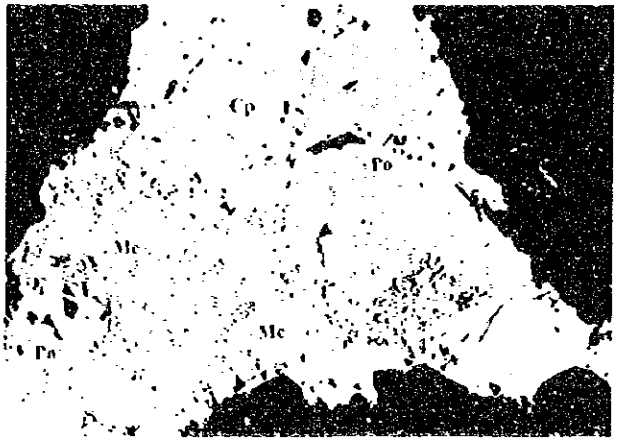
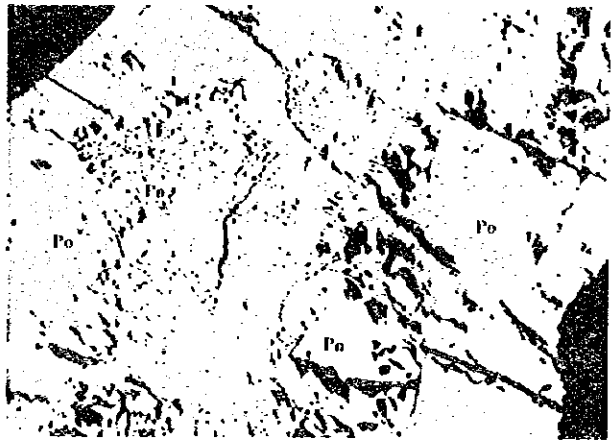
A-2 Microphotographs of the polished sections

Abbreviations of mineral names in the plate

Po : Pyrrhotite
Pn : Pentlandite
Cp : Chalcopyrite
Py : Pyrite
Mc : Marcasite
Cr : Chromite



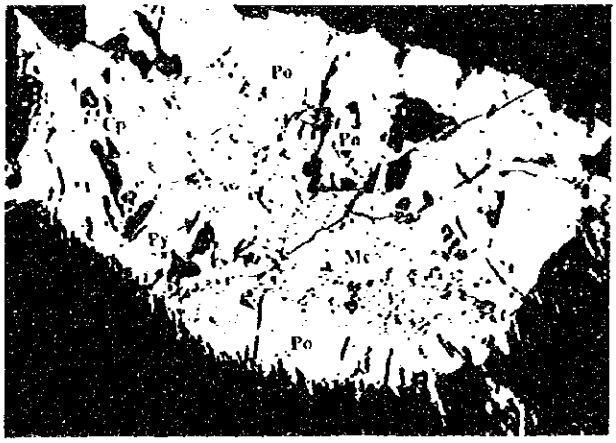
Sample No. P-11 Open nicol ——— 0.1 mm
Rock name Bronzitite
Locality MIZS-1, 243.30m
Remarks Po-Cp-Pn-Mc Ore



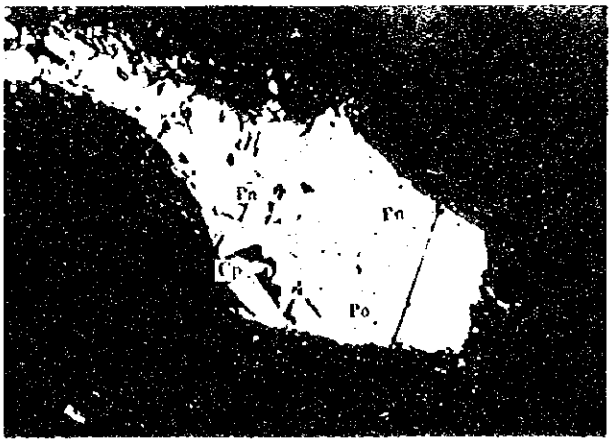
Sample No. P-5 Open nicol ——— 0.1 mm
Rock name Bronzitite
Locality MIZS-2, 270.30m
Remarks Po-Cp-Pn-Mc Ore

Sample No. P-6 Open nicol ——— 0.1 mm
Rock name Bronzitite
Locality MIZS-2, 270.30m
Remarks Po-Cp-Pn Ore

Sample No. P-2 Open nicol ——— 0.1 mm
Rock name Bronzitite
Locality MIZS-3, 341.30m
Remarks Cr Ore



Sample No. P-2 Open nicol ——— 0.1 mm
Rock name Bronzitite
Locality MIZS-3, 341.30m
Remarks Po-Cp-Pn-Mc Ore



Sample No. P-13 Open nicol ——— 0.1 mm
Rock name Bronzitite
Locality MIZS-4, 82.15m
Remarks Po-Pn exsolution Ore

A-3 Results of drillings

Table II-2-5 Results of drilling (MJZS-1)

Drilling Period

Class	Working Period				Specifications of Working Days							
					Total Working Days		Day off		True Working Days			
	Starting Date	~	Finishing Date		Days	Shift	Days	Shift	Days	Shift	A-shift	*W
Preparation	96/09/24	~	96/09/25		2	4	0	1	2	3	0	15
Drilling	96/09/26	~	96/10/07		12	24	0	4	12	20	14	100
Withdraw	96/10/08	~	96/10/12		5	10	0	5	5	5	0	25
Total	96/09/24	~	96/10/12		19	38	0	10	19	28	14	140

Drilling Depth				Core Recovery par each 100m			
				Depth (m)		Core Length and Core Recovery		Cumulative Total
Planned Depth	400.00 m	Overburden	m					
Additional Depth	0.00 m	Core Length	390.50 m	0.00 ~	15.00	5.50 m	36.67 %	36.67 %
Total Depth	400.00 m	Recovery	97.63 %	15.00 ~	123.40	108.40 m	100.00 %	92.30 %
Working Time				123.40 ~	205.70	82.30 m	100.00 %	95.38 %
Drilling Time	112.0 h	58.3 %	40.3 %	205.70 ~	307.70	102.00 m	100.00 %	96.91 %
Trip	12.0 h	6.3 %	4.3 %	307.70 ~	400.00	92.30 m	100.00 %	97.63 %
Core Recover	22.0 h	11.5 %	7.9 %					
Down Time	2.0 h	1.0 %	0.7 %					
Fishing Job	44.0 h	22.9 %	15.8 %					
Others	0.0 h	0.0 %	0.0 %					
Sub-Total	192.0 h	100.0 %	69.1 %					
Moved Out and In								
Rig Up	46.0 h		16.5 %					
Tear Down	40.0 h		14.4 %					
Total	278.0 h		100.0 %					

Drilling Efficiency		
T-Depth(m)/T-Working Days	21.05	m/Day
T-Depth(m)/T-Working Shifts	10.53	m/Shift
T-Depth(m)/True-Working Days	21.05	m/Day
T-Depth(m)/True-Working Shifts	14.29	m/Shift
T-Depth(m)/T-Drilling Days	33.33	m/Day
T-Depth(m)/T-Drilling Shifts	16.67	m/Shift
T-Depth(m)/True-Drilling Days	33.33	m/Day
T-Depth(m)/True-Drilling Shifts	20.00	m/Shift
T-Depth(m)/True-Drilling Shifts	28.57	m/Shift
T-Depth(m)/T-Workers	2.11	m/Worker
Actual Drilling Workers/T-Depth(m)	0.18	Worker/m

Casing

Casing Depth and Size		Casing Ratio	Casing Pipe Recovery	
	(m)	(%)	(m)	(%)
86 mm	24.00 m	6.0	21.00	87.5
0 mm	0.00 m	0.0	0.00	

Table II-2-6 Results of drilling (MJZS-2)

Drilling Period

Class	Working Period				Specifications of Working Days							
					Total Working Days		Day off		True Working Days			
	Starting Date	~	Finishing Date		Days	Shift	Days	Shift	Days	Shift	A-shift	*W
Preparation	96/09/08	~	96/09/12		5	10	0	5	5	5	0	25
Drilling	96/09/13	~	96/09/23		11	22	0	2	11	20	17	100
Withdraw	96/09/24	~	96/09/24		1	2	0	0	1	2	0	10
Total	96/09/08	~	96/09/24		17	34	0	7	17	27	17	135

Drilling Depth				Core Recovery par each 100m			
				Depth (m)		Core Length and Core Recovery		Cumulative Total
Planned Depth	500.00 m	Overburden	m					
Additional Depth	0.00 m	Core Length	485.50 m	0.00 ~	24.00	9.50 m	39.58 %	39.58 %
Total Depth	500.00 m	Recovery	97.10 %	24.00 ~	175.60	151.60 m	100.00 %	91.74 %
Working Time				175.60 ~	292.60	117.00 m	100.00 %	95.01 %
Drilling Time	129.0 h	70.9 %	50.2 %	292.60 ~	391.60	99.00 m	100.00 %	96.30 %
Trip	10.0 h	5.5 %	3.9 %	391.60 ~	500.00	108.40 m	100.00 %	97.10 %
Core Recover	20.0 h	11.0 %	7.8 %					
Down Time	3.0 h	1.6 %	1.2 %					
Fishing Job	20.0 h	11.0 %	7.8 %					
Others	0.0 h	0.0 %	0.0 %					
Sub-Total	182.0 h	100.0 %	70.8 %					
Moved Out and In								
Rig Up	56.0 h		21.8 %					
Tear Down	19.0 h		7.4 %					
Total	257.0 h		100.0 %					

Drilling Efficiency		
T-Depth(m)/T-Working Days	29.41	m/Day
T-Depth(m)/T-Working Shifts	14.71	m/Shift
T-Depth(m)/True-Working Days	29.41	m/Day
T-Depth(m)/True-Working Shifts	18.52	m/Shift
T-Depth(m)/T-Drilling Days	45.45	m/Day
T-Depth(m)/T-Drilling Shifts	22.73	m/Shift
T-Depth(m)/True-Drilling Days	45.45	m/Day
T-Depth(m)/True-Drilling Shifts	25.00	m/Shift
T-Depth(m)/True-Drilling Shifts	29.41	m/Shift
T-Depth(m)/T-Workers	2.94	m/Worker
Actual Drilling Workers/T-Depth(m)	0.17	Worker/m

Casing

Casing Depth and Size		Casing Ratio	Casing Pipe Recovery	
	(m)	(%)	(m)	(%)
86 mm	24.00 m	4.8	21.00	87.5
0 mm	0.00 m	0.0	0.00	

Table II-2-7 Results of drilling (MJZS-3)

Drilling Period

Class	Working Period		Specifications of Working Days							
			Total Working Days		Day off		True Working Days			
	Starting Date	~ Finishing Date	Days	Shift	Days	Shift	Days	Shift	A-shift	*1
Preparation	96/08/01	~ 96/08/12	12	12	5	5	7	7	25	35
Drilling	96/08/13	~ 96/09/07	26	26	0	0	26	26	17	130
Withdraw	96/09/08	~ 96/09/08	1	1	0	0	1	1	0	5
Total	96/08/01	~ 96/09/08	39	39	5	5	34	34	42	170

Drilling Depth				Core Recovery par each 100m			
Planned Depth	500.00 m	Overburden	m	Depth (m)	Core Length and Core Recovery		Cumulative Total
Additional Depth	0.30 m	Core Length	478.60 m	0.00 ~ 37.00	15.30 m	41.35 %	41.35 %
Total Depth	500.30 m	Recovery	95.66 %	37.00 ~ 94.50	57.50 m	100.00 %	77.04 %
Working Time				94.50 ~ 194.00	99.50 m	100.00 %	88.81 %
Drilling Time	152.0 h	63.1 %	52.6 %	194.00 ~ 293.10	99.10 m	100.00 %	92.60 %
Trip	10.0 h	4.1 %	3.5 %	293.10 ~ 404.10	111.00 m	100.00 %	91.63 %
Core Recover	30.0 h	12.4 %	10.4 %	404.10 ~ 500.30	96.20 m	100.00 %	95.66 %
Down Time	1.0 h	0.4 %	0.3 %				
Fishing Job	48.0 h	19.9 %	16.6 %				
Others	0.0 h	0.0 %	0.0 %				
Sub-Total	241.0 h	100.0 %	83.4 %				
Moved Out and In							
Rig Up	32.0 h		11.1 %				
Tear Down	16.0 h		5.5 %				
Total	289.0 h		100.0 %				

Drilling Efficiency		
T-Depth(m)/T-Working Days	12.83	m/Day
T-Depth(m)/T-Working Shifts	12.83	m/Shift
T-Depth(m)/True-Working Days	14.71	m/Day
T-Depth(m)/True-Working Shifts	14.71	m/Shift
T-Depth(m)/T-Drilling Days	19.24	m/Day
T-Depth(m)/T-Drilling Shifts	19.24	m/Shift
T-Depth(m)/True-Drilling Days	19.24	m/Day
T-Depth(m)/True-Drilling Shifts	19.24	m/Shift
T-Depth(m)/True-Drilling Shifts	29.43	m/Shift
T-Depth(m)/T-Workers	2.57	m/Worker
Actual Drilling Workers/T-Depth(m)	0.17	Worker/m

Casing

Casing Depth and Size		Casing Ratio	Casing Pipe Recovery	
	(m)	(%)	(m)	(%)
86 mm	37.00 m	7.4	34.00	91.9
0 mm	0.00 m	0.0	0.00	

Table II-2-8 Results of drilling (MJZS-4)

Drilling Period

Class	Working Period		Specifications of Working Days							
			Total Working Days		Day off		True Working Days			
	Starting Date	~ Finishing Date	Days	Shift	Days	Shift	Days	Shift	A-shift	*1
Preparation	96/09/30	~ 96/10/03	4	8	0	2	4	6	0	30
Drilling	96/10/04	~ 96/10/12	9	18	0	2	9	16	17	80
Withdraw	96/10/13	~ 96/10/21	9	18	0	9	9	9	0	45
Total	96/09/30	~ 96/10/21	22	44	0	13	22	31	17	155

Drilling Depth				Core Recovery par each 100m			
Planned Depth	300.00 m	Overburden	m	Depth (m)	Core Length and Core Recovery		Cumulative Total
Additional Depth	0.00 m	Core Length	300.00 m	0.00 ~ 115.6	115.6 m	100 %	100 %
Total Depth	300.00 m	Recovery	100.00 %	115.6 ~ 232.4	116.8 m	100 %	100 %
Working Time				232.4 ~ 300	67.6 m	100 %	100 %
Drilling Time	101.0 h	76.5 %	41.9 %				
Trip	10.0 h	7.4 %	4.0 %				
Core Recover	20.0 h	14.7 %	8.1 %				
Down Time	2.0 h	1.5 %	0.8 %				
Fishing Job	0.0 h	0.0 %	0.0 %				
Others	0.0 h	0.0 %	0.0 %				
Sub-Total	135.0 h	100.0 %	54.8 %				
Moved Out and In							
Rig Up	56.0 h		22.6 %				
Tear Down	56.0 h		22.6 %				
Total	248.0 h		100.0 %				

Drilling Efficiency		
T-Depth(m)/T-Working Days	13.64	m/Day
T-Depth(m)/T-Working Shifts	6.82	m/Shift
T-Depth(m)/True-Working Days	13.64	m/Day
T-Depth(m)/True-Working Shifts	9.68	m/Shift
T-Depth(m)/T-Drilling Days	33.33	m/Day
T-Depth(m)/T-Drilling Shifts	16.67	m/Shift
T-Depth(m)/True-Drilling Days	33.33	m/Day
T-Depth(m)/True-Drilling Shifts	18.75	m/Shift
T-Depth(m)/True-Drilling Shifts	17.65	m/Shift
T-Depth(m)/T-Workers	1.36	m/Worker
Actual Drilling Workers/T-Depth(m)	0.28	Worker/m

Casing

Casing Depth and Size		Casing Ratio	Casing Pipe Recovery	
	(m)	(%)	(m)	(%)
86 mm	12.70 m	4.2	9.00	70.9
0 mm	0.00 m	0.0	0.00	

Table II-2-9 Results Of drilling (MJZS-5)

Drilling Period

Class	Working Period	
	Starting Date	~ Finishing Date
Preparation	96/08/21	~ 96/09/03
Drilling	96/09/04	~ 96/09/28
Withdraw	96/09/29	~ 96/09/29
Total	96/08/21	~ 96/09/29

Drilling Depth

Planned Depth	400.00 m	Overburden	m
Additional Depth	0.40 m	Core Length	393.20 m
Total Depth	400.40 m	Recovery	98.20 %

Working Time

Drilling Time	192.0 h	58.2 %	48.9 %
Trip	10.0 h	3.0 %	2.5 %
Core Recover	23.0 h	7.0 %	5.9 %
Down Time	12.0 h	3.6 %	3.1 %
Fishing Job	93.0 h	28.2 %	23.7 %
Others	0.0 h	0.0 %	0.0 %
Sub-Total	330.0 h	100.0 %	84.0 %

Moved Out and In

Rig Up	54.0 h		13.7 %
Tear Down	9.0 h		2.3 %
Total	393.0 h		100.0 %

Casing

Casing Depth and Size	Casing Ratio	Casing Pipe Recovery	
(m)	(%)	(m)	(%)
86 mm 37.70 m	9.4	31.00	90.2
0 mm 0.00 m	0.0	0.00	

Specifications of Working Days

Total Working Days		Day off		True Working Days			
Days	Shift	Days	Shift	Days	Shift	A-shift	*W
14	28	3	15	11	13	15	65
25	50	0	15	25	35	17	175
1	2	0	0	1	2	0	10
40	80	3	30	37	50	32	250

Core Recovery par each 100m

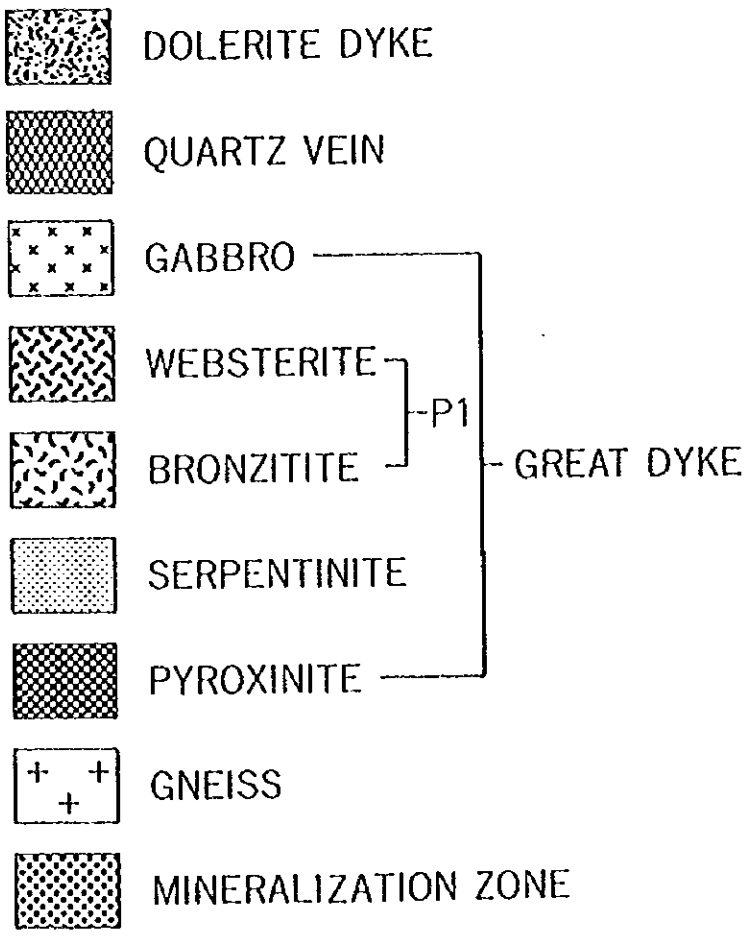
Depth (m)	Core Length and Core Recovery		Cumulative Total
0.00 ~ 15.00	7.80 m	52.00 %	52.00 %
15.00 ~ 115.40	100.40 m	100.00 %	93.76 %
115.40 ~ 208.40	93.00 m	100.00 %	96.55 %
208.40 ~ 316.40	108.00 m	100.00 %	97.72 %
316.40 ~ 400.40	81.00 m	100.00 %	98.20 %

Drilling Efficiency

T-Depth(m)/T-Working Days	10.01	m/Day
T-Depth(m)/T-Working Shifts	5.01	m/Shift
T-Depth(m)/True-Working Days	10.82	m/Day
T-Depth(m)/True-Working Shifts	8.01	m/Shift
T-Depth(m)/T-Drilling Days	16.02	m/Day
T-Depth(m)/T-Drilling Shifts	8.01	m/Shift
T-Depth(m)/True-Drilling Days	16.02	m/Day
T-Depth(m)/True-Drilling Shifts	11.41	m/Shift
T-Depth(m)/True-Drilling Shifts	23.55	m/Shift
T-Depth(m)/T-Workers	1.00	m/Worker
Actual Drilling Workers/T-Depth(m)	0.21	Worker/m

A-4 Drilling columns

Index



MJZS-1-(1)

0m-100m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
5.00		Soil and Gabbro	Red soil - white soil, and Gabbro breccia. Weathered zone.												
8.90															
10.00		Gabbro	8.90m– Green-deep green, compact, hard, fine grain, white spot, holocrystalline, equigranular, plagioclase>orthopyroxene=clinopyroxene 8.90–17.00m rather white, weathered.												
15.00															
20.00															
25.00															
30.00															
35.00															
36.70			35.00–36.70m Green-pale green-white, banding, calcite vein?, or segregation?, angle+-50degree												
40.00															
45.00															
50.00						R- 1	50.00								
55.00															
58.70															
60.00			58.70–61.50m Green-pale green-white, mottled color, coarse grain.												
61.50															
65.00															
70.00															
71.00			71.00–73.70m Calcite-Serpentine? vein many.												
73.70															
75.00															
80.00						R- 2	80.00								
85.00															
90.00															
95.00															
100.00			99.20m Calcite veinlet many.												

Sample (OA:Ore Analysis; TS:Thin Section, PS:Polish; R:Rock)

Fig.II-2-2 Drilling column (MJZS-1)

MJZS-1-(2) 100m-200m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
105.00		Gabbro													
110.00						R- 5	110.00								
115.00															
120.00															
125.00															
130.00															
135.00															
140.00															
145.00															
150.00						R- 4	150.00								
155.00															
160.00															
162.80						R- 3	161.00								
165.00		Websterite	162.80m~ Green-deep green, medium-coarse grain, compact, holocrystalline, equigranular, orthopyroxene=clinopyroxene, very weak sulphide disseminate, 162.80~166.00m weak serpentinite bearing.			R- 6	164.00								
166.00															
170.00						R- 7	170.00								
						T- 1	170.00								
175.00															
180.00															
182.00			182.00~184.50m Crack, chlorite vein?,												
185.00															
190.00						R- 8	190.00								
195.00															
200.00															

Sample (OA-,Ore Analysis; TS-,Thin Section; PS-,Polish; R-,Rock)

Fig.II-2-2 Drilling column (MJZS-1)

MJZS-1-(3)

200m-300m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
205.00		Websterite	Green-deep green, medium grain, heterocystalline, equigranular, orthopyroxene>clinopyroxene, very weak sulphide disseminate,			R- 9	210.00								
210.00															
215.00															
220.00						P- 8	230.80								
						P- 9	232.20								
						P- 10	232.70								
						P- 11	243.30								
						P- 16	250.00								
						R- 10	223.50								
						R- 11	229.50								
						1- 2	229.50								
225.00						R- 12	238.00								
227.00						OA 1	226.70	227.70	1.00	< 1	0.09	< 10	< 10	< 10	0.15
		Serpentinite	227.00m~ Pale green-yellow green-dark color, fine grain, soapy, olivine bearing,			OA 2	227.70	228.50	0.80	1	0.10	14	< 10	< 10	0.16
						OA 3	228.50	229.00	0.50	< 1	0.07	< 10	< 10	< 10	0.16
230.00						OA 4	229.00	229.50	0.50	2	0.03	< 10	< 10	< 10	0.19
						OA 5	229.50	230.00	0.50	< 1	0.11	< 10	< 10	< 10	0.13
			sulphide disseminate rather strong, calcite venlet many,			OA 6	230.00	230.50	0.50	< 1	0.18	< 10	< 10	< 10	0.09
232.00						OA 7	230.50	231.00	0.50	1	0.14	< 10	< 10	< 10	0.16
		Bronzitite	232.00m~ Dark green-dark gray, fine grain, mainly orthopyroxene, heterocystalline, equigranular,			OA 8	231.00	231.50	0.50	3	0.12	< 10	< 10	< 10	0.19
						OA 9	231.50	232.00	0.50	1	0.12	< 10	< 10	< 10	0.18
235.00						OA 10	232.00	232.50	0.50	< 1	0.19	< 10	< 10	< 10	0.17
			sulphide disseminate strong(226.70m~260.00m)			OA 11	232.50	233.00	0.50	< 1	0.05	< 10	< 10	< 10	0.18
						OA 12	233.00	233.50	0.50	2	0.12	< 10	< 10	< 10	0.18
						OA 13	233.50	234.00	0.50	2	0.09	< 10	< 10	< 10	0.19
						OA 14	234.00	234.50	0.50	2	0.12	< 10	< 10	< 10	0.17
240.00						OA 15	234.50	235.00	0.50	2	0.13	< 10	< 10	< 10	0.17
						OA 16	235.00	235.50	0.50	3	0.14	< 10	< 10	< 10	0.19
						OA 17	235.50	236.00	0.50	2	0.11	< 10	< 10	< 10	0.20
						OA 18	236.00	236.50	0.50	3	0.16	< 10	< 10	< 10	0.14
						OA 19	236.50	237.00	0.50	3	0.11	13	< 10	< 10	0.20
245.00						OA 20	237.00	237.50	0.50	5	0.11	< 10	< 10	< 10	0.22
						OA 21	237.50	238.00	0.50	5	0.12	< 10	11	< 10	0.20
						OA 22	238.00	238.50	0.50	3	0.03	< 10	< 10	< 10	0.20
						OA 23	238.50	239.00	0.50	7	0.16	32	< 10	< 10	0.20
						OA 24	239.00	239.50	0.50	5	0.03	15	< 10	< 10	0.19
250.00						OA 25	239.50	240.00	0.50	4	0.10	15	< 10	< 10	0.19
						OA 26	240.00	240.50	0.50	3	0.10	< 10	15	< 10	0.12
						OA 27	240.50	241.00	0.50	10	0.09	< 10	12	< 10	0.26
						OA 28	241.00	241.50	0.50	7	0.09	21	< 10	< 10	0.18
						OA 29	241.50	242.00	0.50	12	0.18	< 10	44	< 10	0.18
255.00						OA 30	242.00	242.50	0.50	25	0.68	< 10	< 10	< 10	0.18
						OA 31	242.50	243.00	0.50	33	0.19	11	< 10	< 10	0.23
						OA 32	243.00	243.50	0.50	14	0.17	15	< 10	< 10	0.19
						OA 33	243.50	244.00	0.50	17	0.09	< 10	< 10	< 10	0.26
						OA 34	244.00	244.50	0.50	5	0.07	< 10	41	< 10	0.09
260.00						OA 35	244.50	245.00	0.50	5	0.03	17	20	< 10	0.18
						OA 36	245.00	245.50	0.50	13	0.13	13	< 10	< 10	0.18
						OA 37	245.50	246.00	0.50	15	0.16	22	12	< 10	0.18
						OA 38	246.00	246.50	0.50	17	0.13	30	31	< 10	0.21
						OA 39	246.50	247.00	0.50	12	0.13	15	37	< 10	0.08
265.00						OA 40	247.00	247.50	0.50	28	0.08	78	76	< 10	0.20
						OA 41	247.50	248.00	0.50	35	0.20	157	162	< 10	0.26
						OA 42	248.00	248.50	0.50	27	0.10	102	122	< 10	0.21
						OA 43	248.50	249.00	0.50	50	0.12	277	168	< 10	0.22
						OA 44	249.00	249.50	0.50	45	0.15	396	228	< 10	0.22
270.00						OA 45	249.50	250.00	0.50	63	0.16	555	444	12	0.24
			270.20~271.30m Dolerite dyke,			OA 46	250.00	251.00	1.00	33	0.13	490	425	15	0.16
						OA 47	251.00	252.00	1.00	22	0.08	536	421	15	0.13
						OA 48	252.00	253.00	1.00	12	0.05	215	353	14	0.08
						OA 49	253.00	254.00	1.00	12	0.05	176	377	< 10	0.08
275.00						OA 50	254.00	255.00	1.00	8	0.45	75	391	< 10	0.10
						OA 51	255.00	256.00	1.00	3	0.02	91	302	< 10	0.06
						OA 52	256.00	257.00	1.00	4	0.02	106	313	< 10	0.06
						OA 53	257.00	258.00	1.00	< 1	0.04	42	243	< 10	0.04
						OA 54	258.00	259.00	1.00	< 1	0.07	< 10	299	< 10	0.04
280.00						OA 55	259.00	260.00	1.00	< 1	0.03	< 10	111	< 10	0.08
						1- 3	247.00								
						1- 12	250.00								
						R- 13	249.50								
						R- 14	268.00								
283.50		Serpentinite	283.50m~ Gray-pale green, fine grain, soapy,			R- 15	281.00								
285.00			calcite venlet many,			R- 16	284.00								
288.20		Harzburgite	288.20m~ Black, fine grain, compact,												
290.00						R- 17	289.70								
			290.00m~ Black-gray-white banding,												
293.00															
		Pyroxenite	293.00m~ Deep green, medium-coarse grain,			R- 18	294.00								
295.00			mainly orthopyroxene>>clinopyroxene,			R- 19	295.70								
300.00															

Sample (OA-,Ore Analysis; TS-,Thin Section; PS-,Polish; R-,Rock)

Fig.II-2-2 Drilling column (MJZS-1)

MJZS-1-(4) 300m-400m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
305.00		Pyroxenite													
310.00															
315.00															
320.00			317.50m– Calcite-serpentine-chlorite vein many.			R- 20	316.40								
325.00															
330.00															
335.00															
340.00						R- 21	339.50								
345.00			341.00–342.30m Felsite dyke?? angle+-45degree												
350.00						R- 22	349.00								
355.00															
357.30						R- 23	355.40								
359.10		Harzbergite or Serpentine	357.30m– Gray, compact, fine grain, olivine many, banded,			R- 24	358.20								
360.00			359.00m–366.50m Dark green-olive green, and soapy, mainly serpentine,												
365.00						R- 25	362.50								
366.50			366.50m– Gray, banded,												
370.00															
372.50		Pyroxenite	372.50m– Dark green, fine grain, orthopyroxene+clinopyroxene,												
374.50															
375.00		Harzbergite or Serpentinite	374.30m– Gray-dark gray-dark green, fine grain, soapy, calcite veinlet many, mottled color, pyroxenite breccia bearing,			R-26	376.40								
380.00															
385.00															
390.00						R- 27	389.70								
390.10		Pyroxenite	angle+-30degree 390.10m– Green-deep green, medium grain, orthopyroxene+clinopyroxene, holocrystalline,												
395.00						R- 28	395.00								
400.00			calcite-serpentine veinlet??, 400.00m Stop.												

Sample (OA:Ore Analysis, TS:Thin Section, PS:Polish, R:Rock)

Fig.II-2-2 Drilling column (MJZS-1)

MJZS-2-(1) 0m-100m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
		Red soil	Weathered zone.												
1.69		Gabbro	1.69m– Green-dark green, fine grain, hard, compact, white and green mottled color, plagioclase>orthopyroxene>clinopyroxene.												
5.00															
10.00															
15.00															
15.86			15.86m–18.86m Pale green, clay, weathered zone.												
18.86															
20.00															
25.00															
30.00															
35.00															
40.00															
45.00															
50.00						K- 1	47.25								
55.00															
60.00															
65.00			60.50m–61.50m Crushed and veinlet, (chlorite ?)												
70.00															
75.00			Gradually change, Plagioclase>orthopyroxene>clinopyroxene.												
80.00															
85.00															
90.00															
95.00															
100.00															

Sample (OA:Ore Analysis, TS:Thin Section, PS:Polish, R:Rock)

Fig.II-2-3 Drilling column (MJZS-2)

MJZS-2-(2)

100m-200m

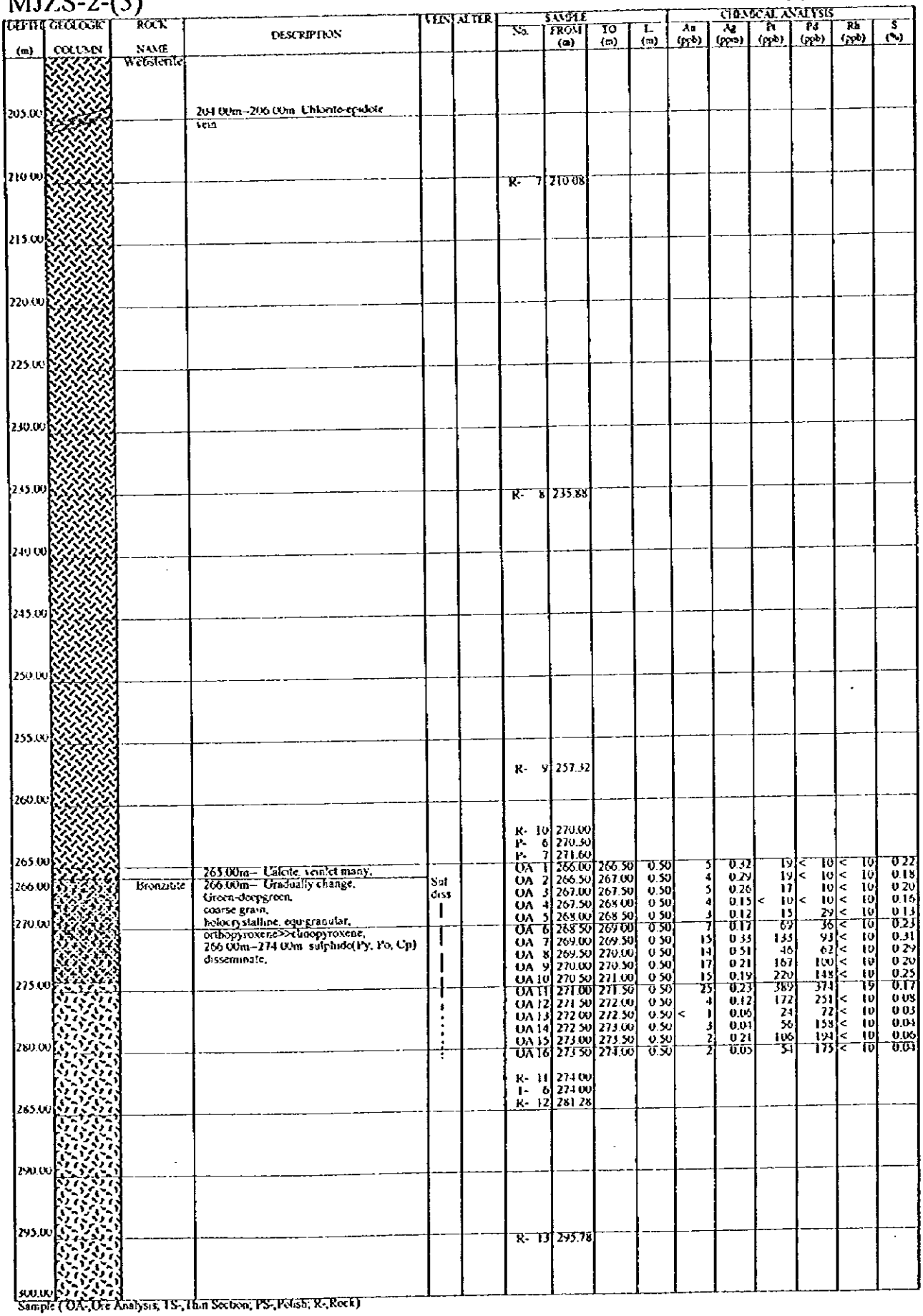
DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
105.00		Gabbro	Green-dark green and white, mottled color, fine grain, hard, compact, equigranular, holocry-stalline,												
110.00															
115.00						I- 4	115.88								
115.60			115.60m Pegmatite ? gradually change to plagioclase-orthopyroxene-clinopyro-xene,			R- 2	115.88								
120.00															
125.00															
130.00															
135.00															
140.00															
145.00															
150.00															
155.00															
160.00															
165.00															
170.00						R- 1	169.15								
175.00															
180.00															
184.18						R- 4	181.88								
185.00		Websterite	184.18m- Deep green color,			R- 5	184.84								
190.00			medium-coarse grain, hard, compact, holocrystalline, equigranular, orthopyroxene>clinopyroxene, very weak sulphide disseminate,												
195.00			191.00m weak chlorite vein(et(W=2cm)			R- 6 I- 5	190.18 190.18								
200.00															

Sample (OA:Ore Analysis, TS:Thin Section, PS:Polish, R:Rock)

Fig.II-2-3 Drilling column (MJZS-2)

MJZS-2-(3)

200m-300m



SAMPLE No.	FROM (m)	TO (m)	L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
R- 7	210.08								
R- 8	235.88								
R- 9	257.32								
R- 10	270.00								
P- 6	270.50								
P- 7	271.60								
OA 1	266.00	266.50	0.50	5	0.32	19	< 10	< 10	0.22
OA 2	266.50	267.00	0.50	4	0.29	19	< 10	< 10	0.18
OA 3	267.00	267.50	0.50	5	0.26	17	10	< 10	0.20
OA 4	267.50	268.00	0.50	4	0.15	< 10	< 10	< 10	0.16
OA 5	268.00	268.50	0.50	3	0.12	15	29	< 10	0.13
OA 6	268.50	269.00	0.50	7	0.17	69	36	< 10	0.23
OA 7	269.00	269.50	0.50	15	0.35	135	93	< 10	0.31
OA 8	269.50	270.00	0.50	14	0.51	46	62	< 10	0.29
OA 9	270.00	270.50	0.50	17	0.21	167	100	< 10	0.20
OA 10	270.50	271.00	0.50	15	0.19	220	148	< 10	0.25
OA 11	271.00	271.50	0.50	25	0.23	389	374	19	0.17
OA 12	271.50	272.00	0.50	4	0.12	172	251	< 10	0.08
OA 13	272.00	272.50	0.50	< 1	0.05	24	72	< 10	0.03
OA 14	272.50	273.00	0.50	3	0.01	56	158	< 10	0.04
OA 15	273.00	273.50	0.50	2	0.21	106	194	< 10	0.06
OA 16	273.50	274.00	0.50	2	0.05	51	175	< 10	0.03
R- 11	274.00								
I- 6	274.00								
R- 12	281.28								
R- 13	295.78								

Sample (OA:Ore Analysis, TS:Thin Section, PS:Polish, R:Rock)

Fig.II-2-3 Drilling column (MJZS-2)

MJZS-2-(4)

300m-400m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
		Bronzitite													
302.40		Harzbergite or Serpentinite	320.40m– Green-olive green-white, mottled color, Soapy, pale green serpentine and olivine ?												
305.00						R- 14	304.50								
307.98						R- 15	306.38								
310.00		Pyroxenite	307.98m– Dark green, coarse grain, equigranular, orthopyroxene=clinopyroxene,												
315.00				cal vein		R- 16	310.50								
318.93															
320.00		Dolerite	318.93m–321.78m Dyke, olive green, brecciated,												
321.78		Pyroxenite	321.78m– Dark green, coarse gram, orthopyroxene=clinopyroxene, clinopyroxene clear and many.												
325.00															
330.00															
335.00															
340.00						R- 17	340.50								
345.00															
350.00															
351.50		Dolerite	351.50m–354.00m Dyke, olive green, brecciated, both side boundary 50 degree about same to upper 307.98m–												
354.00															
355.00		Pyroxenite	Dark green, coarse grain, orthopyroxene=clinopyroxene, clinopyroxene clear and many.												
360.00															
365.00															
370.00															
375.00															
380.00						R- 18	380.50								
384.08															
385.00		Harzbergite or Serpentinite	384.08m– Gray-green-dark green-black, line grain, soapy, center part olivine and green serpentine many, both side banding.			R- 19	384.00								
390.00						R- 20	386.88								
						R- 21	389.60								
391.70						R- 22	393.00								
395.00		Pyroxenite	391.70m– Green-light green, medium grain, equigranular, orthopyroxene>>clinopyroxene,			R- 23	395.60								
400.00															

Sample (UA:,Ore Analysis; TS:,Thin Section; PS:,Polish; R:,Rock)

Fig.II-2-3 Drilling column (MJZS-2)

MJZS-2-(5)

400m-500m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
405.00		Pyroxenite	Green-light green, medium grain, equigranular, orthopyroxene>>clinopyroxene.			R- 24 I- 7	401.50 401.50								
410.00															
415.00															
420.00															
425.00						R- 25	424.00								
430.00															
435.00															
440.00															
445.00						R- 26	444.00								
450.00															
455.00															
460.00															
465.00						R- 27	463.00								
470.00															
472.38						R- 28	470.50								
475.00		Harzburgite	472.38m– Green-pale green, fine grain, soft, banding, serpentine many.			R- 29	472.60								
480.00			477.05m– Black, olivine many, white mottled pattern.			R- 30 R- 31	476.70 478.30								
485.00						R- 32	482.00								
490.00						R- 33 I- 8	486.00 486.00								
495.00						R- 34	491.00								
500.00			500.00m Stop			R- 35	497.00								

Sample (OA-,Ore Analysis, TS-,Thin Section, PS-,Polish, R-,Rock)

Fig.II-2-3 Drilling column (MJZS-2)

MJZS-3-(1) 0m-100m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
0.00		Red soil	Weathered zone,												
5.00		Gabbro	5.00m– Deep green, hard, compact, medium grain, equigranular, holocrystalline, plagioclase>>clinopyroxene(light purple color)>orthopyroxene(pale green color)												
10.00															
15.00			12.76m– Pale green, soft, part sandy and clayish, weathered part,												
20.00															
25.00															
30.00															
35.00															
40.00			35.60m– White-gray, mottled color, hard, compact, medium-coarse grain, equigranular, holocrystalline, plagioclase>>orthopyroxene(pale green -green)>clinopyroxene(very weak), very weak Py disseminate, 39.66m weak crushed, clay zone (W=20cm)			R- 1	37.50								
45.00															
50.00															
55.00			53.50m–55.70m weak crushed, calcite-chlorite veinlet many,												
60.00															
65.00			61.25m– Green-deep green, hard, medium grain, equigranular, plagioclase>>clinopyroxene>Orthopyroxene			R- 2	63.05								
70.00			67.50m– gradual change, plagioclase>orthopyroxene>>clinopyroxene,												
75.00			71.30m– Green-deep green-black, medium-fine grain, equigranular, holocrystalline, plagioclase>clinopyroxene=orthopyroxene,												
80.00															
85.00			82.25m–82.55m Calcite-chlorite vein (W=1cm)												
90.00						R- 3	88.00								
95.00			91.00m–95.00m Chlorite veinlet many,												
100.00															

Sample (OA-;Ore Analysis, TS-;Thin Section; PS-;Polish; R-;Rock)

Fig.II-2-4 Drilling column (MJZS-3)

MJZS-3-(2)

100m-200m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
105.00		Gabbro	Green-deep green-part black, medium grain, equigranular, holocrystalline texture, plagioclase>clinopyroxene>orthopyroxene.	:											
110.00															
115.00															
120.00			120.00–120.40m Quartz-calcite-chlorite (weak Py) vein, W=10cm			R- 4	121.40								
125.00															
130.00															
135.00															
140.00															
145.00															
150.00						R- 5	150.00								
155.00															
160.00															
165.00			163.90m– Boundary weak Py disseminate, Green-pale green, white, pale green, part black mottled color, medium-coarse grain, equigranular, holocrystalline.			R- 6	165.00								
170.00			169.50m calcite-chlorite vein, W=5cm, some part banded structure(chlorite?) plagioclase>orthopyroxene>>clinopyroxene.												
175.00															
180.00															
185.00						R- 7	185.00								
188.49															
190.00		Websterite	188.49m– Green-deep green, purple spot, medium-fine grain, equigranular, holocrystalline, plagioclase<clinopyroxene=orthopyroxene												
195.00						R- 8	193.00								
200.00															

Sample (OA:Ore Analysis; TS:Thin Section, PS:Polish; R:Rock)

Fig.II-2-4 Drilling column (MJZS-3)

MJZS-3-(3) 200m-300m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	FROM (m)	TO (m)	L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
205.00		Websterite	Green-deep green, medium-fine grain, equigranular, holocrystalline, plagioclase<clinopyroxene=orthopyroxene												
210.00			208.25m–210.60m Gradual boundary, medium-coarse grain, orthopyroxene many												
215.00			210.60m– medium-fine grain, orthopyroxene=clinopyroxene>plagioclase												
220.00															
225.00						R- 9	221.00								
230.00			227.60m–229.30m Green, coarse grain, orthopyroxene=plagioclase>clinopyroxene												
235.00			229.30m– medium-fine grain,												
240.00															
245.00			241.50m–246.56m Light green-green, coarse grain, orthopyroxene=plagioclase, 243.66m Calcite-chlorite vein,												
250.00			246.56m– Green-deep green, fine grain, equigranular, purple spot (clinopyroxene)			R- 10	245.00								
255.00															
260.00															
265.58						R- 11	260.00								
265.00		Bronzitite	265.58m– Green-olive green color,			R- 12	267.75								
			hard, compact, coarse grain(d=0.5-1cm)	chl		P- 1	269.20								
			holocrystalline, equigranular,			OA 1	263.50	264.50	1.00	2	2.70	< 10	< 10	< 10	0.17
			orthopyroxene(green-deep green)>>clinopyroxene(light purple color),			OA 2	264.50	265.50	1.00	2	0.17	< 10	< 10	< 10	0.17
270.00			uppermost sulphide(Py:Po?) disseminate,			OA 3	265.50	266.50	1.00	< 1	0.42	< 10	< 10	< 10	0.16
			(sulphide d=1-0.5mm),			OA 4	266.50	267.50	1.00	< 1	0.16	< 10	< 10	< 10	0.17
			partly chlorite veinlet,			OA 5	267.50	268.00	0.50	< 1	0.28	13	< 10	< 10	0.16
			Lower part medium grain,			OA 6	268.00	268.50	0.50	< 1	3.57	< 10	< 10	< 10	0.17
275.00			sulphide disseminate become weak to very weak (d<<0.5mm),			OA 7	268.50	269.00	0.50	< 1	1.49	< 10	< 10	< 10	0.17
						OA 8	269.00	269.50	0.50	2	1.20	< 10	< 10	< 10	0.17
						OA 9	269.50	270.50	1.00	< 1	0.60	< 10	< 10	< 10	0.15
						OA 10	270.50	271.50	1.00	< 1	0.40	< 10	< 10	< 10	0.17
						OA 11	271.50	272.50	1.00	< 1	0.43	< 10	< 10	< 10	0.14
280.00						OA 12	272.50	273.50	1.00	< 1	0.31	< 10	< 10	< 10	0.16
285.00						R- 13	280.00								
290.00															
295.00															
300.00															

Sample (OA:Ore Analysis, TS:Thin Section, PS:Polish, R:Rock)

Fig.II-2-4 Drilling column (MJZS-3)

MJZS-3-(4)

300m-400m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
305.00		Bronzitite or Orthopyroxenite	Green-light green-live green color, coarse-medium grain, orthopyroxene>>clinopyroxene,												
310.00						R- 14	309.00								
315.00															
320.00															
325.00			325.00m~325.75m brecciated, chlorite rich,												
330.00						P- 2	341.10								
335.00						R- 15	342.50								
			335.00m~350.00m Gradualy change, sulphide dissemination, d=0.5-1mm, partly>=2% of sulphide, and filled between grain boundary,			OA 13	335.00	336.00	1.00	3	0.10	< 10	< 10	< 10	0.18
						OA 14	336.00	337.00	1.00	6	0.30	< 10	< 10	< 10	0.18
						OA 15	337.00	338.00	1.00	5	1.02	< 10		14	< 10	0.18
						OA 16	338.00	339.00	1.00	11	0.71	< 10		15	< 10	0.20
340.00						OA 17	339.00	340.00	1.00	7	0.12	< 10		13	< 10	0.18
						OA 18	340.00	341.00	1.00	14	1.43		11	< 10	< 10	0.21
						OA 19	341.00	341.50	0.50	6	0.15	< 10	< 10	< 10	0.16
						OA 20	341.50	342.00	0.50	9	0.49	< 10	< 10	< 10	0.14
						OA 21	342.00	342.50	0.50	12	0.56	< 10		24	< 10	0.20
345.00						OA 22	342.50	343.00	0.50	11	0.10	< 10	< 10	< 10	< 10	0.20
						OA 23	343.00	343.50	0.50	24	0.20	< 10		16	< 10	0.25
						OA 24	343.50	344.00	0.50	24	0.15		29	16	< 10	0.27
						OA 25	344.00	345.00	1.00	20	0.14		45	23	< 10	0.23
						OA 26	345.00	346.00	1.00	20	0.20		44	29	< 10	0.20
350.00						OA 27	346.00	347.00	1.00	45	0.10		166	108	< 10	0.22
						OA 28	347.00	348.00	1.00	36	0.30		324	175	< 10	0.25
						OA 29	348.00	349.00	1.00	48	0.10		585	331		14	0.25
						OA 30	349.00	350.00	1.00	40	0.24		510	355		51	0.18
						OA 31	350.00	351.00	1.00	25	0.18		438	393		47	0.15
355.00																	
360.00																	
365.00																	
370.00						R- 16	370.00										
375.00																	
380.00																	
385.00																	
390.00						R- 17	390.00										
393.50																	
395.00		Dunite or Harzbergite	Boundary gradualy change,			R- 18	395.00										
			black-black and white mottled color, soft, soapy face, serpentinized ?, olivine, magnetite, chromite many,														
400.00						R- 19	398.00										

Sample (OA-Ore Analysis, TS-Thin Section, PS-Polish, R-Rock)

Fig.II-2-4 Drilling column (MJZS-3)

MJZS-3-(5)

400m-500m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
405.00		Bronzitite or Orthopyroxenite	400.00m– Gradualy change, olive green color, medium grain, holocrystalline, equigranular, orthopyroxene-clinopyroxene, sulphide dissemination (mainly Py) very weak. 405.80m–408.00m chlorite banding.												
410.00						R- 20	410.00								
415.00			413.00m–416.00m chlorite banding.												
420.00			no sulphide mineralization, weak pale green veinlet (chlorite and serpentine ?)												
425.00															
430.00															
435.00															
440.00						R- 21	440.00								
445.00															
450.00															
455.00															
460.00															
465.00															
470.00						R- 22	470.00								
475.00															
475.88		Dunite or Harzburgite (Serpentinite)	475.88m– Gradualy change, black color, fine grain, rather soft, mainly olivin, and pale green serpentine may be magnetite include.												
480.00						R- 23	479.00								
						R- 24	481.50								
485.00															
						R- 25	485.00								
487.64		Pyroxenite	487.64m– Green-olive green color, medium grain, holocrystalline, equi-granular, mainly orthopyroxene-clinopyroxene.												
490.00															
495.00						R- 26	495.00								
500.00			500.00m Stop												

Sample (OA-,Ore Analysis; TS-,Thin Section, PS-,Polish; R-,Rock)

Fig.II-2-4 Drilling column (MJZS-3)

MJZS-4-(1)

0m-100m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No	FROM (m)	TO (m)	L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
0.00		Soil and Websterite													
5.00															
10.00															
12.70		Websterite	12.70m– Green-dark green color, medium green, hard, holocrystalline, orthopyroxene=clinopyroxene, weak sulphide disseminate,												
15.00															
20.00															
25.00															
30.00															
35.00															
40.00															
45.00															
50.00															
55.00															
56.70		Bronzitite	56.70m– Green-olive green, coarse grain, holocrystalline, equigranular, orthopyroxene>clinopyroxene,												
60.00															
65.00															
70.00			68.5m–85m sulphide disseminate, (Po,Py,Cp?), may be MSZ			P- 12 P- 13	70.70 82.15								
75.00						OA 1 OA 2 OA 3 OA 4 OA 5 OA 6 OA 7 OA 8 OA 9 OA 10	70.00 71.00 72.00 73.00 74.00 75.00 76.00 77.00 78.00 79.00	71.00 72.00 73.00 74.00 75.00 76.00 77.00 78.00 79.00 80.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1 < 1 2 2 2 3 4 5 7 7	0.08 0.10 0.12 0.12 0.18 0.10 0.12 0.42 0.13 0.11	< 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10	< 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 17 < 10	< 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10 < 10	0.16 0.16 0.17 0.16 0.19 0.19 0.18 0.19 0.24 0.18
80.00						OA 11 OA 12 OA 13 OA 14 OA 15 OA 16 OA 17	80.00 81.00 82.00 83.00 84.00 85.00 86.00	81.00 82.00 83.00 84.00 85.00 86.00 87.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00	9 7 25 13 19 31 37	0.12 0.14 0.15 0.14 0.55 0.17 0.11	< 10 < 10 < 10 < 10 < 10 111 224	< 10 < 10 < 10 < 10 14 68 133	< 10 < 10 < 10 < 10 < 10 < 10 < 10	0.20 0.18 0.25 0.17 0.52 0.24 0.25
85.00															
90.00			90m– Weak calcite veinlet												
95.00															
100.00															

Sample (OA:Ore Analysis, TS:Thin Section, PS:Polish, R:Rock)

Fig.II-2-5 Drilling column (MJZS-4)

MJZS-4-(2)

100m-200m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	FROM (m)	TO (m)	L (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
105.00		Bronzitite													
110.00			110.60m–111.20m Dolerite dyke,												
115.00															
120.00			121.50m–127.80m Crushed part,												
125.00															
130.00															
130.70		Harzburgite or Serpentinite	130.70m–136.00m Gray-black-green, fine grain, banding, scapy,												
135.00															
136.00		Bronzitite	136.00m– Green-olive green, coarse grain, holocrystalline, equi-granular, orthopyroxene>clinopyroxene,												
140.00															
145.00			140m–155m sulphide disseminate, mainly Py, Cp, Po, may be ISZ,			OA 18	143.00	144.00	1.00	11	0.23	< 10	< 10	< 10	0.18
						OA 19	144.00	145.00	1.00	8	0.10	< 10	< 10	< 10	0.21
						OA 20	145.00	146.00	1.00	8	0.14	< 10	< 10	< 10	0.17
						OA 21	146.00	147.00	1.00	9	0.15	35	< 10	< 10	0.18
						OA 22	147.00	148.00	1.00	14	0.14	< 10	< 10	< 10	0.20
						OA 23	148.00	149.00	1.00	23	0.24	86	< 10	< 10	0.23
150.00						OA 24	149.00	150.00	1.00	22	1.10	215	19	< 10	0.22
			145m–155m small calcite-serpentine veinlet many,			OA 25	150.00	151.00	1.00	52	0.42	302	45	< 10	0.19
						OA 26	151.00	152.00	1.00	29	0.52	426	111	< 10	0.18
						OA 27	152.00	153.00	1.00	14	0.10	270	81	< 10	0.05
155.00						P- 14	148.75								
						P- 15	150.50								
						t- 11	150.50								
160.00															
165.00			163.00m–166.00m Dolerite dyke, gray-deep green, fine grain, both side contact altered, angle= 70-80 degree												
170.00															
175.00															
			176.50m–178.50m Dolerite dyke, both side contact 70-80 degree												
180.00															
185.00															
190.00			190.00m–190.80m Dolerite dyke,												
195.00															
200.00															

Sample (OA-;Ore Analysis, TS-;Thin Section; PS-;Polish; R-;Rock)

Fig.II-2-5 Drilling column (MJZS-4)

MJZS-4-(3)

200-300m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
205.00		Bronzitite													
210.00															
215.00															
216.06		Harzbergite or Serpentinite	216.00m–222.00m Black-gray-white, hue grain, banding, soapy, olivin and serpentine many.												
220.00															
222.00															
225.00		Bronzitite and Websterite	222.00m– Olive green, coarse grain, orthopyroxene>clinopyroxene, holocrystalline.												
230.00															
235.00															
240.00			237.50m–238.00m felsic rock dyke angle 60 degree												
245.00															
250.00															
255.00			251.00m–251.60m felsic rock dyke angle 70 degree												
260.00			256.50m–257.00m felsic rock dyke, 70 degree angle 70 degree Calcite-green clay(chlorite?) and serpentine veinlet many.												
265.00															
270.00															
275.00															
280.00															
285.00															
290.00															
295.00															
300.00			300.00m Stop												

Sample (OA:,Ore Analysis; TS:,Thin Section; PS:,Polish; R:,Rock)

Fig.II-2-5 Drilling column (MJZS-4)

MJZS-5-(1) 0m-100m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
		Soil and Gabbro brock	Red clay and green gabbro (brock)												
5.00															
6.89															
		Gabbro	6.89m– Green-deep green, hard, fine grain, white-green mottled color,												
10.00															
15.00															
			15.00m– Pale green soil,												
			18.50m–20.46m White whetherd gabbro,												
20.00															
						R- 1	22.47								
25.00			24.80m–25.00m Pegmatite ?												
25.07		Websterite	25.07m– Green-deep green color, hard, compact, medium grain, holocrystalline, equigranular, orthopyroxene-clinopyroxene, sulphide (Py,Cp,Po?) weak disseminate,	Sul											
						R- 2	28.20								
30.00															
			33.50m–33.70m Chlorite-serpentine vein												
35.00															
40.00															
45.00															
50.00															
55.00															
60.00						R- 3	60.00								
65.00															
70.00															
75.00			74.20m Pegmatite ? (W=20cm)												
80.00															
85.00															
			85m– Gradualy strong sulphide mineralization (Py,Cp,Po?)												
90.00						R- 4	90.00								
95.00															
100.00															

Sample (UA:Ore Analysis; TS:Thin Section; PS:Polish; R:Rock)

Fig.II-2-6 Drilling column (MJZS-5)

MJZS-5-(2)

100m-200m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L (m)	CHEMICAL ANALYSIS As (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
105.00		Websterite	Medium grain, equigranular, holocrystalline texture, orthopyroxene>clinopyroxene,												
110.00															
115.00			sulphide mineralization become weak.												
120.00						R- 5	120.00								
125.00															
130.00															
135.00															
140.00															
145.00						R- 6	145.00								
148.34															
150.00		Harzbergite (Serpentinite)	148.34m– Boundary gradualy change. Black-deep green-pale green, black and white mottled color or network rather soft, olivin many.												
						R- 7	151.00								
155.00						R- 8	153.30								
						P- 3	164.80								
						P- 4	165.70								
159.00						R- 9	160.00								
160.00		Bronzitite	159.00m– Green-deep green, medium grain, orthopyroxene>clinopyroxene,			R- 10	165.00								
			160m–172.5m sulphide disseminate,			OA 1	160.00	161.00	1.00	< 1	0.09	9	36	< 10	0.03
						OA 2	161.00	162.00	1.00	5	0.30	13	< 10	< 10	0.22
						OA 3	162.00	163.00	1.00	12	0.81	32	< 10	< 10	0.22
						OA 4	163.00	164.00	1.00	15	0.46	56	< 10	< 10	0.25
165.00						OA 5	164.00	164.50	0.50	10	0.40	43	< 10	< 10	0.24
						OA 6	164.50	165.00	0.50	8	0.26	57	< 10	< 10	0.22
						OA 7	165.00	165.50	0.50	18	0.22	47	< 10	< 10	0.22
						OA 8	165.50	166.00	0.50	18	0.24	109	< 10	< 10	0.26
						OA 9	166.00	166.50	0.50	18	0.23	90	< 10	< 10	0.22
170.00						OA 10	166.50	167.50	1.00	26	0.26	148	< 10	< 10	0.21
						OA 11	167.50	168.50	1.00	98	0.16	383	27	< 10	0.23
						OA 12	168.50	169.50	1.00	22	0.20	598	147	17	0.12
						OA 13	169.50	170.50	1.00	15	0.17	518	138	15	0.10
						OA 14	170.50	171.50	1.00	8	0.16	467	152	29	0.08
175.00						OA 15	171.50	172.50	1.00	7	0.08	431	168	24	0.07
180.00															
185.00															
190.00						R- 11	190.00								
			192.50m–193.00m Dolerite dyke ? (W=20cm, angle=70degree).												
195.00			195m– Almost orthopyroxene>>clino-pyroxene.												
200.00															

Sample (OA-,Ore Analysis; TS-,Thin Section; PS-,Polish; R-,Rock)

Fig.II-2-6 Drilling column (MJZS-5)

MJZS-5-(3) 200m-300m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (cm)	CHEMICAL ANALYSIS As (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
205.00		Bronzitite	Amost no mineralization,												
210.00															
215.00															
220.00						R- 12	217.50								
225.00															
229.50						R- 13	227.00								
235.00		Harzbergite or Serpentinite	229.50m– Gray-olive green banding, olivine-serpentine many.			R- 14	230.00								
			234m–240m mottled color,			R- 15	233.00								
240.00						R- 16	236.00								
243.04			240m– banding again,			R- 17	241.00								
245.00		Bronzitite	240.03m– Gray-green-olive green, coarse grain equigranular, mainly orthopyroxene holocrystalline,			R- 18	244.00								
250.00															
255.00			253m–254m chlorite?-serpentine vein,												
260.00			258.00m unit boundary, coarse grain,			R- 19	258.00								
265.00															
270.00			267m–268m Dolerite dyke W=10cm, angle 70 degree												
275.00															
280.00						R- 20	280.00								
285.00															
290.00															
295.00															
300.00															

Sample (OA:Ore Analysis; TS:Thin Section, PS:Polish; R:Rock)

Fig.II-2-6 Drilling column (MJZS-5)

MJZS-5-(4)

300m-400m

DEPTH (m)	GEOLOGIC COLUMN	ROCK NAME	DESCRIPTION	VEIN	ALTER	SAMPLE No.	SAMPLE FROM (m)	SAMPLE TO (m)	SAMPLE L. (m)	CHEMICAL ANALYSIS Au (ppb)	Ag (ppm)	Pt (ppb)	Pd (ppb)	Rh (ppb)	S (%)
305.00		Breccilite				R- 21	304.00								
310.00						R- 22	309.44								
310.30		Harzbergite or Serpentinite	310.30m– White-pale green-green-dark rgreen, banding and mottled color, fine grain, soapy.			R- 23	311.44								
315.00															
320.00						R- 24 I- 9	317.20 317.20								
325.00						R- 25	322.00								
326.76		Dolerite	326.76m Boundary calcite vein (W=5cm), dark green-black, fine grain, compact,			R- 26	328.30								
330.00						R- 27	331.70								
335.00			334m calcite vein many.												
337.74			337.74m calcite vein many.												
340.00		Harzbergite or Serpentinite	deep green, fine-medium grain, deep green, solder skin pattern, compact, not much soapy.			R- 28 I- 10	340.50 340.50								
345.00															
350.00						R- 29	350.20								
355.00															
360.00			360m– White spot many (calcite ?).			R- 30	360.00								
365.00															
370.00						R- 31	371.00								
375.00															
380.00			377.0m– White-pale green, banding, serpentine strong, soapy and breccciate.			R- 32	380.00								
385.00															
390.00			389m– Dark green-black color.												
395.00															
400.00			400.44m Stop			R- 33	397.50								

Sample (OA:,Ore Analysis; TS:,Thin Section; PS:,Polish; R:,Rock)

Fig.II-2-6 Drilling column (MJZS-5)