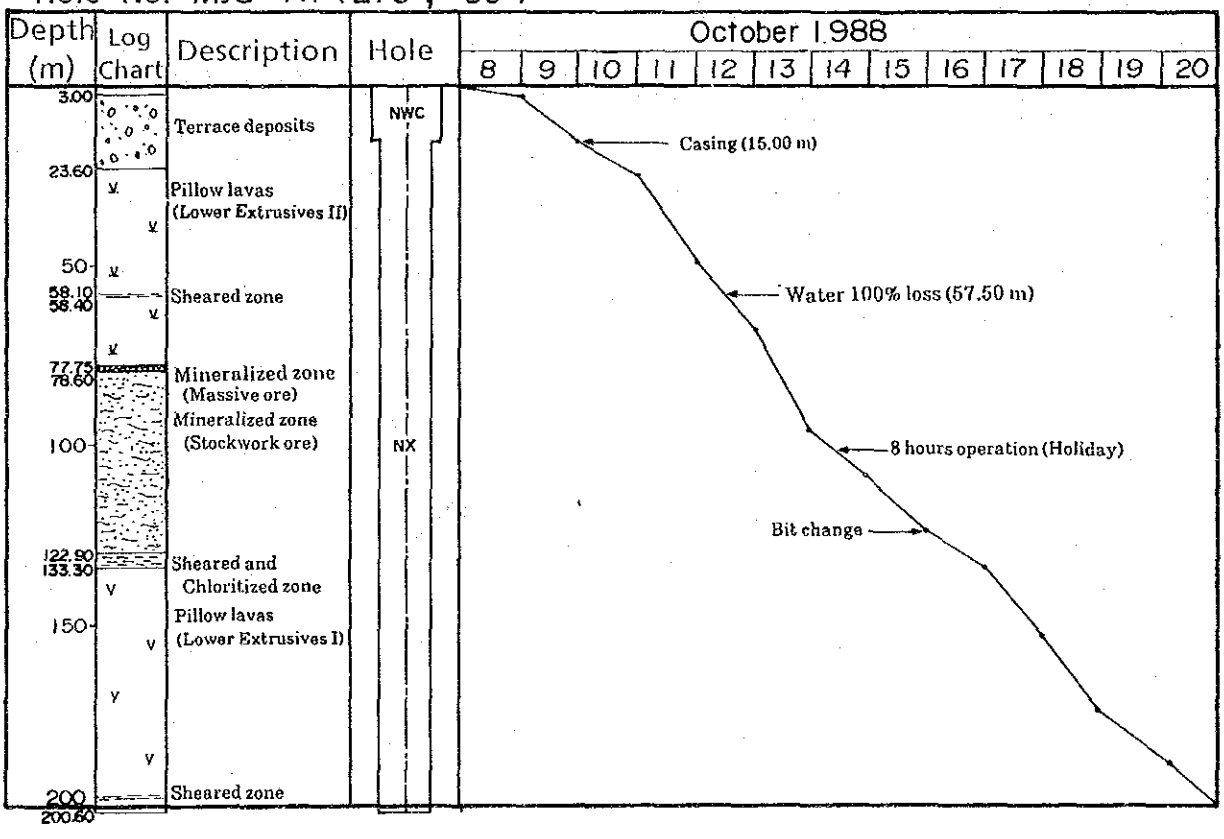
|E| : Intensity (unit; mV/A·100m) of Electiric Field
φ : Azimuth (unit; Degree) of Electiric Field

Appendix 3 Progress of Each Drill Hole in Area A

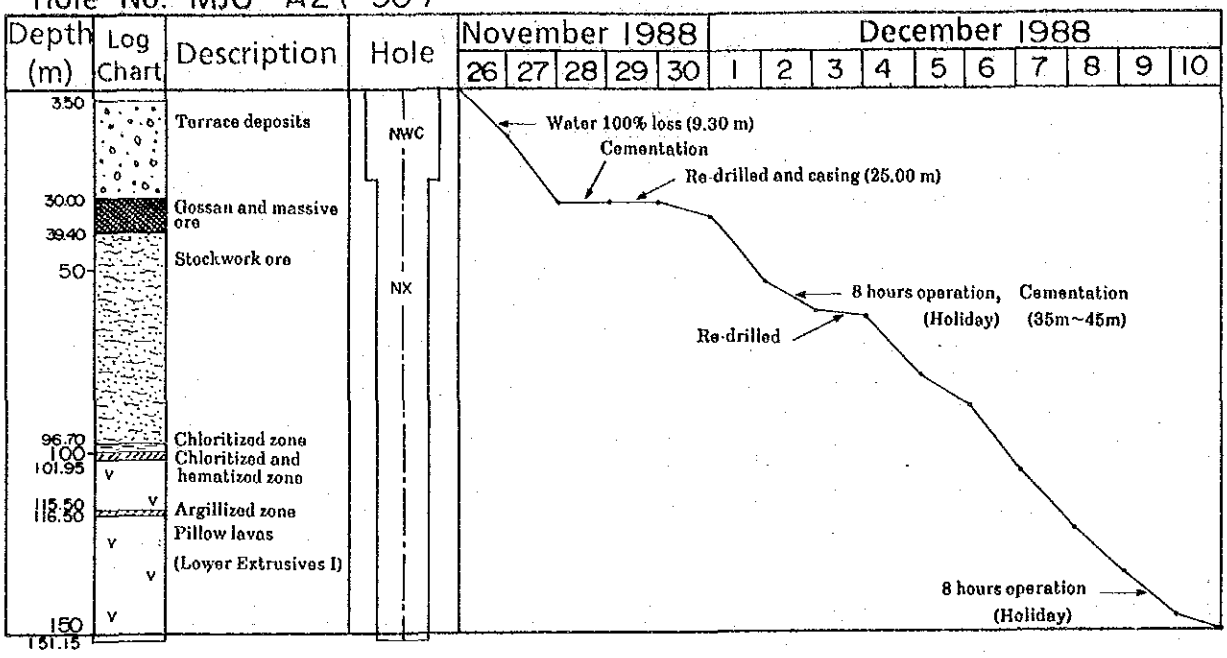
Hole No. MJO-A4 (-90°)



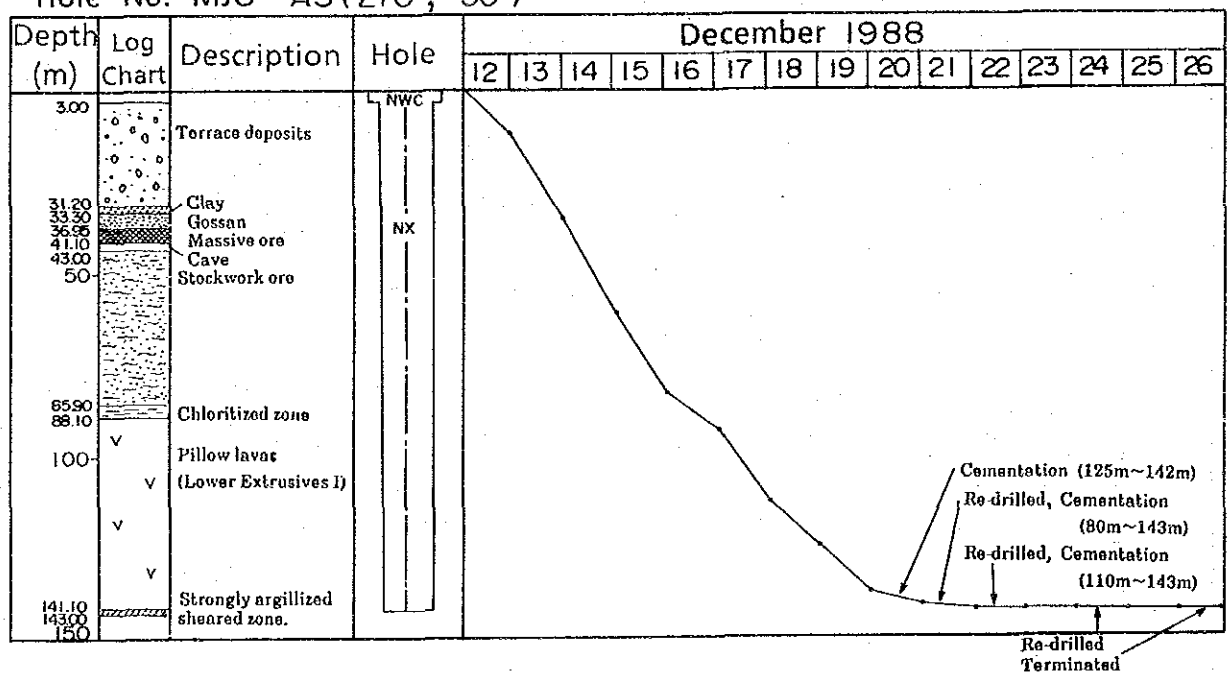
Hole No. MJO-A1 (270°, -50°)



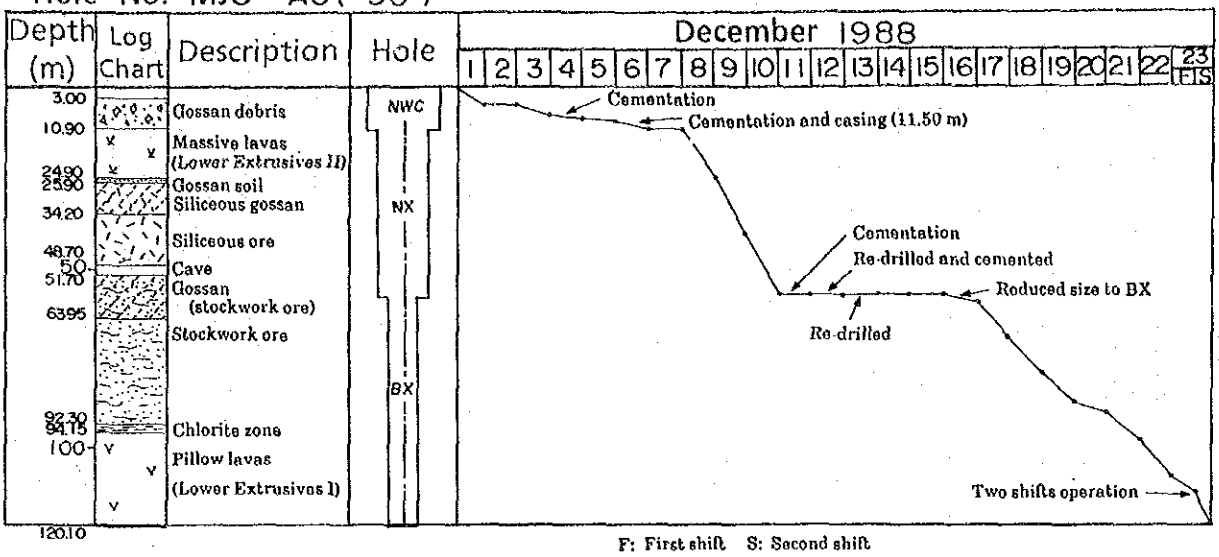
Hole No. MJO - A2 (-90°)



Hole No. MJO - A3 (270°, -50°)

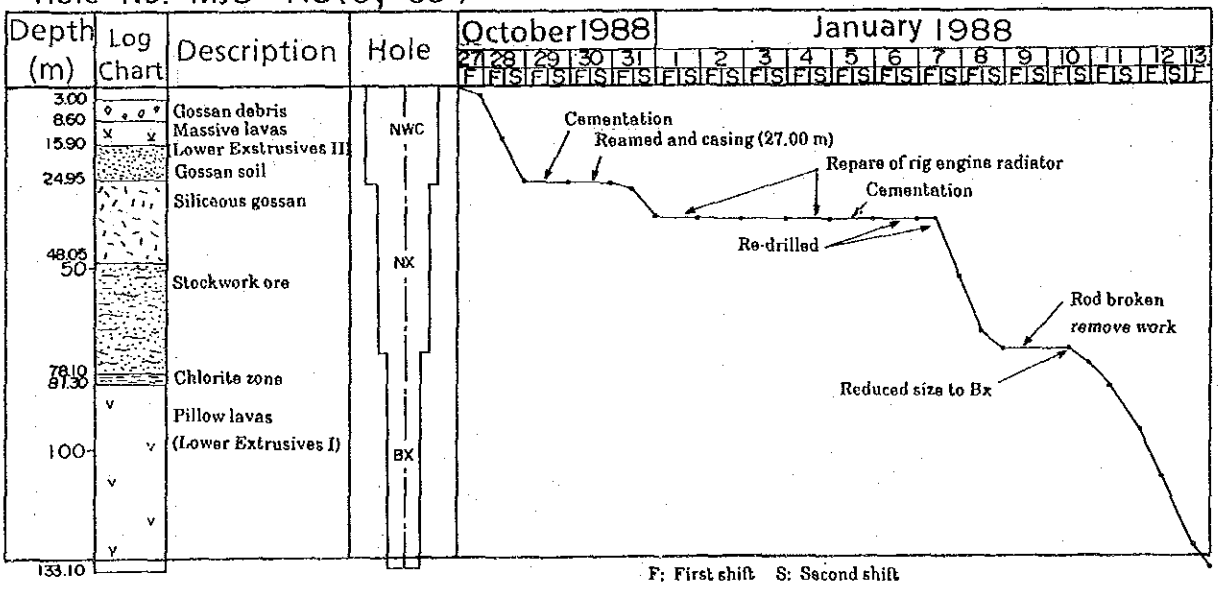


Hole No. MJO - A5 (-90°)



F: First shift S: Second shift

Hole No. MJO - A6 (0°, -50°)



F: First shift S: Second shift

Appendix 4 Geologic Core Log for Drill Holesin Area A

Hole No. MJO - A 1 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
		Casing. No recovery.								
3.00		Terrace deposits. Gravel and sand Rounded to subrounded Pebble to granule in size.								
10		Locally cemented with calcite.								
		Completely cemented with calcite.								
20										
23.60		Light brownish green brecciated Poillow lava. Fractures filled with hematite and calcite. Weakly weathered.								
27.40		Light green pillow breccia. Hematite dominant in matrix.								
28.60		Light brownish green pillow lava weakly brecciated. Vesicles filled with calcite.								
30	Cal.									
	Cal-epi									
		34.70~35.00 Sheared zone with calcite, hematite and clay								
	Cal									
		38.40~39.40 Dominant hematite zone								
	Cal									
39.40		Green chloritized massieve lava with calcite stringers.								
40										
43.15		Green~dark green chloritized pillow breccia with dominant hematite in matrix.								
45.70		Dark green and light green pillow lava. Chloritized. 47.60~48.70 Brecciated								
50										

Hole No. MJO-A1 (From 50.00 m to 100.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
58.10	Qtz-col.	Sheared zone with quartz and hematite veinlets. Chloritized.	
58.40	Zeo.		
60		Dark green chloritized pillow lava. 58.70 Sheared 3 cm 58.90 Sheared 2 cm 62.10~70.00 Green in color	
70		Dark green~dark brownish green brecciated strongly chloritized pillow lava. Hematite in matrix and along fractures.	
76.70		Light yellowish green brecciated strongly argillized pillow lava. Hematite-clay zone. Massive sulfide zone.	Pyrite≫chalcopyrite massive ore with angular hematite and silicified rocks fragment. Stockwork ore. Sulfide 30~80 Vol. % in strongly silicified rocks.
77.60			
77.75			
78.60		Stockwork zone with sulfides. Fragment : strongly silicified.	
80			
85.30		Light green strongly silicified and brecciated zone with stockwork mineralization. Argillized in part.	Pyrite>chalcopyrite with quartz veinlets and disseminations. Stockwork zone. Minor hematite fragment in places.
90		90.50~90.70 Clay zone	
100			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
77.75	0.85	2.0	2.6	1.08	<0.01	0.06
78.60	2.00	2.2	5.1	0.68	<0.01	0.07
80.60	2.00	1.9	8.0	0.64	<0.01	0.29
82.60	2.00	1.1	8.5	0.76	<0.01	0.50
84.60	2.00	1.0	3.1	0.33	<0.01	0.27
86.60	2.00	0.1	0.7	0.40	<0.01	0.06
88.60	2.00	Tr	1.1	0.53	<0.01	0.40
90.60	2.00	0.1	1.2	0.90	<0.01	0.27
92.60	2.00	Tr	Tr	0.89	<0.01	0.15
94.60	2.00	Tr	Tr	0.69	<0.01	0.13
96.60	2.00	Tr	Tr	0.36	<0.01	0.18
98.60	2.00	Tr	Tr	0.38	<0.01	0.10

Hole No. MJO－A1 (From 100.00 m to 150.00 m)

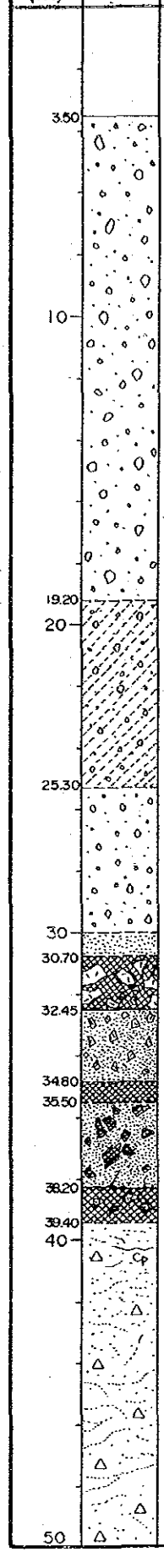
Depth (m)	Chart	Lithology and Alteration	Mineralization
110			
120			
125.00		125.00~125.15 Dark brown brecciated clay zone	
125.15			
126.60		126.60~127.20 Brecciated strongly chloritized zone.	126.00~127.20 Pyrite disseminations
127.20			
129.90		Sheared zone with hematite, chlorite and gray clay.	
130			
130.15		Strongly chloritized phyllitic zone.	Pyrite disseminations.
132.30			132.30~133.20 Siliceous stockwork ore
133.20			
133.30		Dark green chloritized, weakly brecciated pillow lava.	Quartz-hematite stringers No sulfide minerals.
136.70		Light green aphanitic pillow lava. Weakly chloritized. Fractures filled with hematite and calcite.	
139.70			
140		Same as 133.30~136.70 Hematite in fractures	Calcite-quartz stringers.
149.20		Dark brownish green pillow lava and pillow breccia. Hematite and chlorite.	Calcite stringers.
150			

Depth (m)	D.L. (m)	Au (g/t)	Au (g/t)	Cu (%)	Pb (%)	Zn (%)
100.60						
	2.00	Tr	Tr	0.51	<0.01	0.11
102.60						
	2.00	Tr	Tr	0.66	<0.01	0.14
104.60						
	2.00	Tr	0.3	0.36	<0.01	0.18
106.60						
	2.00	Tr	Tr	0.41	<0.01	0.16
108.60						
	2.00	0.8	1.6	0.52	<0.01	0.30
110.60						
	2.00	0.2	4.1	0.29	<0.01	0.68
112.60						
	2.00	0.9	2.3	0.51	<0.01	0.66
114.60						
	2.00	0.6	3.1	1.38	<0.01	0.69
116.60						
	2.00	0.3	3.3	0.37	<0.01	1.20
118.60						
	2.00	0.3	1.6	0.41	<0.01	0.14
120.60						
	2.00	0.1	1.8	0.64	<0.01	0.21
122.60						
	2.00	0.5	1.7	0.75	<0.01	0.56
124.60						
	2.00	0.6	3.5	0.69	<0.01	0.73
126.60						
	2.00	1.1	3.0	0.63	<0.01	1.36
128.60						
	1.55	0.8	4.3	1.00	<0.01	1.08
130.15						
132.30	0.90	1.9	3.2	0.49	<0.01	0.95
133.20						

Hole No. MJO－A 1 (From 150.00 m to 200.60 m)

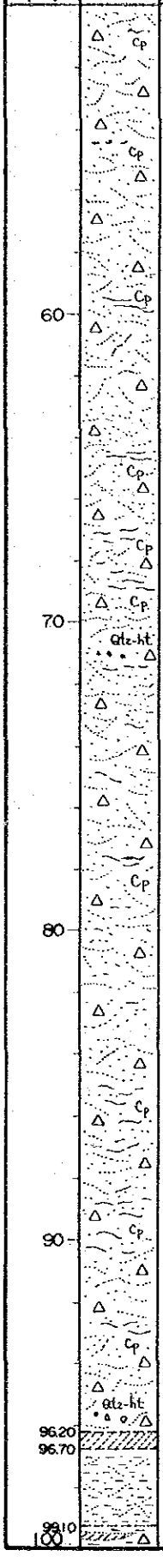
Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
155.70		Gray clay zone								
155.75		Light green (fragment) and reddish-brown (matrix) brecciated pillow lava. Chloritized, hematized and weakly sheared.								
160										
161.60		Light green weakly chloritized pillow lava. Fractures and matrix filled with hematite.								
170										
180										
182.80		Green chloritized and weakly brecciated pillow lava. Fractures filled with hematite								
		185.40~185.70 Weakly sheared								
187.00		Dark green strongly chloritized pillow lava. Fractures filled with hematite. Vesicles filled with chlorite and zeolites.								
190										
		196.70~197.30 Sheared and brecciated zone Chloritized and argillized								
		198.20~198.50 Brecciated zone								
200		200.60 End of hole								
200.60										

Hole No. MJO－A2 (From 0.00 m to 50.00 m)



Depth (m)	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
	Casing. No recovery.								
3.50	Gravel and sand (terrace deposits) Gravel : gabbro dominant (boulder to pebble)								
19.20	Gravel and sand. Gravel : gabbro dominant Cemented with calcite.								
25.30	Gravel and sand. Cemented with calcite in part								
30	Reddish brown gossan soil.	Mostly hematite	30.00	2.00	1.5	8.4	0.55	<0.01	0.04
30.70	Siliceous ore. Intensely silicified and brecciated rock.	Matrix : coarse-grained pyrite with minor cholcopyrite and hematite.	32.00	2.00	2.9	7.7	1.13	<0.01	0.03
32.45	Reddish-brown weathered ore zone.	Hematite and gathite with angular siliceous fragments.	34.00	1.50	2.0	8.8	0.17	<0.01	0.02
34.80	Massive ore zone.		35.50	2.00	1.1	4.3	0.42	<0.01	0.02
35.50	Weathered massive ore zone.	Massive sulfide and hematite-gathite with minor siliceous fragments.	37.50	1.90	2.5	10.5	1.11	0.01	0.07
38.20	More sulfides.		39.40	2.00	1.2	11.0	0.77	<0.01	0.38
39.40	Strongly silicified and brecciated zone with sulfide mineralization (stockwork ore).	Pyrite > chalcopyrite stringers, spots and disseminations Quartz veinlet network and brecciated quartz fragments. Fractures filled with quartz.	41.40	2.00	0.6	4.0	0.33	<0.01	0.28
	39.40~81.5 Matrix of breccia filled with hematite in places		43.40	2.00	Tr	Tr	0.24	<0.01	0.29
			45.40	2.00	0.7	3.5	0.25	<0.01	0.21
			47.40	2.00	0.7	2.0	0.63	<0.01	0.21
50			49.40						

Hole No. MJO-A2 (From 50.00 m to 100.00 m)



Lithology and Alteration

50.40~62.30
Hematite dominant in matrix

Light green clay zone.

Dark green strongly chloritized rock.

Mixture of chloritized and hematized zones.

Mineralization

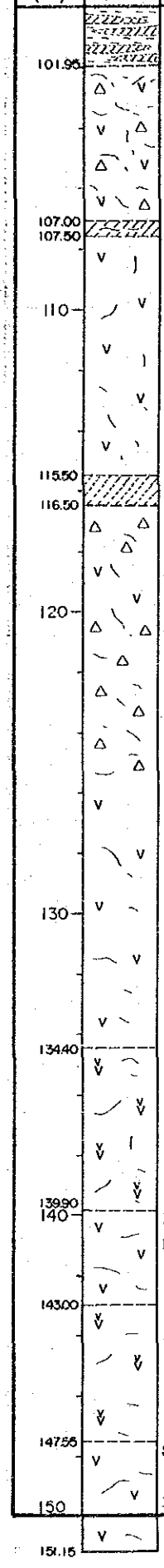
51.70 Sphalerite in spots

Pyrite diss eminations

Pirite stringers and disseminations.

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
51.40	2.00	0.5	1.8	1.03	<0.01	0.06
53.40	2.00	Tr	Tr	1.09	<0.01	0.13
55.40	2.00	0.2	1.0	1.36	<0.01	0.18
57.40	2.00	0.4	0.7	0.72	<0.01	0.09
59.40	2.00	0.4	1.8	2.12	<0.01	0.14
61.40	2.00	0.1	1.3	0.97	<0.01	0.09
63.40	2.00	0.2	1.5	0.77	<0.01	0.26
65.40	2.00	0.2	2.0	0.67	<0.01	0.35
67.40	2.00	0.1	1.5	0.60	<0.01	0.18
69.40	2.00	0.3	1.2	0.77	<0.01	0.28
71.40	2.00	0.1	1.5	0.46	<0.01	0.15
73.40	2.00	Tr	Tr	0.33	<0.01	0.11
75.40	2.00	0.2	0.9	0.38	<0.01	0.07
77.40	2.00	Tr	Tr	0.35	<0.01	0.05
79.40	2.00	0.2	0.6	0.56	<0.01	0.20
81.40	2.00	0.3	0.6	0.40	<0.01	0.06
83.40	2.00	Tr	Tr	0.42	<0.01	0.08
85.40	2.00	0.5	2.1	0.76	<0.01	0.19
87.40	2.00	0.6	3.6	4.92	<0.01	0.33
89.40	2.00	0.3	2.6	1.08	<0.01	0.50
91.40	2.00	0.3	1.8	0.71	<0.01	0.65
93.40	2.00	0.2	1.8	1.15	<0.01	0.43
95.40	2.00	Tr	Tr	0.24	<0.01	0.17
96.20	0.80	Tr	Tr	0.08	<0.01	0.10

Hole No. MJO-A2 (From 100.00 m to 151.15 m)



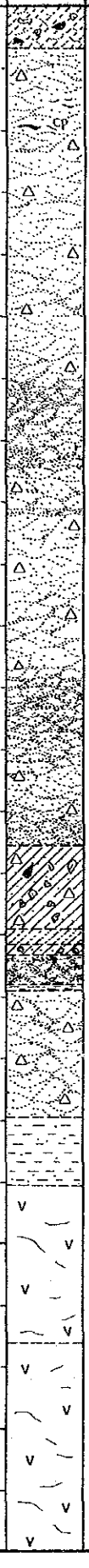
Depth (m)	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
101.95	Light green~green strongly chloritized and brecciated pillow lava. Minor hematite in places. Quartz in matrix and stringers.								
107.00	Reddish brown hematite zone with quartz stringers.								
107.50	Green chloritized and weakly brecciated pillow lava. with quartz stringers. Hematite in matrix.								
115.50	Light green argillized zone.								
116.50	Dark green~dark brown hematized and chloritized pillow lava to pillow breccia with quartz stringers. 116.50~117.90 Strongly brecciated zone 120.00~125.30 Pillow breccia strongly hematized								
134.40	Green chloritized doleritic massive lava. Hematite and quartz stringers and veinlets.								
139.90	Dark green~dark brown chloritized pillow lava with quartz stringers.								
143.00	Green massive lava with quartz and calcite stringers. Vesicles filled with calcite.								
147.55	Same as 139.90~143.00								
150	151.15 End of hole								
151.15									

Hole No. MJO - A3 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
		Casing. No recovery	
3.00		Terrace deposits. Gravel and sand. Gabbro boulder dominant.	
7.20		Gravel and sand. Locally cemented with calcite. Mostly cobble to granule in size	
10			
13.25		Gravel and sand. Cemented with calcite. Gabbro boulder in places.	
20			
30			
31.20		Clay zone. Light yellowish gray and locally reddish brown.	
33.30		Dark reddish brown gossan soil.	
34.30		Red siliceous gossan with hematite.	Brecciated with siliceous fragment.
35.00		Reddish brown gossan, possible massive ore	36.20~36.40 Fine-grained massive ore
36.95		Massive ore.	36.95~37.60 Pirite ≫ chalcopyrite brecciated. Fine-grained.
37.60		Brecciated zone with siliceous fragments.	37.90~41.10 Pyrite > chalcopyrite. Fine grained.
37.90		Brecciated massive ore. Lower part: siliceous fragments	
40			
41.10		Cave. No recovery	
43.00		Gray brecciated clay zone.	Pyrite disseminations.
43.70		Light argillized, brecciated zone. Silicified in part. Hematite in matrix locally.	Pyrite disseminations. Chalcopyrite·pyrite fragments in matrix.
		46.40~47.00 Strongly argillized and brecciated	
49.70			
50			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
36.20	1.70	5.2	18.2	1.89	0.01	0.06
37.90	1.60	1.8	20.3	9.44	0.01	0.03
39.50	1.60	1.1	17.1	12.44	<0.01	0.05
41.10						
43.00	2.00	1.0	8.1	2.37	<0.01	0.04
45.00	2.00	0.3	8.5	2.24	<0.01	0.04
47.00	2.00	0.9	11.1	2.80	0.01	0.04
49.00	2.00	2.4	12.1	2.43	<0.01	0.04

Hole No. MJO-A3 (From 50.00m to 100.00m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
51.35		Light gray argillized and hematized zone with siliceous and sulfides fragments.	Sulfide fragment: Pyrite Sulfides: 35 vol%
		Light green silicified and brecciated zone with mineralization. Locally argillized. Quartz-hematite fragments in places.	Chalcopyrite-pyrite quartz stockwork zone 53.00 Bornite-chalcopyrite spots 52.60~53.80 Chalcopyrite rich Pyrite: 20 vol% Chalcopyrite: 6 vol%
60			62.10~64.00 Sulfides (pyrite): 50 vol%
			66.10~66.30 Sulfides (pyrite): 70 vol%
70			71.60~74.40 Sulfides (pyrite): 50~60 vol%
77.10		reddish brown strongly hematized and brecciated zone with sulfides and siliceous fragments. Matrix: Mostly hematite 79.80~80.30 Hematitic clay	76.10~77.10 Sulfides (pyrite and chalcopyrite): 75 vol%
80 80.60		Light green brecciated and strongly silicified zone. Lower part: Strongly brecciated and weakly chloritized 81.60~81.80 Strongly chloritized zone	80.60~81.40 Sulfides (pyrite): 60 vol% 81.60~81.80 Pyrite disseminations
85.90		Sttrongly chloritized zone with hematite bands. Dark green	Weak pyrite disseminations
88.10		Light green~green pillow lavas chloritized with quartz-hematite veinlets and calcite stringers weakly brecciated. Variole like texture visible.	
90			
93.20		Dark green and dark brown weakly brecciated pillow lavas chloritized. Variole-like texture visible. Hematite in fracture and calcite stringers.	
100			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
51.00						
	2.00	1.1	17.4	3.39	<0.01	0.05
53.00						
	2.00	0.4	10.6	3.04	<0.01	0.06
55.00						
	2.00	0.5	8.9	1.69	<0.01	0.05
57.00						
	2.00	0.3	4.9	1.58	<0.01	0.06
59.00						
	2.00	0.5	6.5	1.26	<0.01	0.14
61.00						
	2.00	0.4	8.5	0.33	<0.01	0.21
63.00						
	2.00	0.2	8.8	3.26	<0.01	0.09
65.00						
	2.00	0.8	8.6	2.97	<0.01	0.08
67.00						
	2.00	0.6	5.6	1.61	<0.01	0.12
69.00						
	2.00	0.3	4.8	1.75	<0.01	0.19
71.00						
	2.00	0.4	6.0	1.00	<0.01	0.42
73.00						
	2.00	2.1	7.7	1.14	<0.01	0.79
75.00						
	2.10	1.0	20.7	4.37	0.01	0.18
77.10						
	1.80	2.4	12.4	0.43	<0.01	0.02
78.90						
	1.70	2.8	4.4	0.82	<0.01	0.01
80.60						
	2.00	0.7	11.5	1.98	0.01	0.29
82.60						
	2.00	1.0	3.4	0.65	<0.01	0.11
84.60						
	1.30	0.7	4.8	0.34	<0.01	0.14
85.90						

Hole No. MJO-A3 (From 100.00 m to 143.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
107.80		Light green chloritized pillow lavas. Hematite in matrix and fractures. Calcite stringers variole-like texture in places.								
110										
120										
122.10		Strongly argillized sheared zone.								
122.50		Light green and locally dark green pillow lavas. Hematite dominant in fractures variole-like texture visible.								
130										
140		141.10~141.70 Strongly argillized sheared zone. 141.70~143.00 Weakly argillized. 142.70~142.80 Sheared and fractured.								
141.10										
141.70										
143.00		143.00 m End of hole								
150										

Hole No. MJO－A4 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
		Casing. No recovery.								
3.00		Gravel and sand (terrace deposits) Gravel : peridotite > gabbro Matrix : sand and calcite.								
10										
16.20		Terrace deposits. Rounded to subangular pebble to granule. Matrix : completely cemented with calcite								
20										
22.15	Ht	Dark green medium-grained basaltic massive lava with epidote. Calcite-hematite stringers. Bottom : argillized and brecciated								
25.30		Light brownish-green argillized and weathered pillow lava. Weakly brecciated.								
29.10										
30	Cal-ht	Light green～green pillow lava with closely packed pillows. Zeolite and epidote spots and in vesicles. Weakly weathered								
40	Zeo									
45.20	Cal	Dark bluish-green weakly chloritized and brecciated pillow lava 40.60～40.80 Sheared zone with calcite 49.85～50.05 Hyaloclastite with dominant hematite								
50										

Hole No. MJO－A4 (From 50.00 m to 100.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
50.05			
59.00		Light bluish-green chloritized pillow breccia. Vesicles filled with zeolite. Calcite stringers.	
60		60.80~60.85 Sheared zone with chlorite, calcite	
62.10		Light green weakly chloritized and weakly brecciated pillow lava. (same as 45.20~59.00)	
69.80			
70		Dark green weakly brecciated and strongly chloritized pillow lava. Upper part : brecciated Lower part : comparatively massive Quartz, hematite and zeolites stringers. Vesicles filled with zeolites. Bottom part : weakly argillized	
			80.75~81.15 Pyrite in gray clay with hematite
80			81.15~82.20 Massive medium to fine-grained pyrite＞chalcopyrite zone with minor clay
80.75		Pyrite-clay zone.	
81.15		Massive ore.	
82.30		Siliceous ore	
82.50		Pyrite-clay zone	
82.80		Silicious ore	
83.20		Stockwork zone: Green~light green brecciated and weakly silicified zone (pillow lava)	82.30~82.50 Dense pyrite and chalco pyrite in siliceous fragment
			82.50~82.80 Dense pyrite dissemination in gray clay sheared.
86.90		Poor mineralized zone.	
88.50		Same as 83.20~86.90.	82.50~83.20 Same as 82.30~82.50
90			83.20~86.90 and 88.50~92.00 Pyrite ＞chalcopyrite stockwork zone with quartz-hematite
92.00		Green~light green brecciated Chloritized and weakly silicified pillow lava.	92.00~95.30 Pyrite disseminations
95.30		Brownish-green weakly chloritized and brecciated pillow lava with hematite in matrix.	No sulfide minerals.
		96.70~96.80 Quartz and clay zone.	98.50~101.20 Very weak pyrite disseminations
100			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
80.75	1.55	1.2	4.5	3.24	0.01	0.34
82.30	0.90	2.2	11.6	3.81	<0.01	0.54
83.20	1.80	0.1	2.6	0.60	<0.01	0.55
85.00	1.90	0.4	5.8	1.67	<0.01	0.27
86.90						
88.50	1.80	0.2	5.2	1.19	<0.01	0.28
90.30	1.70	0.1	2.8	1.17	<0.01	0.09
92.00						

Hole No. MJO-A4 (From 100.00 m to 150.75 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
101.20		Strongly chloritized sheared and argillized zone.								
101.60										
	Qtz-cal-ht	Dark green chloritized and weakly silicified pillow lava. Weakly brecciated. Many quartz, calcite and hematite vein to stringers. Hematite in matrix.								
	Cal									
	Cal-ht									
110										
	Cal									
	Qtz-ht									
120										
122.40		Strongly chloritized sheared and argillized zone.								
122.60										
		Dark green~green chloritized and weakly silicitied pillow lava. Weakly brecciated.								
	Qtz-cal-ht	Calcite-quartz with minor hematite veins, veinlets and stringers.								
130										
	Qtz-ht									
	Qtz-ht									
		136.60~126.90 Hematite dominant zone in matrix								
140										
		145.90 Hematite-quartz vein 4 cm								
150		150.75 End of hole								
150.75										

Hole No. MJO-A5 (From 0.00m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
		Casing. No recovery.	
3.00		Gossan debris (Overburden)	
10			
10.90		Light green doleritic massive lavas. Weakly brecciated locally. Hematite band and in fractures. Calcite stringers.	
		19.90~20.80 Weathered	
20			
20.80		Light green argillized and chloritized pillow lavas. Weakly sheared and weathered.	Weak pyrite disseminations.
		23.00~24.90 Strongly argillized and weathered	
24.90		Reddish brown gossan soil. Hematite, limonite and clay.	
25.90		Siliceous gossan. Brecciated siliceous fragments with grey clay. Cemented with hematite. Dominant limonite and hematite.	
30			
34.20		Light green~white strongly brecciated, silicified and argillized zone. Quartz stringers and fragments. Hematite dominant in matrix. Weakly weathered.	Pyrite disseminations. Pyrite and chalcopyrite disseminated breccia.
40			
		43.30~44.30 Strongly brecciated and argillized zone	
48.70		Massive sulfides with siliceous fragments.	Pyrite > Chalcopyrite
50			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
34.20						
	2.00	0.3	3.7	0.78	<0.01	0.01
36.20						
	2.00	0.4	1.4	0.68	<0.01	<0.01
38.20						
	2.00	0.3	1.6	0.51	<0.01	0.06
40.20						
	2.00	2.2	1.8	0.19	<0.01	0.35
42.20						
	2.00	Tr	Tr	0.83	<0.01	0.19
44.20						
	2.00	1.9	2.6	2.23	<0.01	0.01
46.20						
	2.50	1.8	6.9	5.37	<0.01	0.01
48.70						
	1.50	1.8	14.1	10.53	<0.01	0.06

Hole No. MJO－A5 (From 50.00m to 100.00m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
51.70		White strongly brecciated siliceous zone with quartz-hematite veins and stringers. Weakly weathered.	Pyrite disseminations. Quartz-pyrite veins
53.40		Cave	
56.70		Brecciated silicified zone Weathered. Hematite and limonite in matrix.	Siliceous gossan. Pyrite disseminations and veins.
60			
63.95		Strongly silicified brecciated zone. Quartz-hematite breccia in places.	Pyrite disseminations and breccia. (Stockwork ore zone) Sulfides: 15~35 vol%
70	Qtz-ht		70.00~73.50 Sulfides (pyrite): 30~60 vol%
80	Qtz-ht		
83.90		Dark green strongly brecciated and chloritized zone.	Pyrite disseminations and stringers.
84.90		Same as 63.95~83.90	
88.70		Light green strongly silicified and brecciated volcanics.	Pyrite disseminations. Pyrite-chalcopyrite-quartz boxwork.
90			
92.30		Dark brown (upper) and dark green (lower) hematized and chloritized zone with quartz stringers.	
94.15		Dark green chloritized pillow lavas with quartz-hematite and calcite stringers.	
98.70			
100			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
50.20						
	1.50	1.3	8.9	9.56	<0.01	0.04
51.70						
	1.70	1.5	4.6	2.08	<0.01	0.02
53.40						
56.70						
	3.50	0.8	1.1	0.29	<0.01	0.01
60.20						
	3.75	1.6	4.5	0.64	<0.01	0.01
63.95						
	2.05	1.1	17.0	3.06	<0.01	0.01
66.00						
	2.00	1.4	37.2	3.90	0.01	0.04
68.00						
	2.00	0.6	12.9	0.98	<0.01	0.03
70.00						
	2.00	1.5	10.0	0.36	<0.01	0.06
72.00						
	2.00	2.2	11.8	0.79	0.01	0.05
74.00						
	2.00	2.9	16.1	0.65	<0.01	0.12
76.00						
	2.00	0.4	2.6	0.44	<0.01	0.09
78.00						
	2.00	0.3	2.2	0.16	<0.01	0.08
80.00						
	2.00	0.1	2.0	0.98	<0.01	0.48
82.00						
	2.00	0.4	3.3	0.13	<0.01	0.67
84.00						
	2.00	0.2	3.1	0.66	<0.01	0.53
86.00						
	2.00	0.4	4.5	0.68	<0.01	0.99
88.00						
	2.00	0.4	1.6	0.31	<0.01	0.43
90.00						
	2.30	0.4	0.8	0.10	<0.01	0.07
92.30						

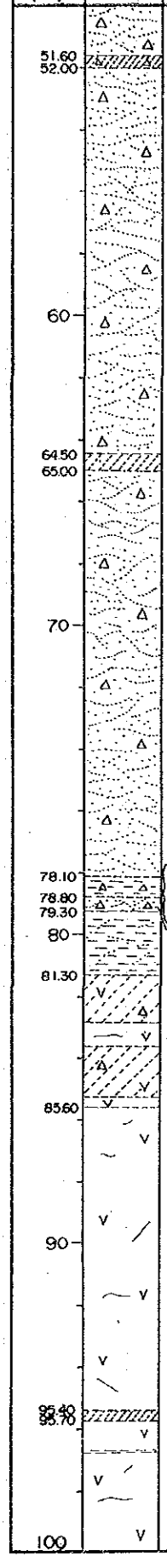
Hole No. MJO-A5 (From 100.00m to 120.10m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
		Light green~green massive lavas with quartz-calcite stringers and veinlets.								
		101.00, 102.80 Quartz-calcite veinlets								
		103.40~104.20 Pillow lavas weakly brecciated								
		107.25, 108.40 Quartz-calcite veinlets								
110										
110.70 111.00		Green argillized, chloritized and brecciated zone with hematite in matrix.								
		Green~brownish green weakly chloritized pillow lavas. Hematite in fractures and matrix. Variole-like structure in part.								
		118.60~118.75 Strongly chloritized								
120										
120.10		120.10 m End of hole								

Hole No. MJO-A6 (From 0.00 m to 50.00m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
		Casing. No recovery.								
3.00		Gossan debris. (Overburden)								
8.60		Green~yellowish green doleritic massive lavas. Weathered and argillized.								
10		10.80 Hematite-calcite vein.								
11.20		10.60~11.20 Hematized.								
12.60		11.20~12.60 Strongly argillized, chloritized and sheared.								
15.90										
20										
24.95		Brecciated siliceous gossan.	Limonite and hematite.							
25.50										
26.00		Many cavities. Poor core recovery. 25.50~26.00 Cave.								
30										
36.70		Light brown and dark brown gossan soil with angular siliceous breccia.	Limonite and goethite							
37.70		Brecciated siliceous gossan. Many cavities	Limonite.							
39.20		39.20~40.70 Cave.								
40										
40.70										
43.10		Light brown gossan soil with siliceous breccia.	Goethite and limonite.							
45.30		Dark brown~reddish brown silicified, brecciated gossan.	Limonite and hematite.							
48.05		Strongly silicified, chloritized and brecciated zone. (stockwork ore)	Pyrite disseminations and veinlets. Pyrite: 10 vol.%							
50										

Hole No. MJO－A6 (From 50.00m to 100.00m)



Depth (m)	Lithology and Alteration	Mineralization
51.60–52.00	Gray brecciated and strongly argillized zone.	
52.00–	Light green silicified, chloritized and brecciated zone. (Stockwork ore) Hematite in matrix.	Pyrite disseminations. Pyrite-chalcopyrite disseminated breccia. Pyrite: 6~7 vol.%
54.50~57.10	Hematite dominant in matrix.	
64.50~65.00	Argillized zone.	
72.65	Reduced the size to BX.	
78.10–	Dark green strongly chloritized and brecciated zone with quartz and hematite breccia.	Pyrite disseminations.
78.80–79.30	Silicified stockwork ore.	Pyrite disseminations and stringers.
81.30–	Dark reddish brown strongly hematized volcanics.	
81.30~82.80 and 83.60~85.30	Brecciated and argillized. Dark green strongly chloritized zone.	
85.60–	Dark brownish green hematized pillow lavas. Matrix: strongly chloritized. A few calcite and quartz stringers.	
95.40–95.70	Gray clay zone.	
96.70	Sheared zone 5 cm.	
97.70~104.60	Quartz-calcite veinlets and stringers. Hematite stringers.	

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
52.00						
	2.00	0.7	2.3	0.54	<0.01	0.41
54.00						
	2.00	0.3	3.7	0.44	<0.01	0.22
56.00						
	2.00	0.3	2.1	0.42	<0.01	0.24
58.00						
	2.00	0.4	1.8	0.44	<0.01	0.38
60.00						
	2.00	0.3	1.9	0.37	<0.01	0.37
62.00						
	2.00	0.7	2.2	1.14	<0.01	0.15
64.00						
	2.00	0.8	2.3	0.91	<0.01	0.31
66.00						
	2.00	0.1	1.7	0.74	<0.01	0.13
68.00						
	2.00	Tr	Tr	0.58	<0.01	0.11
70.00						
	2.65	Tr	Tr	0.36	<0.01	0.08
72.65						
	2.00	0.1	1.0	0.43	<0.01	0.05
74.65						
	2.00	0.1	0.7	0.31	<0.01	0.06
76.65						
	2.65	Tr	Tr	0.37	<0.01	0.06
79.30						

Hole No. MJO-A6 (From 100.00m to 133.10m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
104.60		Light green~light greenish blue massive lava with quartz and calcite stringers. 104.80 Quartz veins. 109.30 Quartz vein.								
110										
119.00										
120		Dark green~dark brownish green chloritized pillow lava. Hematite in matrix and fractures. Quartz-calcite-hematite stringers and veinlets.								
		124.90~125.35 Brecciated weakly argillized zone.								
130		130.20 Quartz-hematite vein.								
133.10		133.10m End of hole.								
140										
150										

Appendix 5 Charged Potential in Area B

X (m)	Y (m)	Potential (mV/A) MJO-B1	MJO-B5
0	1000	22.7	23.2
-100	1000	21.8	22.4
100	1000	23.7	24.8
0	1100	19.2	19.7
100	1100	20.0	20.6
200	1000	23.9	24.8
300	1000	22.4	23.4
200	900	26.8	28.0
100	900	27.4	28.3
300	900	26.7	28.1
300	800	30.5	32.5
200	800	31.2	32.9
100	800	31.8	33.1
200	700	35.9	37.9
100	700	35.5	37.4
300	700	36.7	39.4
400	700	34.0	36.3
400	800	30.2	32.4
400	900	27.0	28.7
500	700	32.5	34.8
500	800	28.7	30.5
500	900	25.5	27.7
600	700	30.1	32.5
600	800	26.9	28.8
700	700	29.1	31.3
700	800	26.2	28.1
800	700	27.5	29.3
800	800	24.7	26.5
900	600	26.8	28.8
800	600	29.6	32.2
900	700	24.5	26.4
1000	700	23.1	24.9
1100	600	22.2	23.8
1000	600	24.1	25.9
1200	600	21.0	22.3
1000	500	25.8	27.9
1100	500	23.8	25.4
1200	500	22.1	23.8
1100	400	25.3	27.2
1100	300	26.9	28.9
1000	400	28.4	30.8
1000	300	30.5	32.7
200	600	46.1	49.3
100	600	47.9	50.4
300	600	42.2	44.7
400	600	39.4	42.5
200	500	52.8	56.5
100	500	58.9	62.3
300	500	50.5	55.1
300	400	54.4	59.1
400	500	47.9	52.5
400	400	51.5	56.4
500	600	37.4	40.5
500	500	44.4	47.9
500	400	48.5	52.8
600	500	42.4	46.0
600	400	45.0	49.2
600	600	33.9	36.5
700	600	32.0	34.5
700	500	38.2	41.7
700	400	40.9	44.8
800	500	34.1	37.1
800	400	37.5	41.0
900	500	29.1	31.2
200	450	58.3	62.4
150	450	61.7	65.7
100	450	64.9	68.5
200	400	63.4	68.2
150	400	66.1	70.4
100	400	71.3	75.1
250	400	58.9	63.1
200	350	66.7	71.8
250	350	62.3	67.7
300	350	59.3	64.5
350	350	55.0	60.1
250	300	67.9	74.1
300	300	64.6	70.3
350	300	60.0	65.7
400	300	53.2	58.7
500	300	50.8	55.3
300	250	65.9	73.1
350	250	63.1	69.8
400	250	58.4	64.4
450	250	55.5	60.9
500	250	51.9	56.9
350	200	65.7	72.8
400	200	59.6	65.4
450	200	56.7	62.1
500	200	53.1	59.3
550	200	51.6	56.2
600	200	50.5	55.0
400	150	63.7	70.2
450	150	60.8	66.8
500	150	56.2	61.7
550	150	54.4	59.6
600	150	51.8	56.3
400	100	74.0	82.2
450	100	64.2	70.6
400	50	76.7	85.3
450	50	67.7	74.5
500	50	62.2	68.7
550	50	58.7	64.2
500	100	60.1	66.3
550	100	56.2	61.9
600	50	55.1	60.1
600	0	54.7	59.9
550	0	58.2	63.9
500	0	61.1	67.3
450	0	69.6	76.9
400	0	77.5	86.3
600	-50	57.1	62.8
550	-50	60.7	66.4
500	-50	65.4	71.7
450	-50	73.0	79.8
400	-50	80.8	89.3
600	-100	57.4	62.2
550	-100	62.1	67.7
500	-100	65.9	71.9
450	-100	72.7	79.6
400	-100	81.6	89.6
600	-150	57.1	61.3
550	-150	60.9	66.6
500	-150	65.7	71.5
450	-150	72.1	78.0
400	-150	81.7	89.3
600	-200	57.6	61.9
550	-200	59.7	64.5
500	-200	66.3	71.1
450	-200	71.5	77.8
400	-200	83.1	90.5
550	-250	60.1	64.3
500	-250	66.2	70.8
450	-250	71.5	76.6
400	-250	80.3	86.3
600	-300	55.6	59.4
500	-300	62.8	67.0
400	-300	74.8	79.8
500	-400	55.4	58.6
400	-400	65.7	68.6
600	-500	46.9	49.1
500	-500	51.4	53.3
400	-500	58.1	60.0
600	-600	43.1	44.9
700	-600	39.5	40.8
700	-500	43.2	44.9
600	-400	47.7	50.0
700	-400	45.5	47.5
800	-400	40.5	42.3
700	-300	48.6	51.5
800	-300	41.7	43.9
700	-200	50.9	54.4
800	-200	42.3	44.5
700	-100	49.7	53.5
800	-100	44.8	48.1
600	100	53.2	58.3
700	100	46.8	51.0
700	0	48.8	52.6
800	0	44.1	47.7
800	100	44.1	47.6
700	200	45.8	49.7
600	300	46.7	50.7
800	300	41.0	44.4
800	200	42.6	46.0
900	100	40.5	43.7
1000	200	34.7	37.2
700	300	43.9	48.0
900	300	35.6	38.4
900	400	33.6	36.2
900	200	36.1	38.7
1000	100	35.1	38.0
1000	0	35.9	38.5
900	0	40.2	43.5
900	-100	41.2	43.9
900	-200	38.6	40.9
300	200	70.6	77.7
250	200	78.8	87.3
250	250	74.7	82.1
200	200	88.2	98.0
200	250	79.1	87.0
200	300	74.3	80.6
150	200	95.6	105.3
150	250	86.7	94.1
150	300	77.4	83.4
100	200	104.5	113.1
100	250	92.7	99.1
100	300	80.0	85.8
100	350	75.1	80.0
150	350	70.7	75.5
50	300	85.3	89.6
50	450	70.7	73.3
50	-100	154.7	165.6
50	-150	152.8	159.5
0	-150	167.7	162.7
-50	-150	182.1	161.7
-100	-150	196.9	160.4
-150	-150	202.7	159.0
-200	-150	192.7	152.3
-250	-150	157.1	130.3
-300	-150	147.8	123.6
-350	-150	119.3	103.2
-500	-100	82.5	74.7
-400	-100	101.5	90.9
-400	-50	102.5	92.3
-350	-100	117.1	102.4
-350	-50	117.3	104.1
-400	-200	97.3	86.3
-300	-100	145.8	123.2
-300	-50	138.7	118.7
-300	-200	142.1	120.0
-250	-100	151.5	124.3
-250	-50	151.8	128.8
-250	-200	148.8	124.2
-200	-100	184.7	147.9
-200	-50	169.7	143.9
-150	-50	183.8	155.8
-150	-100	196.9	162.5
-200	-200	169.7	138.2
-200	-250	155.9	129.3
-200	-300	129.7	112.3
-150	-200	192.1	152.1
-150	-250	169.0	139.7
-100	-200	194.5	157.3
-100	-250	166.5	141.5
-100	-300	141.5	125.1
-100	-100	195.1	165.9

X (m)	Y (m)	Potential (mV/A) MJO-B1	MJO-B5
-100	-50	183.5	166.5
-50	-200	164.3	146.5
-50	-250	153.0	138.9
-50	-300	138.2	126.5
-50	-100	183.8	166.1
-50	-50	181.7	166.7
0	-200	157.5	151.6
0	-250	147.3	140.3
0	-300	136.3	130.4
0	-100	176.6	170.3
0	-50	171.2	171.6
50	-50	156.9	166.8
50	-200	145.6	148.4
50	-250	139.1	139.9
50	-300	129.1	128.2
100	-200	132.1	140.4
100	-250	128.3	134.3
100	-300	119.4	123.8
100	-400	98.1	98.8
100	-150	140.8	154.8
100	-100	145.4	161.2
100	-50	144.2	160.2
150	-200	120.5	130.4
150	-250	115.9	124.5
150	-300	113.1	119.7
150	-150	131.5	145.9
150	-100	132.0	147.5
150	-50	129.3	145.3
200	-200	112.2	121.5
200	-250	111.4	119.1
200	-300	107.9	114.9
200	-400	87.1	89.8
200	-150	113.5	124.5
200	-100	118.5	132.0
200	-50	115.9	130.4
250	-200	105.5	115.1
250	-150	102.5	112.3
250	-100	106.8	119.1
250	-50	104.9	118.1
250	-250	103.1	111.1
250	-300	96.9	102.9
300	-300	87.3	92.4
300	-400	73.5	76.4
300	-500	65.6	66.8
350	-250	86.9	93.5
300	-250	95.4	102.5
300	-200	98.0	106.2
300	-150	96.6	106.3
300	-50	96.3	107.4
350	-200	92.0	99.7
350	-150	92.3	100.9
350	-100	93.1	102.4
350	-50	89.7	99.4
50	0	157.3	167.3
0	0	166.6	170.8
-50	0	171.7	165.7
-100	0	173.0	162.2
-150	0	159.3	145.3
-200	0	148.1	132.1
-250	0	135.5	119.3
-300	0	128.0	112.8
-350	0	112.7	101.1
-400	0	104.5	94.1
-500	0	82.0	75.3
-400	50	96.7	88.8
-400	100	86.3	80.6
-400	150	80.4	75.7
-350	50	104.7	95.5
-350	100	97.9	91.2
-350	150	90.3	84.7
-300	50	114.1	104.1
-300	100	106.9	99.5
-300	150	98.8	92.5
-250	50	120.2	109.5
-250	100	105.3	98.5

X (m)	Y (m)	Potential (mV/A) MJO-B1	MJO-B5
-250	150	102.6	98.4
-200	50	123.2	114.9
-200	100	113.1	108.9
-200	150	106.8	103.3
-150	50	140.3	133.4
-150	100	122.8	120.0
-150	150	110.4	110.3
-100	50	153.7	151.3
-100	100	133.5	133.1
-100	150	117.3	117.5
-50	50	149.2	152.4
-50	100	133.4	137.1
-50	150	118.1	121.3
0	50	153.4	158.3
0	100	129.0	139.4
0	150	114.7	121.7
50	50	138.5	149.5
50	100	127.9	138.7
50	150	116.5	125.1
100	0	137.0	150.5
150	0	120.8	135.9
200	0	110.4	124.2
250	0	102.9	115.5
300	0	93.6	104.0
350	0	85.4	95.5
350	50	83.8	93.5
350	100	79.2	88.1
350	150	69.8	77.3
300	50	91.9	103.1
300	100	89.7	100.5
300	150	81.8	91.1
300	-100	97.2	106.8
250	50	99.0	111.6
250	100	100.4	112.9
250	150	86.7	96.7
200	50	107.6	121.3
200	100	105.0	118.0
200	150	99.4	111.2
150	150	104.6	116.2
150	50	110.7	124.5
150	100	107.4	120.3
100	50	125.2	138.1
100	100	115.8	128.1
100	150	108.6	119.6
0	200	106.7	111.6
-50	200	105.3	107.7
-100	200	105.2	105.9
-150	200	104.2	102.9
-200	200	103.5	100.9
-250	200	94.4	90.9
-300	200	85.9	81.3
-350	200	80.6	75.9
-400	200	78.1	73.3
-350	250	75.4	72.1
-300	250	81.7	78.1
-300	300	73.3	71.0
-250	250	87.2	84.9
-250	300	77.8	76.3
-250	350	71.1	69.1
-200	250	93.5	92.4
-200	300	83.7	82.7
-200	350	77.6	76.8
-150	250	97.2	96.7
-150	300	86.2	86.1
-150	350	81.1	81.2
-100	250	95.2	96.3
-100	300	88.4	90.5
-100	350	83.6	84.8
-50	250	93.5	96.6
-50	300	86.2	89.1
-50	350	83.6	85.6
0	250	93.3	97.5
0	300	85.9	88.7
0	350	82.7	85.9
50	200	107.7	115.0

X (m)	Y (m)	Potential (mV/A) MJO-B1	MJO-B5
50	250	94.4	100.5
0	900	26.3	27.1
-100	900	25.9	26.2
0	800	31.3	32.3
-100	800	31.3	31.6
0	700	38.7	39.5
-100	700	40.6	40.8
-200	700	40.3	40.2
0	600	50.7	51.9
-100	600	51.8	52.4
-200	600	50.0	49.8
0	500	64.8	67.2
-100	500	64.0	64.7
-200	500	58.7	58.1
-300	500	55.2	54.4
0	450	75.1	77.3
-50	450	71.8	73.7
-100	450	71.9	73.0
-150	450	65.1	65.1
0	400	78.7	81.2
-50	400	77.9	80.3
-100	400	75.3	76.5
-150	400	74.4	74.8
-200	400	73.0	72.4
-300	400	67.8	66.6
50	350	79.7	83.5
50	400	77.4	80.5

Appendix 6 Electric Field in Area B

X (m)	Y (m)	MJO-B1 |E|	MJO-B1 φ	MJO-B5 |E|	MJO-B5 φ
1050	50	9	196	10	205
1050	150	9	183	11	180
950	250	7	177	8	182
950	150	9	171	9	176
950	350	11	184	12	186
850	350	10	175	11	179
850	250	11	171	12	175
850	150	11	172	12	177
750	250	12	190	13	197
750	150	9	186	11	186
750	350	17	156	19	156
750	450	10	159	11	159
850	450	9	154	11	153
750	550	11	148	12	152
850	550	9	152	8	149
750	650	8	162	10	162
750	750	8	152	9	148
750	850	10	133	10	134
650	950	9	130	9	129
650	850	9	126	11	130
650	1050	5	118	6	114
550	1050	7	131	8	129
550	1150	6	134	6	135
450	1050	10	130	12	129
350	1050	10	120	11	117
650	250	27	159	31	158
650	150	31	172	33	175
650	350	15	153	14	158
650	450	14	160	16	162
550	250	18	161	18	169
550	150	32	151	33	154
550	350	22	162	27	166
450	350	12	143	12	146
550	450	23	158	27	155
450	450	12	140	13	138
650	550	15	144	18	145
550	550	18	164	19	166
450	550	13	140	15	144
550	650	24	154	26	156
450	650	12	123	14	126
650	650	10	153	11	153
650	750	9	141	10	144
550	750	19	146	21	147
450	750	11	128	12	130
550	850	17	132	19	130
450	850	11	220	16	129
550	950	10	125	10	126
475	250	86	176	30	174
525	175	45	152	27	143
475	125	97	169	34	155
425	225	41	139	39	139
425	175	30	149	26	155
425	125	50	141	41	144
450	275	118	136	33	143
375	225	33	126	27	131
375	275	27	138	28	145
375	325	88	163	35	140
425	425	37	150	14	143
325	275	39	150	38	150
325	325	42	139	37	142
325	375	51	126	45	129
350	450	32	167	10	124
350	550	34	158	13	119
275	325	18	115	21	130
275	375	34	124	34	127
275	425	36	151	34	148
325	475	39	147	24	125
275	550	11	132	12	133
225	375	40	113	40	112
225	425	19	111	17	107
225	475	11	231	15	114
225	525	54	133	20	128
250	575	9	131	8	132
250	650	18	129	17	129
175	425	31	145	29	145
175	475	37	132	34	133
175	525	16	43	16	138
175	575	23	137	24	136
175	650	21	113	18	112
125	425	85	136	83	136
125	475	32	130	29	131
75	425	56	107	56	106
75	475	39	123	35	124
75	525	25	122	25	118
75	575	27	125	24	119
125	525	33	135	32	136
125	575	20	120	21	122
75	650	22	120	20	116
25	650	18	81	18	87
25	575	22	82	20	85
25	525	19	69	19	69
25	475	52	103	49	104
25	425	48	96	47	96
-25	650	33	116	34	116
-25	575	26	125	22	125
-25	525	38	132	35	130
-25	475	50	114	43	110
-25	425	51	113	50	108
-75	650	23	94	22	82
-75	575	30	107	28	104
-75	525	23	98	21	93
-75	475	41	88	38	89
-75	425	53	95	50	92
-125	650	17	83	16	74
-125	575	24	72	27	78
-125	525	29	87	25	85
-125	475	39	85	33	76
-125	425	57	91	57	89
-175	650	20	99	19	98
-175	575	14	61	17	51
-175	525	40	96	33	87
-175	475	31	83	33	88
-175	425	70	97	64	95
-225	625	24	95	21	87
-225	525	37	88	33	87
-225	475	32	90	30	78
-225	425	55	72	53	67
-250	650	22	74	21	73
-275	550	30	47	27	45
-275	450	49	47	45	45
-350	550	32	47	30	46
-350	450	41	48	38	42
-450	650	12	79	11	77
-450	550	18	48	17	39
-450	450	30	41	27	38
-550	650	16	43	15	45
-350	650	25	15	24	15
-350	750	18	59	16	52
-250	750	22	71	20	69
-150	750	26	98	25	95
-150	850	13	56	9	352
-50	750	15	100	14	100
-50	850	11	100	1	203
125	650	21	113	21	118
150	750	9	109	9	110
50	750	15	114	13	108
50	850	12	91	0	243
150	850	12	113	11	112
250	750	11	120	10	115
350	650	29	163	8	119
350	850	34	151	17	120
250	850	20	103	19	102
150	950	21	130	13	159
350	750	31	163	12	132
350	950	31	101	15	111
450	950	41	133	18	133
250	950	4	110	4	102
50	950	13	85	17	127
225	325	40	134	33	133
225	275	56	117	55	118
275	275	67	128	60	131
225	225	79	134	77	136
275	225	39	137	40	142
325	225	60	140	55	144
225	175	69	140	67	147
275	175	72	141	64	146
325	175	44	156	42	161
225	125	89	143	80	151
275	125	84	155	71	159
325	125	34	152	31	158
375	125	35	131	33	137
375	175	37	139	31	144
325	75	47	137	36	148
525	75	61	145	38	142
-75	75	48	76	23	75
-125	75	61	81	39	37
-125	25	87	59	41	23
-125	-25	73	83	23	347
-125	-75	75	97	28	347
-125	-125	41	135	19	338
-125	-175	64	231	40	237
-125	-225	180	261	114	255
-125	-275	47	258	33	267
-125	-325	143	266	102	268
-50	-450	62	310	41	272
-75	-375	78	274	58	277
-25	-375	136	327	60	279
-75	-325	143	270	104	275
-25	-325	140	310	74	258
-150	-350	112	275	85	278
-75	-275	46	219	23	194
-25	-275	99	319	59	240
-175	-275	44	310	28	311
-75	-225	166	270	120	281
-25	-225	105	301	89	238
-175	-225	113	292	76	293
-75	-175	96	219	75	255
-25	-175	81	300	84	225
-25	-125	37	2	75	225
-75	-125	66	172	37	207
-175	-175	161	316	99	315
-225	-175	95	317	68	310
-275	-150	134	347	91	339
-175	-125	54	348	43	323
-225	-125	116	6	63	352
-175	-75	152	85	56	74
-225	-75	155	26	80	9
-275	-75	126	7	82	355
-75	-75	81	136	3	336
-25	-75	121	4	21	184
-175	-25	95	21	80	341
-225	-25	63	27	39	350
-275	-25	75	7	65	343
-75	-25	37	106	21	278
-25	-25	133	23	25	258
-175	25	78	50	58	16
-225	25	65	39	57	2
-275	25	66	33	51	13
-75	25	113	104	25	75
-25	25	160	26	24	99
-25	75	172	22	33	85
-175	75	77	62	68	36
-225	75	63	59	51	34
-275	75	70	44	63	21
-175	125	72	53	88	35
-225	125	65	73	58	58
-275	125	55	35	56	22
-350	150	60	27	66	20
-125	125	52	64	55	54
-75	125	67	95	69	94
-25	125	126	36	89	123
-175	175	69	37	89	30
-225	175	32	44	40	43
-275	175	30	63	34	44
-125	175	90	89	107	96

|E| : Intensity(unit; mV/A·100m) of Electiric Field
φ : Azimuth(unit; Degree) of Electiric Field

X (m)	Y (m)	MJO-B1 |E|	MJO-B1 φ	MJO-B5 |E|	MJO-B5 φ
-75	175	69	101	78	98
-25	175	103	40	88	122
-175	225	34	79	35	65
-225	225	62	274	42	73
-275	225	46	293	64	71
-350	250	52	357	71	28
-125	225	61	65	71	58
-75	225	60	102	65	97
-25	225	100	34	69	117
-175	275	62	256	47	107
-125	275	70	288	45	42
-75	275	50	259	62	95
-25	275	107	330	55	104
-225	275	102	153	47	65
-275	275	69	57	66	52
-275	350	62	38	60	32
-350	350	48	30	45	26
-450	350	33	44	29	35
-225	375	50	52	48	49
-225	325	54	73	49	68
-175	325	37	104	33	89
-125	325	26	81	27	84
-25	325	43	113	43	113
-175	375	53	88	46	83
-125	375	64	86	58	82
-75	375	72	106	66	103
-25	375	59	116	54	111
25	75	166	133	123	137
25	25	96	145	65	165
25	-25	139	167	71	201
25	-75	116	176	57	198
25	-125	141	216	103	235
25	-175	164	204	108	217
25	-225	119	220	81	232
25	-275	95	208	54	217
25	-325	104	242	65	244
25	-375	68	226	44	232
75	-450	83	234	56	237
75	-375	79	217	53	219
125	-375	78	243	58	245
175	-375	61	257	47	255
75	-325	70	234	48	244
125	-325	71	230	53	232
175	-325	77	221	59	222
75	-275	57	220	35	229
125	-275	50	169	35	172
175	-275	81	196	63	208
75	-225	91	191	61	206
125	-225	49	250	52	269
175	-225	55	207	45	213
75	-175	119	239	97	252
125	-175	69	237	62	243
175	-175	29	228	37	252
75	-125	132	218	112	233
125	-125	98	221	82	233
175	-125	56	228	52	224
75	-75	124	167	91	184
125	-75	97	180	81	194
175	-75	73	183	61	198
75	-25	98	195	82	201
125	-25	96	164	80	188
175	-25	79	165	68	182
75	25	171	149	104	155
125	25	86	176	89	178
175	25	49	193	53	199
75	75	102	128	79	133
125	75	100	133	86	142
175	75	71	138	58	151
25	125	120	126	96	130
25	175	87	134	82	134
25	225	49	111	46	108
25	275	61	113	61	109
25	325	50	102	43	96
25	375	48	101	47	102
75	375	51	123	49	124

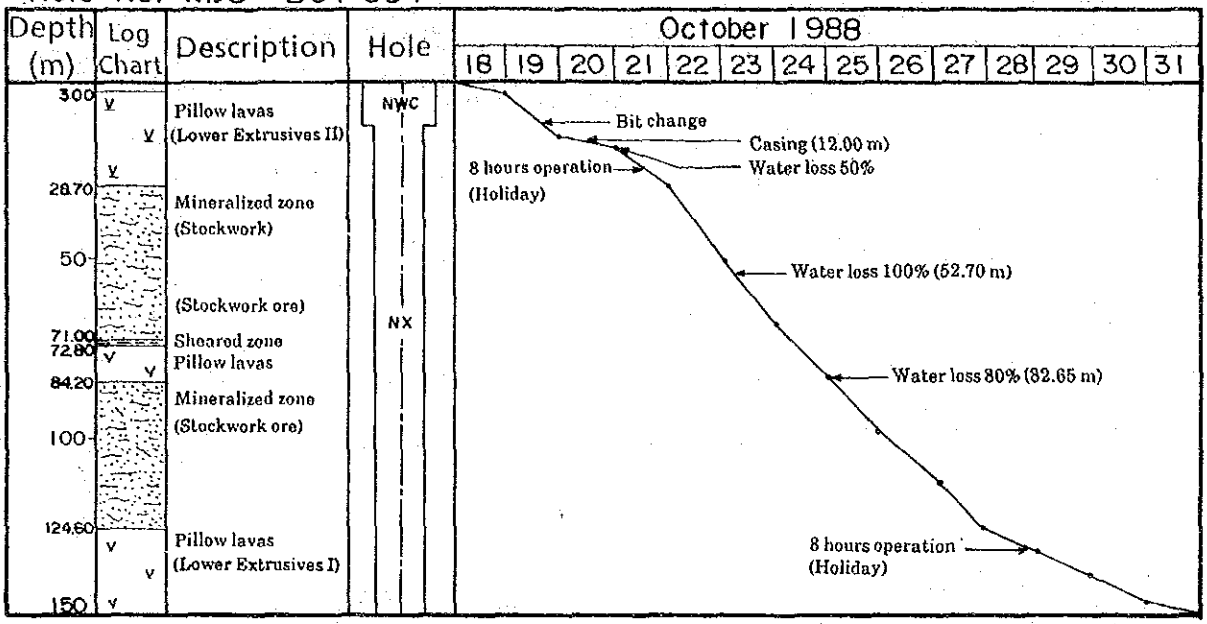
X (m)	Y (m)	MJO-B1 |E|	MJO-B1 φ	MJO-B5 |E|	MJO-B5 φ
125	375	65	151	61	151
175	375	44	124	42	122
75	325	50	105	50	105
125	325	78	127	78	127
175	325	99	133	96	134
-75	325	26	102	22	82
75	275	44	79	43	81
125	275	105	142	102	142
175	275	56	148	55	149
75	225	54	107	51	109
125	225	43	141	43	143
175	225	101	131	98	132
175	175	62	150	60	155
75	175	27	136	26	143
125	175	23	140	24	151
75	125	104	123	84	126
125	125	66	131	57	138
175	125	35	135	37	152
225	25	80	185	72	194
225	-25	71	187	59	199
225	-75	60	181	49	191
225	-125	42	188	34	206
225	-175	60	184	44	193
225	-225	70	232	59	239
225	-275	57	244	50	251
225	-325	44	226	33	236
300	-375	27	213	20	221
325	-325	47	234	35	237
275	-275	60	213	49	224
350	-275	31	238	29	248
275	-225	68	214	57	221
325	-225	53	221	48	221
425	-225	54	226	44	241
275	-175	63	200	53	204
325	-175	39	203	34	209
375	-175	35	217	31	225
275	-125	67	170	53	178
325	-125	34	203	33	222
375	-125	42	201	37	209
275	-75	42	166	29	183
325	-75	32	155	29	167
375	-75	49	180	42	185
275	-25	44	179	38	187
325	-25	15	175	18	174
375	-25	35	171	27	183
275	25	45	188	46	199
325	25	20	169	15	197
375	25	30	143	26	153
225	75	82	166	73	173
275	75	55	170	55	172
950	50	25	155	17	167
950	-50	23	183	16	189
850	50	21	136	16	157
850	-50	16	180	15	187
750	50	35	129	25	143
750	-50	28	168	25	172
800	-150	22	182	20	185
650	50	48	138	38	154
650	-50	34	174	32	178
650	-150	30	191	27	195
550	50	63	132	51	145
550	-50	37	184	35	191
550	-150	31	212	29	219
600	-250	29	201	27	202
475	25	67	157	26	130
525	-25	53	202	38	208
475	-75	48	179	10	200
525	-125	57	226	47	237
425	25	23	160	20	169
425	-25	37	187	33	188
425	-75	25	217	26	228
425	-125	56	185	49	190
450	-175	44	191	24	209
450	-250	41	202	22	220
375	75	31	116	23	131

X (m)	Y (m)	MJO-B1 |E|	MJO-B1 φ	MJO-B5 |E|	MJO-B5 φ
425	75	55	138	45	143

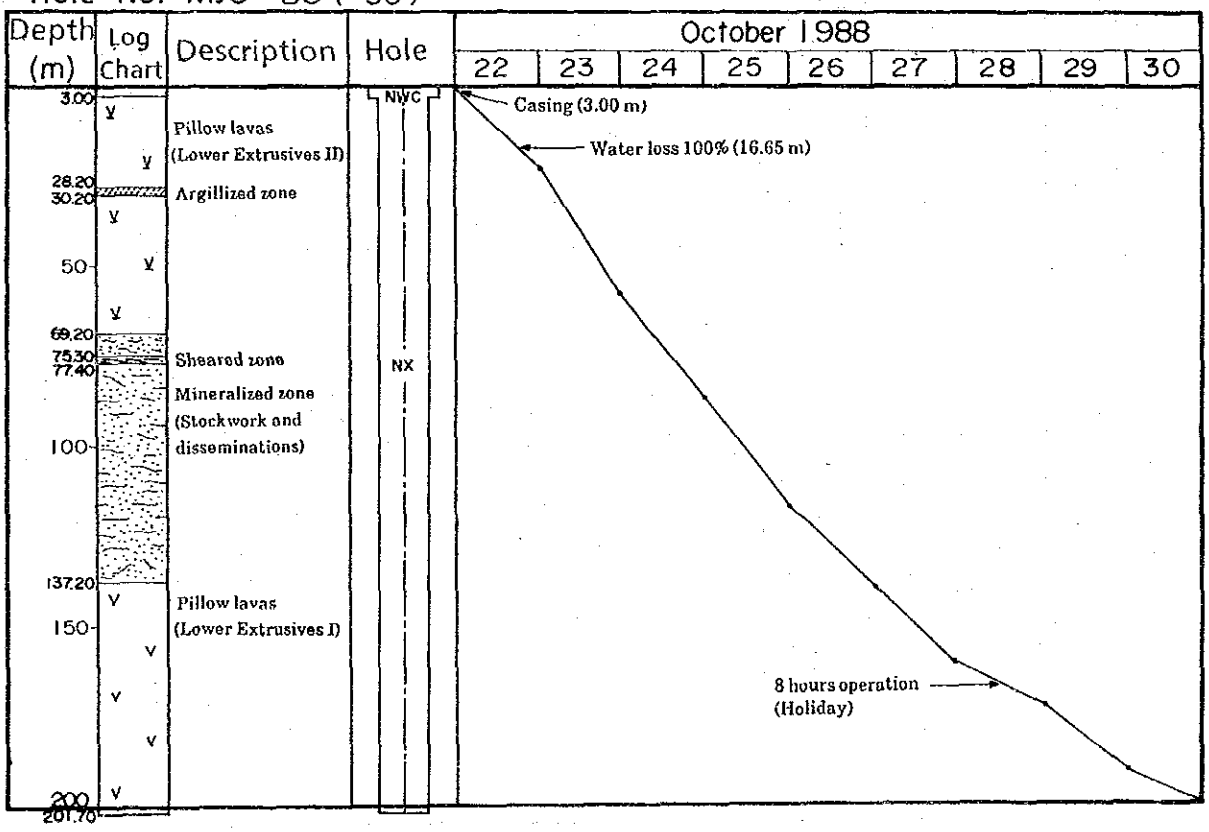
\|E\| : Intensity (unit; mV/A·100m) of Electiric Field
φ : Azimuth (unit; Degree) of Electiric Field

Appendix 7 Progress of Each Drill Hole in Area B

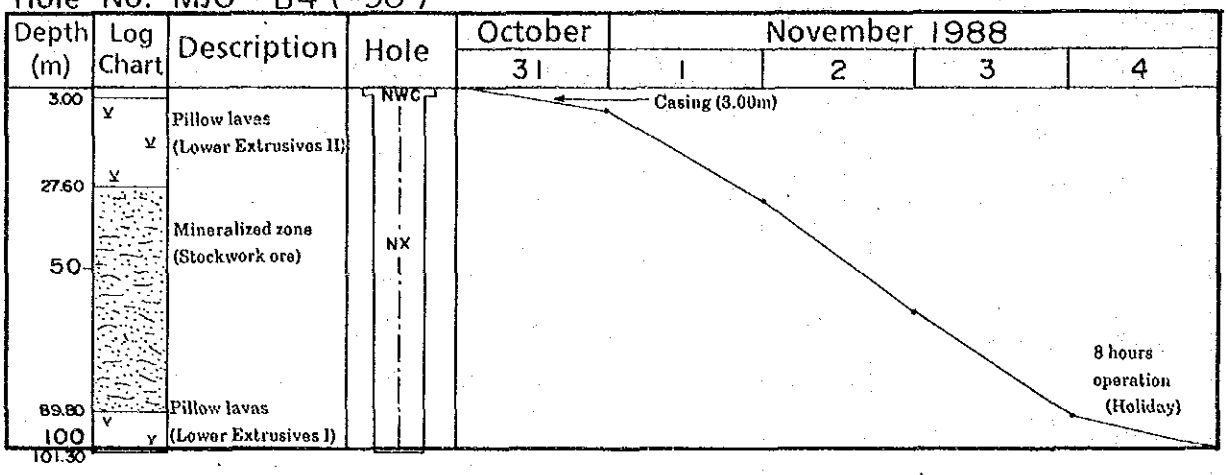
Hole No. MJO - B5 (-90°)



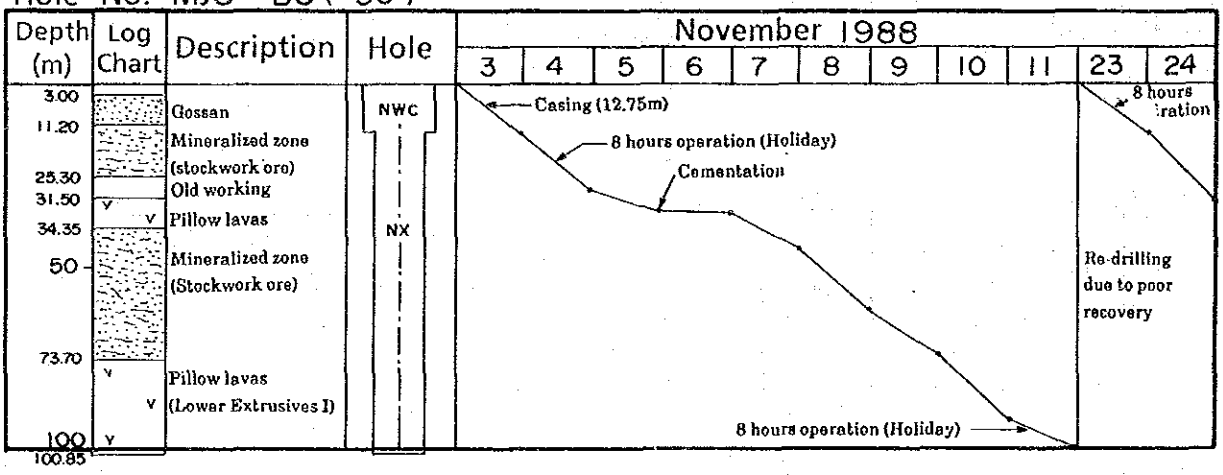
Hole No. MJO - B3 (-90°)



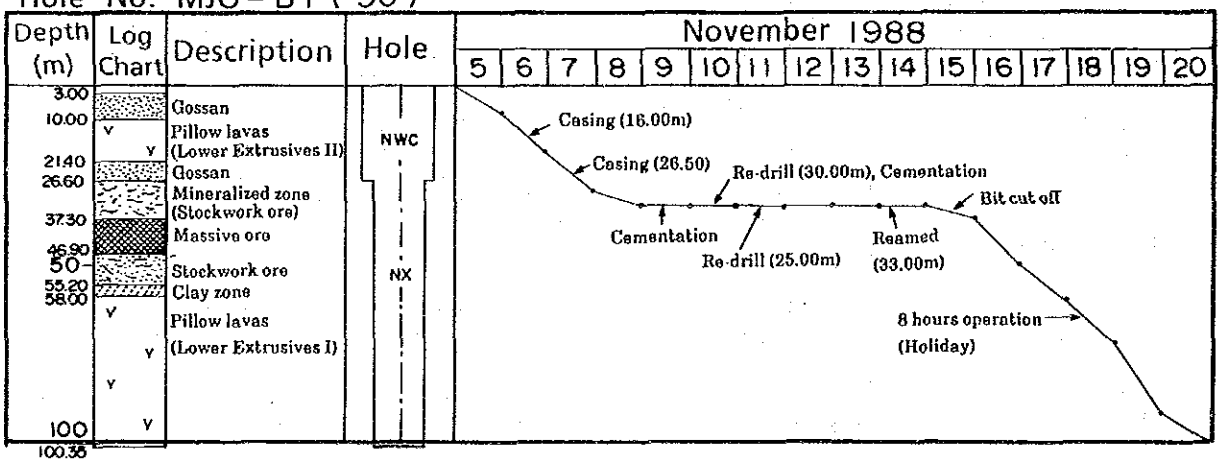
Hole No. MJO - B4 (-90°)



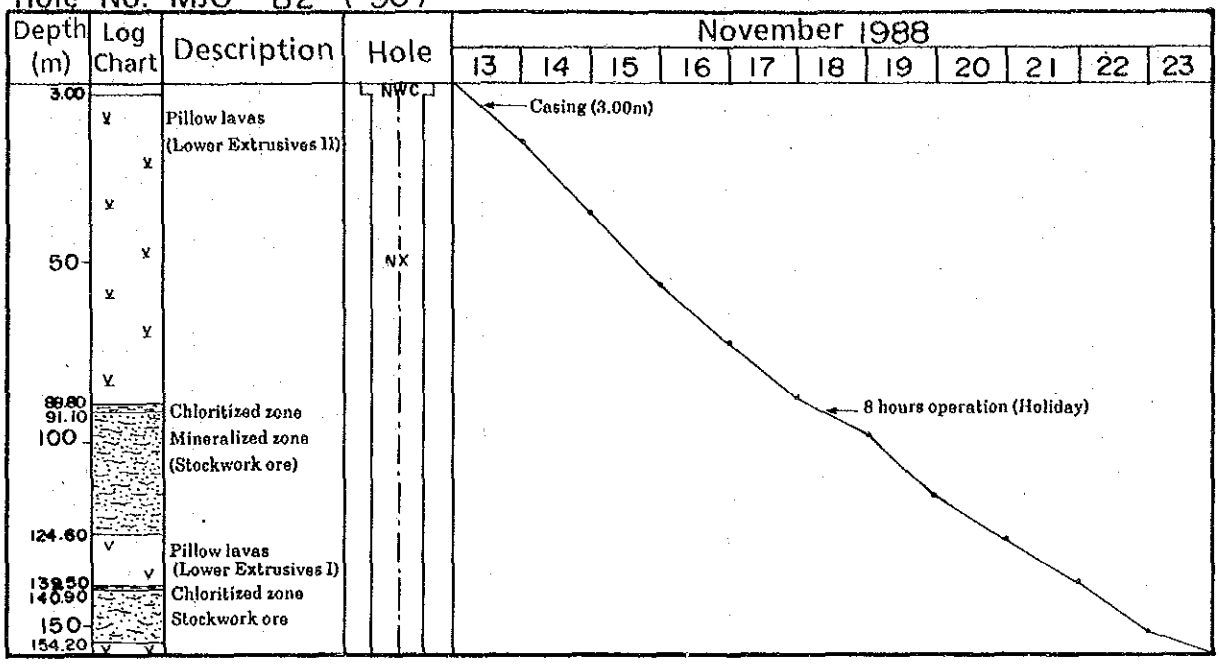
Hole No. MJO - B6 (-90°)



Hole No. MJO - B1 (-90°)

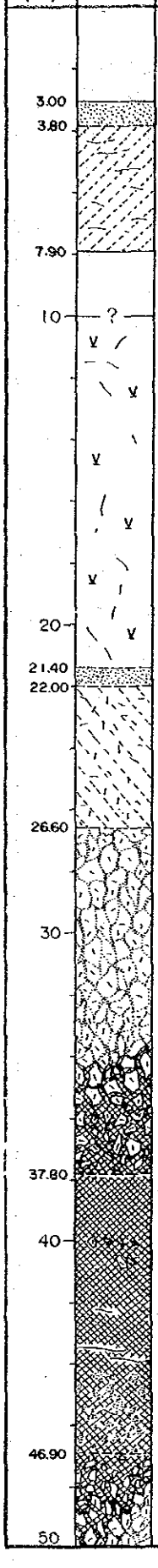


Hole No. MJO - B2 (-90°)



Appendix 8 Geologic Core Log for Drill Holes in Area B

Hole No. MJO-B 1 (From 0.00 m to 50.00 m)



Depth (m)	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
	Casing. No recovery.								
3.00									
3.80	Reddish-brown gossan soil.		3.80						
	Light weathered and argillized zone with dominant copper oxide minerals along fractures.			2.00	Tr	Tr	0.51	<0.01	0.03
			5.80	2.10	Tr	Tr	1.04	<0.01	0.09
7.90	No recovery.		7.90						
	Silicified argillized and weathered zone (slim).	7.90, 22.00, 32.00 Possibly old working							
10	Light green argillized and weathered pillow lava. Chloritized and fractured.								
	Lower part: hematite in matrix and fractures								
20									
21.40	Brown gossan soil.								
22.00	White siliceous gassan. Wheathered and porous.								
	25.30~32.05 Core recovery 22%								
26.60	Light gray strongly silicified and brecciated zone with mineralization.	Siliceous ore zone. Pyrite along fractures.	26.60	2.00	0.3	1.8	0.87	<0.01	0.04
			28.60	2.00	0.4	1.7	0.67	<0.01	0.03
30			30.60	2.00	0.3	5.6	0.62	0.01	0.03
			32.60	2.00	0.9	12.5	3.12	0.02	0.11
		34.40~37.80 Increase sulfides downward. Matrix filled with pyrite≫ chalcopyrite	34.60	2.00	6.5	16.0	1.85	0.04	0.07
			36.60	1.20	8.7	25.9	1.10	0.05	0.13
37.80	Massive sulfide zone.	Massive ore. Very fine-grained pyrite-chalcopyrite. Porous in places.	37.80	1.00	9.0	24.1	0.96	0.07	0.11
			38.80	1.00	16.8	35.8	3.32	0.10	0.12
40	39.70~40.10 Siliceous fragement		39.80	1.00	8.9	29.9	0.59	0.05	0.10
			40.80	1.00	13.2	14.9	2.45	0.04	0.06
	Chalcanthite ($CuSo_4.5H_2O$) along fractures.		41.80	1.00	13.0	3.7	1.69	0.02	0.04
			42.80	1.00	7.1	8.0	1.86	0.02	0.07
	44.00~46.90 Brecciated		43.80	1.00	9.3	5.5	1.67	0.03	0.05
			44.80	1.00	12.2	12.3	0.89	0.04	0.29
			45.80	1.10	10.4	7.5	2.06	0.05	0.24
46.90	Light gray strongly silicified and brecciated zone with mineralization.	Siliceous ore zone. Matrix filled with pyrite > chalcopyrite. Fine-grained.	46.90	2.00	11.4	5.8	0.74	0.01	0.13
			48.90	2.00	6.6	8.4	1.95	0.03	0.18
50									

Hole No. MJO - B1 (From, 50.00 m to 100.35 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
55.20	Gyp	Gray brecciated clay zone with silicified small fragments.	Pyrite disseminations.
56.10	Gyp	Dark green strongly chloritized zone. Sheared.	
58.00		Green~dark green pillow lava with quartz stringers. Chloritized and brecciated in places.	
60		58.00~61.00 Strongly chloritized 63.80~64.70 Hematite in matrix	
70			
71.35		Hematite zone with volcanic fragment.	
71.80	Ht	Dark green strongly chloritized pillow lava with dominant hematite in matrix and fractures.	
75.70		Dark green chloritized and weakly brecciated pillow lava with quartz stringers and minor hematite veins. Variole-like texture in places.	
80			
90		90.00m Fracture with limonite	
100			
100.35		100.35m End of hole	

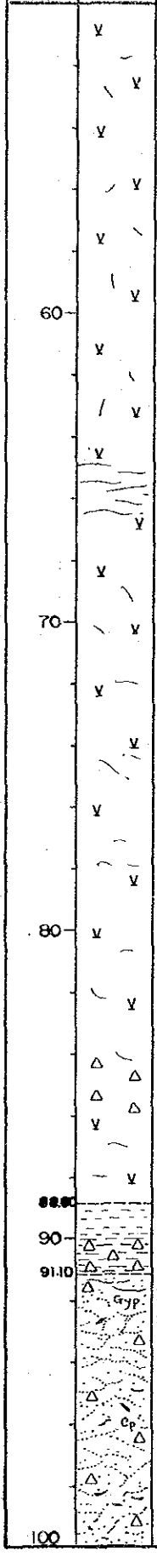
Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
50.90						
	2.00	1.8	5.2	0.61	0.02	0.78
52.90						
	2.30	1.0	4.1	0.59	0.02	0.36
55.20						

52.00~58.10 satin spar (gypsum) stringers and veinlets

Hole No. MJO - B2 (From 0.00m to 50.00m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
		Casing. No recovery.								
3.00		Light green pillow lava with calcite stringers. Hematite in matrix and fractures.								
5.80		Light brownish-green pillow breccia with calcite stringers. Hematite in matrix and fractures.								
7.80		Same as 3.00~5.80								
10		9.70~10.20 Brecciated. Matrix filled with calcite								
11.60		Green~dark green and reddish-brown in places chloritized pillow lava to pillow breccia. Many calcite stringers. Hematite in matrix.								
		15.80 Sheared zone 17.00 Calcite-hematite vein 4 cm								
20		18.00~88.80 Variole-like texture in places								
30										
40										
		43.80~44.20 Brecciated. Matrix filled with calcite								
50										

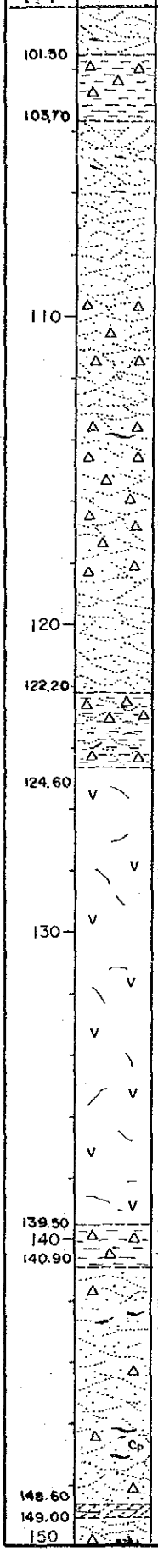
Hole No. MJO - B2 (From 50.00m to 100.00m)



Depth (m)	Lithology and Alteration	Mineralization
	Reddish-brown parts increase for downward.	
	65.00~66.50 Many calcite stringers in matrix	
	74.00~78.20 Hematite and calcite dominant in matrix	
	84.00~85.70 Brecciated	
88.80	Dark green strongly chloritized zone.	
	89.95~91.10 Brecciated sheared zone	
91.10	Light green chloritized and silicified mineralized zone. Brecciated.	Stockwork of pyrite and chalcopyrite stringers and veinlets. Gypsum stringers at top along fractures.

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
91.10	2.00	0.2	1.2	0.13	<0.01	0.22
93.10	2.00	0.6	1.3	0.86	<0.01	0.42
95.10	2.00	0.6	2.3	0.91	0.01	0.57
97.10	2.00	1.0	1.2	0.62	<0.01	0.44
99.10	2.00	0.5	1.1	0.88	<0.01	0.16

Hole No. MJO-B2 (From 100.00 m to 150.00 m)



Depth (m)	Lithology and Alteration	Mineralization
101.50	Gray sheared and brecciated zone. Chloritized and silicified.	Pyrite, chalcopyrite spots in matrix. Pyrite disseminations and stringers.
103.70	Dark gray silicified and chloritized zone with mineralization. Brecciated.	Pyrite and chalcopyrite stringers, veinlets and disseminations. Gypsum along fractures.
	109.50~111.70 Strongly brecciated	
	113.70~118.30 Strongly brecciated	
122.20	Gray silicified and strongly chloritized zone.	Pyrite-chalcopyrite veinlets. Pyrite stringers and disseminations.
124.60	Light yellowish-green chloritized and weakly silicified pillow lava. Hematite in matrix and fractures. Minor quartz stringers. Brecciated in places.	
139.50	Strongly chloritized brecciated zone.	
140.90	Gray silicified, chloritized and brecciated zone with mineralization. Quartz veinlets.	Pyrite, chalcopyrite stockwork vein and stringer.
148.60	148.60~149.00 Gray clay zone with quartz stringers	

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
101.10						
	2.00	0.1	1.4	0.97	<0.01	0.24
103.10						
	2.00	Tr	Tr	0.22	<0.01	0.14
105.10						
	2.00	0.4	1.5	0.37	<0.01	0.04
107.10						
	2.00	Tr	Tr	0.25	<0.01	0.07
109.10						
	2.00	Tr	Tr	0.26	<0.01	0.04
111.10						
	2.00	Tr	0.1	0.09	<0.01	0.06
113.10						
	2.00	0.2	0.1	0.55	<0.01	0.12
115.10						
	2.00	Tr	Tr	0.25	<0.01	0.04
117.10						
	2.00	Tr	Tr	0.07	<0.01	0.04
119.10						
	2.00	Tr	Tr	0.03	<0.01	0.06
121.10						
	2.00	0.1	0.5	0.03	<0.01	0.18
123.10						
	1.50	1.1	2.0	0.72	<0.01	0.40
124.60						
140.90						
	2.00	0.2	0.3	0.65	<0.01	0.05
142.90						
	2.00	Tr	Tr	0.29	<0.01	0.03
144.90						
	2.00	0.6	1.1	1.39	<0.01	0.05
146.90						
	2.00	Tr	Tr	0.29	<0.01	0.11
148.90						
	2.00	Tr	Tr	0.33	<0.01	0.02

Hole No. MJO-B2 (From 150.00m to 157.25m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
				150.90						
					2.00	0.1	0.3	0.12	<0.01	0.06
				152.90						
					1.30	Tr	Tr	0.04	<0.01	0.21
154.20		Green chloritized and weakly brecciated pillow lava with quartz-hematite veins.		154.20						
157.25		157.25m End of hole								
160										
170										
180										
190										
200										

Hole No. MJO－B3 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
		Casing. No recover								
3.00		Reddish-brown and light green doloritic weathered pillow lava. Weakly brecciated. Hematite in matrix.								
7.70		Light green and reddish-brown in part weakly chloritized pillow breccia and pillow lava. Vesicles filled with calcite and zeolites. Hematite, calcite stringers.								
19.00		Light green weakly brecciated doloritic pillow lava. Hematite in matrix. Calcite stringers.								
28.20		23.20~28.60 and 30.00~30.20 Light green argillized zones								
28.60										
30										
30.20		Reddish-brown weakly chloritized pillow lava. Vericles filled with calcite and zeolites. Calcite-quartz-hematite stringers and veinlets. 31.60 Calcite-hematite vein 5 cm 32.10~32.50 Pillow breccia 39.30~39.7 0 Pillow breccia								
40										
48.40										
50										

Hole No. MJO－B3 (From 50.00 m to 100.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
	Qtz	Light green weakly chloritized pillow and massive lavas. Few hematite stringers along fractures.	Quartz stringers and veinlets.
	Qtz		
			58.40 Quartz veinlets (2 cm)
60			
68.90			
69.20		Hematite-quartz zone. Weakly sheared	
70		Light greenish gray~gray silicified, chloritized and brecciated zone with mineralization (pillow lava).	Stockwork mineralized zone. Many quartz and calcite veins, veinlets and stringers with pyrite. Pyrite disseminations. Minor chalcopyrite.
		74.35~74.75 Sheared	
75.30		75.30~77.40 Sheared, brecciated and strongly chloritized zone with calcite stringers.	
77.40			
80			
90			
		95.10~96.10 Hematite in matrix	
			97.60 Gypsum along fractures
			97.90 Quartz-hematite stringers
100			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
77.40						
	2.00	0.2	1.7	0.02	0.02	0.01
79.40						
	2.00	Tr	Tr	0.01	<0.01	<0.01
81.40						

Hole No. MJO-B3 (From 100.00 m to 150.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
109.70				109.70						
110		Greenish gray~gray brecciated, silicified and strongly chloritized zone (pillow lava).	Pyrite-quartz veins dominant with minor chalcopyrite.		2.00	Tr	Tr	0.04	< 0.01	0.45
				111.70	2.10	Tr	Tr	0.01	< 0.01	0.01
113.80		Gray silicified and chloritized zone (massive lava).	A few pyrite stringers and weak pyrite disseminations.	113.80						
119.00	Ht			119.00						
120		Gray~greenish gray silicified, chloritized and brecciated zone (pillo lava).	Pyrite-quartz stringers along fractures and in matrix. Pyrite disseminations.		2.00	Tr	Tr	0.01	<0.01	<0.01
		119.00~133.40 Light gray strongly silicified and brecciatedd	119.00~121.15 More pyrite dissem.	121.00						
	Qtz-cal	124.80~133.40 Dark green strongly chloritized	126.00~128.10 More pyrite in matrix and fractures.	126.00	2.10	Tr	Tr	0.01	<0.01	<0.01
130				128.10						
	Qtz		131.90 Quartz vein, 3 cm	132.30	2.50	Tr	Tr	0.01	<0.01	<0.01
				134.80	2.40	Tr	Tr	0.01	<0.01	<0.01
137.20	V	Light brownish green brecciated pillow lava. Weakly chloritized and hematitized. Matrix and fractures filled with hematite and minor quartz.	No sulfide minerals	137.20						
140										
	V									
	V									
150										

Hole No. MJO - B3 (From 150.00 m to 201.70 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization	Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
160										
170		Strongly brecciated.								
180		182.70~182.80 Sheared zone with quartz and hematite	183.50, 185.00, 185.50 Quartz-hematite veinlets							
190	Qtz-ht	195.10~195.20 Sheared zone with quaartz and hematite								
	Cal	198.70~199.90 and 200.30~200.60 Dark green brecciated, silicified and strongly chloritized zone. Sheared at top and bottom	198.70~199.90 and 200.30~200.60 Pyrite stringers and disseminations							
190.70		199.90~200.30 and 200.60 121.70 Dark green brecciated and chloritized pillow lava with quartz-calcite-hematite stringers	199.40 Minor chalcopyrite.							
199.90										
200										
200.30										
200.60										
201.70		201.70 End of hloe								

Hole No. MJO - B4 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
		Casing. No recovery.	
3.00		Light green weathered pillow lava.	
7.40		Argillized zone with limonite.	
7.80		Light brown weathered pillow lava. Argillized in part	8.05~11.10 Green copper mineral spots and along fractures
9.10		Green hyaloclastic pillow breccia. Strongly chloritized. Minor hematite along fractures.	
10			
13.00		Light green~light brownish green brecciated pillow lava. Chloritized. Fractures filled with hematite.	
20			
		20.40~27.60 Calcite stringers	
27.60		Dark green brecciated pillow lava. Strongly chloritized and weakly sheared.	
30		30.20~36.10 Fractures filled with hematite.	
		34.10~34.80 Strongly brecciated sheared zone.	
37.70		Light greenish gray~gray silicified and chloritized zone. Mineralized and brecciated.	Pyrite > chalcopyrite-quartz stringers. Pyrite > chalcopyrite disseminations (stockwork zone).
40	Sph Cp	44.00~44.30 Sheared and strongly brecciated	39.40~39.60 Sphalerite-pyrite-quartz stringers
50	Cp Cp		

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
37.70						
	2.00	Tr	Tr	0.03	<0.01	0.18
39.70						
	2.00	0.1	0.8	0.24	<0.01	0.12
41.70						
	2.00	0.1	1.6	0.66	<0.01	0.18
43.70						
	2.00	0.4	0.7	0.56	<0.01	0.19
45.70						
	2.00	0.1	1.2	0.44	<0.01	0.17
47.70						
	2.00	0.1	0.9	0.27	<0.01	0.19
49.70						

Hole No. MJO - B4 (From 50.00 m to 101.30 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
60			
70		70.15 Sheared zone, 5 cm	66.30~69.50 Gypsum along fractures and in pyrite-chalocopyrite veinlets
			74.50 Gypsum along fractures
80		77.85~78.40 Argillized	
89.80		88.30~89.80 Strongly brecciated	
90		Dark green strongly chloritized pillow lava. 89.90~90.50 Sheared	Weak pyrite disseminations.
91.90		Gray and green brecciated pillow lava. Silicified and chloritized with epidote spots.	Weak pyrite dissminations. Quartz stringers and quartz-hematite stringers.
100		101.30 End of hole	
101.30			

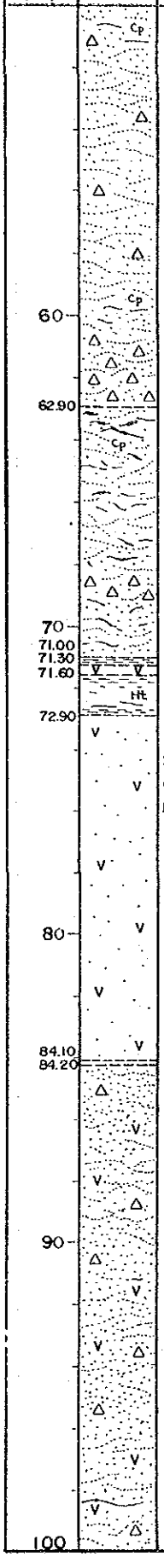
Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
	2.00	0.1	1.8	0.87	< 0.01	0.31
51.70						
	2.00	0.3	1.1	0.63	< 0.01	0.10
53.70						
	2.00	0.1	2.5	0.82	< 0.01	0.13
55.70						
	2.00	0.1	1.6	0.75	< 0.01	0.17
57.70						
	2.00	0.2	1.6	1.03	< 0.01	0.08
59.70						
	2.00	1.2	0.8	1.08	< 0.01	0.18
61.70						
	2.00	0.1	2.7	1.23	< 0.01	0.26
63.70						
	2.00	0.9	4.8	2.27	< 0.01	0.22
65.70						
	2.00	0.2	1.7	0.44	< 0.01	0.35
67.70						
	2.00	0.6	2.9	0.84	< 0.01	0.47
69.70						
	2.00	1.2	2.1	0.72	< 0.01	0.61
71.70						
	2.00	0.5	1.4	0.78	< 0.01	0.28
73.70						
	2.00	0.6	1.8	0.82	< 0.01	0.45
75.70						
	2.00	0.8	1.1	0.64	< 0.01	0.60
77.70						
	2.00	0.7	1.0	0.57	< 0.01	0.48
79.70						
	2.00	Tr	0.1	0.77	< 0.01	0.34
81.70						
	2.00	0.5	2.2	1.27	< 0.01	0.37
83.70						
	2.00	0.7	1.8	1.33	< 0.01	0.35
85.70						
	2.00	0.5	1.4	0.91	< 0.01	0.18
87.70						
	2.10	0.3	0.9	0.79	< 0.79	0.18
89.80						

Hole No. MJO - B5 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
		Casing. No recovery.	
3.00		Purplish green pillow lava. Weathered, fractured and weakly argillized.	
9.70			
10		Greenish gray pillow lava argillized and weathered.	
11.70		Purpilsh green weathered pillow lava. Fractures filled with limonite	
17.00		Sheared zone with quartz-hematite veins.	
17.30			
20		Dark green weakly brecciated pillow lava. Chloritized. Fractures filled with hematite and quartz.	
28.30		Strongly chloritized sheared zone.	Weak pyrite disseminations.
28.70			
30		Green~greenish gray brecciated zone (pillow lava). Chloritized and weakly silicified. Argillized in part.	Pyrite-quartz with minor chalcopyrite veinlets and quartz stringers. Pyrite disseminations.
		31.00~31.30 Light green bleached and argillized	29.35~29.50 Sphalarite-pyrite stringers
			38.50~38.60 Chalcopyrite > pyrite stringers
40			
47.40		Greenish gray brecciated zone (pillow lava). Chloritized, weakly silicified and argillized.	Stockwork ore zone chalcopyrite-pyrite veinlets and stringers.
50			

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
28.70	2.00	Tr	Tr	0.11	<0.01	0.41
30.70						
37.70	2.00	Tr	Tr	0.51	<0.01	0.04
39.70						
43.40	2.00	Tr	Tr	0.39	<0.01	0.07
45.40	2.00	Tr	Tr	0.35	<0.01	0.16
47.40	2.00	0.1	1.1	1.17	<0.01	0.19
49.40						

Hole No. MJO－B5 (From 50.00 m to 100.00 m)



Depth (m)	Lithology and Alteration	Mineralization
	48.00~48.60 Strongly brecciated clay zone	45.60 Gypsum stringers
	61.10~62.90 Strongly brecciated and chloritized	
62.90	Greenish-gray weakly brecciated zone (pillow lava). Chloritized, argillized and silicified.	Stockwork ore zone chalcopyrite≫pyrite veins and veinlets. Weak pyrite disseminations.
	68.40~69.30 Strongly brecciated	
71.00	Sheared zone with quartz, chlorite and gypsum.	
71.30		
71.60	Light Green chloritized pillow lava.	
72.90	Sheared zone with chlorite.	
	Light green pillow lava, weakly brecciated. Chloritized. Quartz stringers and hematite along fractures.	Scarce pyrite disseminations. Quartz stringers.
84.10	Brecciated zone with quartz-hematite veins.	
84.20		
	Greenish gray~dark gray brecciated zone (pillow lava). Strongly silicified and chloritized Epidote in spots.	Intense pyrite disseminations. Very fine-grained pyrite. Many quartz stringers and veinlets.
		88.50 Quartz vein

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
	2.00	Tr	Tr	1.38	<0.01	0.18
51.40						
	2.00	0.4	1.5	1.36	<0.01	0.06
53.40						
	2.00	0.2	1.5	0.98	<0.01	0.06
55.40						
	2.00	0.4	1.2	0.71	<0.01	0.04
57.40						
	2.00	0.1	2.1	1.60	<0.01	0.05
59.40						
	2.00	0.6	1.8	1.66	<0.01	0.14
61.40						
	1.50	0.2	0.8	0.72	<0.01	0.08
62.90						
	2.00	0.7	1.7	3.54	<0.01	0.16
64.90						
	2.00	Tr	Tr	2.25	<0.01	0.06
66.90						
	2.00	0.1	0.6	1.81	<0.01	0.06
68.90						
	2.10	Tr	Tr	0.82	<0.01	0.06
71.00						
88.90						
	2.00	Tr	Tr	0.01	<0.01	0.01
90.90						
	2.00	Tr	Tr	0.01	<0.01	0.01
92.90						
	2.00	Tr	Tr	0.01	<0.01	0.01
94.90						

Hole No. MJO - B5 (From 100.00 m to 150.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
			102.00~106.30 Weak pyrite disseminations
106.30		Dark green~dark greenish gray brecciated zone. Silicified and strongly chloritized.	Stockwork ore. Chalcopyrite ≫ pyrite veinlets and spots. Pyrite disseminations.
110			
120			
124.60		Weakly sheared.	
		Dark brownish green~greenish gray brecciated pillow lava. Chloritized. Fractures and matrix filled with hematite.	Quartz stringers.
130			
140			
145.70 145.90		Sheared zone with quartz-hematite.	
		Same as 124.60~145.70	
150		150.00 End of hole	

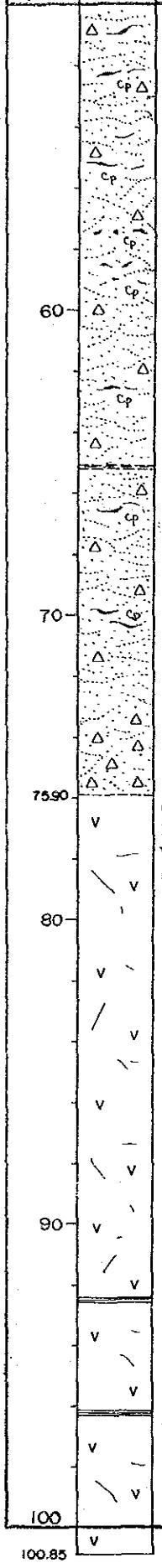
Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
106.30						
	2.00	0.1	1.3	2.07	<0.01	0.04
108.30						
	2.00	Tr	Tr	0.37	<0.01	0.03
110.30						
	2.00	1.0	1.1	1.91	<0.01	0.09
112.30						
	2.00	0.5	0.8	1.16	<0.01	0.03
114.30						
	2.00	0.5	0.5	0.76	<0.01	0.03
116.30						
	2.00	0.1	0.7	0.39	<0.01	0.03
118.30						
	2.00	Tr	Tr	0.50	<0.01	0.04
120.30						
	2.00	Tr	Tr	1.25	<0.01	0.04
122.30						
	2.30	Tr	Tr	1.42	<0.01	0.04
124.60						

Hole No. MJO - B6 (From 0.00 m to 50.00 m)

Depth (m)	Chart	Lithology and Alteration	Mineralization
		Casing. No recovery.	
3.00		Weathered and argillized zone with siliceous fragment. Dominant copper oxide minerals.	
4.50		Reddish-brown gossan soil. No copper minerals.	
10			
11.20		Greenish gray silicified, argillized and chloritized zone. Brecciated. 11.05~17.85 Poor recovery D.L. 6.80, C.L. 3.35 49%	Stockwork zone. Pyrite-chalcopyrite stringers and disseminations.
20	Cp	20.90~31.30 More argillized zone Poor recovery D.L. 10.40, C.L. 4.35 42%	
25.30		Gray~greenish gray clay zone with siliceous fragments. Possibly old working. 25.80 Gypsum stringer 27.00 Wood chip	
30		0.00~31.30m Re-drilling	
31.50		Light green~gray silicified and chloritized pillow lava with quartz stringers. Brecciated in part.	Pyrite disseminations. 31.80 Gypsum stringers
37.00		Yellowish green strongly chloritized pillow lava. Brecciated.	Very weak mineralization with quartz stringers 37.90 Gypsum stringers
38.10		Light gray argillized sheared zone.	Weak pyrite disseminations.
39.35		Gray silicified, chloritized and brecciated zone.	Pyrite stringers and disseminations. Quartz stringer and veinlets.
40	Sph Sph	43.40~44.00 Weakly sheared zone with many quartz stringers	42.70 Sphalerite-pyrite stringer 44.10~44.30 Sphalerite-pyrite stringers
	Cp		
50			

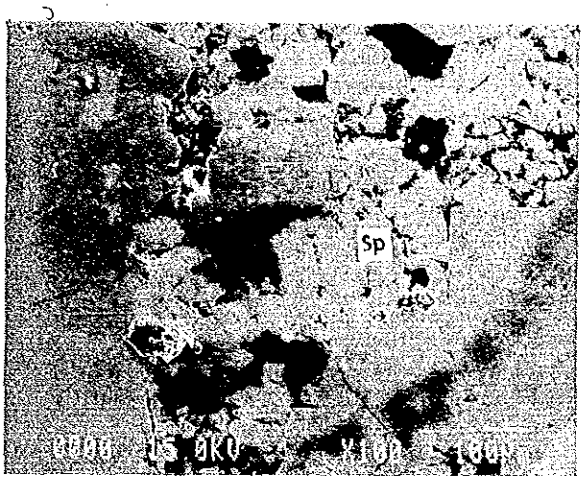
Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
3.00						
	1.50	Tr	Tr	1.34	<0.01	0.70
4.50						
11.20						
	2.00	Tr	2.0	1.48	<0.01	0.19
13.20						
	2.00	Tr	1.2	2.69	<0.01	0.07
15.20						
	2.00	Tr	Tr	3.17	<0.01	0.07
17.20						
	2.00	0.7	2.2	2.96	<0.01	0.12
19.20						
	2.00	1.0	3.6	2.15	<0.01	0.22
21.20						
	2.00	1.3	3.0	5.48	<0.01	0.18
23.20						
	2.10	0.7	3.8	6.51	<0.01	0.20
25.30						
39.35						
	2.00	Tr	Tr	0.02	<0.01	0.10
41.35						
	2.00	Tr	Tr	0.04	<0.01	0.27
43.35						
	2.00	0.1	0.9	0.05	<0.01	0.38
45.35						
	2.00	Tr	Tr	0.01	0.01	0.10
47.35						
	2.00	Tr	Tr	0.11	<0.01	0.90
49.35						

Hole No. MJO - B6 (From 50.00m to 100.85m)



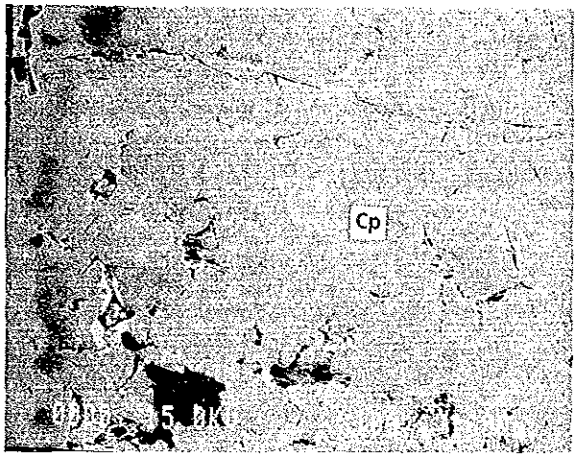
Depth (m)	Lithology and Alteration	Mineralization
	52.05~52.10 Strongly brecciated and chloritized sheared zone	52.00~61.00 Chalcopyrite > pyrite stringers
	57.40~57.50 Brecciated zone	57.40~57.50 Chalcopyrite-pyrite ore breccia
	65.00~65.05 Sheared zone with chlorite	
75.90	Green chloritized pillow lava. Hematite in fracture and matrix. Weakly brecciated. Quartz and calcite stringers.	71.40~75.90 Mineralization weak
	92.40~92.50 Reddish brown metalliferous sediments	
	96.00 Quartz-hematite vein 7cm	
	96.15~96.25 Reddish-brown metalliferous sediments	
100	100.85m End of hole	

Depth (m)	D.L. (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)
51.35	2.00	Tr	0.5	0.51	<0.01	0.08
53.35	2.00	Tr	Tr	0.84	<0.01	0.04
55.35	2.00	Tr	Tr	1.80	<0.01	0.03
57.35	2.00	0.2	0.9	1.05	<0.01	0.03
59.35	2.00	1.2	0.8	1.97	<0.01	0.07
61.35	2.00	Tr	0.1	0.78	<0.01	0.04
63.35	2.00	0.2	1.3	0.70	<0.01	0.04
65.35	2.00	Tr	Tr	0.44	<0.01	0.02
67.35	2.00	0.1	0.2	0.77	<0.01	0.01
69.35	2.00	Tr	0.1	0.09	<0.01	0.05
71.35	2.00	Tr	Tr	0.10	<0.01	0.03
73.35	2.00	Tr	Tr	0.05	<0.01	0.07
75.90	2.55	0.2	0.4	0.04	<0.01	0.04



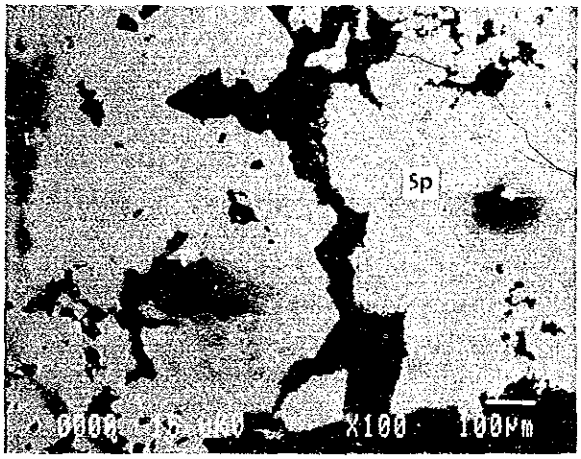
(1) SEM image

HS-17 (61.55 m)
Mineral: sphalerite (Sp)
(quantitive analysis)



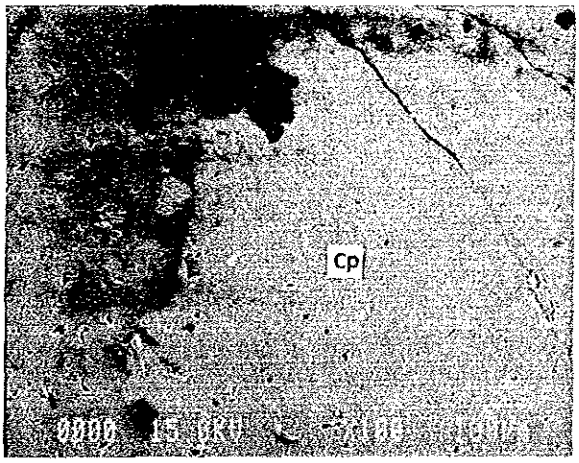
(2) SEM image

HS-17 (61.55 m)
Mineral: chalcopyrite (Cp)
(qualitative analysis)



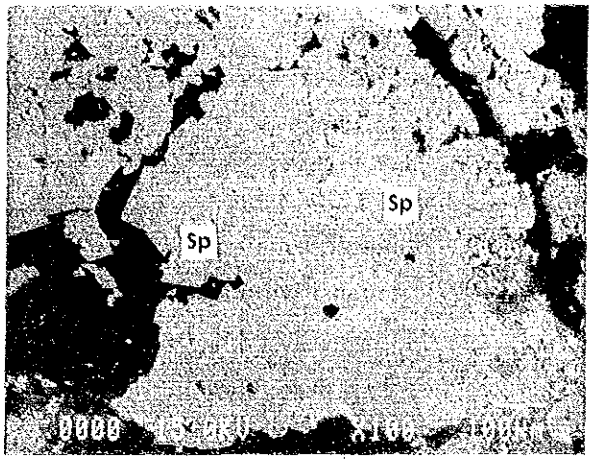
(3) SEM image

MJO-B4 (56.00 m)
Mineral: sphalerite (Sp)
(quantitive analysis)



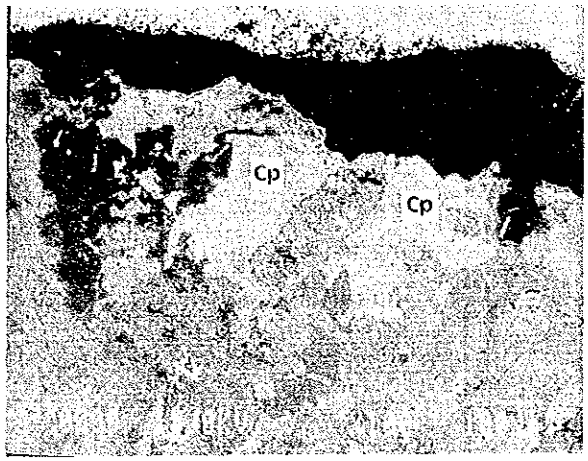
(4) SEM image

MJO-B4 (56.00 m)
Mineral: chalcopyrite (Cp)
(qualitative analysis)



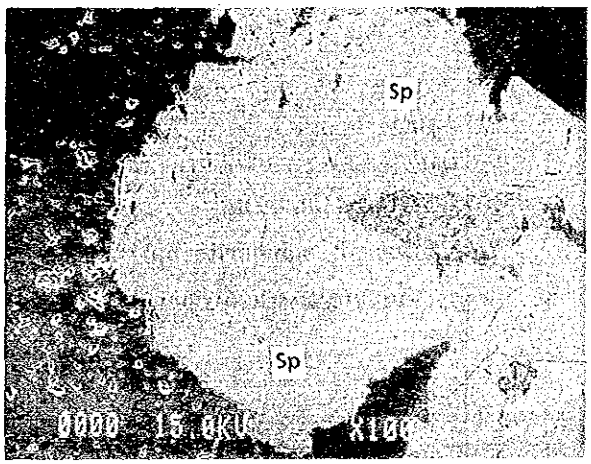
(5) SEM image

MJO-B4 (77.40 m)
Mineral: sphalerite (Sp)
(quantitive analysis)



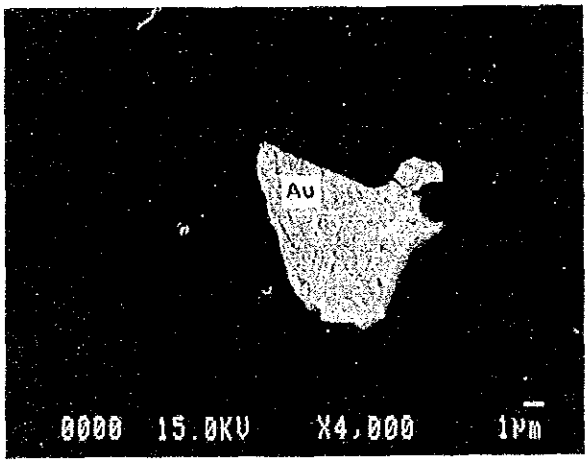
(6) SEM image

MJO-B4 (77.40 m)
Mineral: chalcopyrite (Cp)
(qualitative analysis)



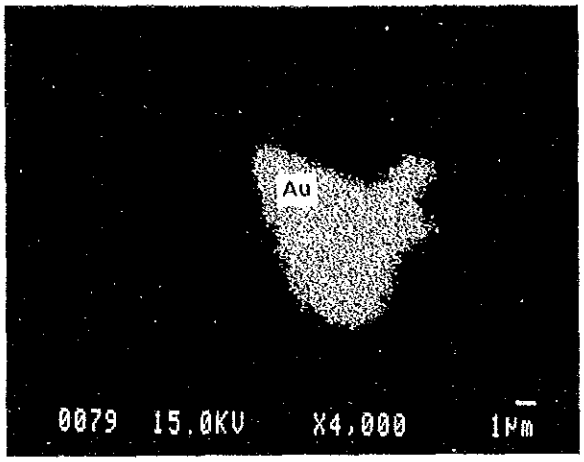
(7) SEM image

MJO-B6 (42.10 m)
Mineral: sphalerite (Sp)
(quantitive analysis)



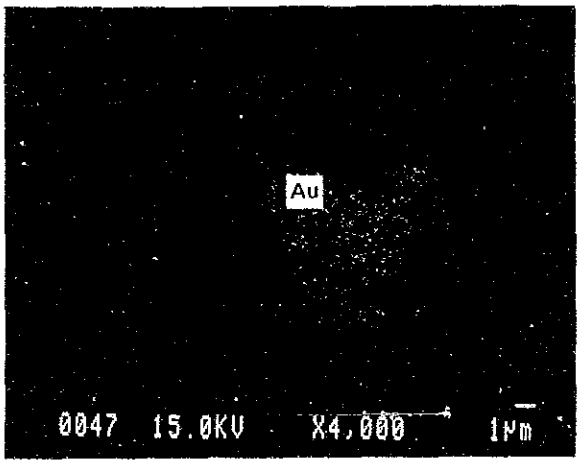
(8) SEM image

MJO-B6 (57.60 m)
Mineral: native gold (Au)
(area analysis)



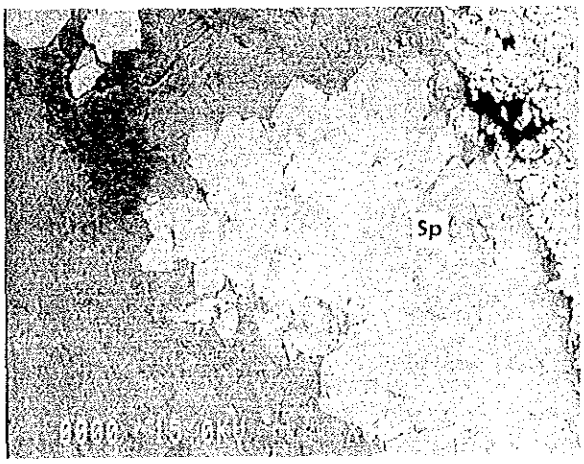
(9) Microprobe image (Au Lα)

MJO-B6 (57.60 m)
Mineral: native gold (Au)



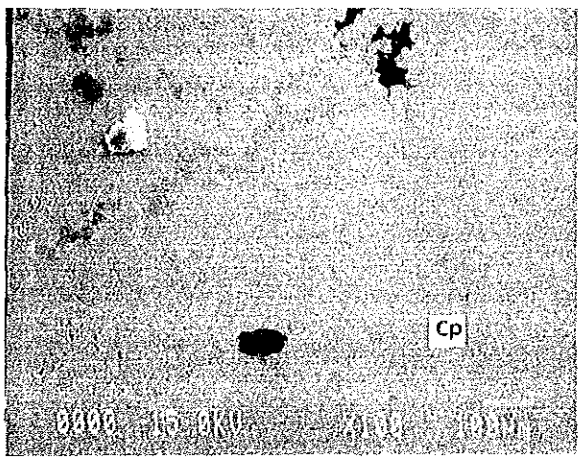
(10) Microprobe image (Ag Lα)

MJO-B6 (57.60 m)
Mineral: native gold (Au)



(11) SEM image

MJO-B6 (57.60 m)
Mineral: sphalerite (Sp)
(quantitative analysis)



(12) SEM image

MJO-B6 (57.60 m)
Mineral: chalcopyrite (Cp)
(qualitative analysis)