

(3) Ores of the Sautbay deposit are hornblende-clinopyroxene skarn accompanied by scheelite and hornblende-clinopyroxene-pyrrhotite skarn, containing pyrite, pyrrhotite, chalcopyrite and marcassite, and rarely bismuthinite, native bismuth, arsenopyrite, sphalerite, galena, chalcocite and covellite.

The homogenization temperatures of the fluid inclusions of two samples of quartzite veins are 110-346°C, showing distributions similar to those of the Bulutkan district.

### 1-3 Bulutkan District

(1) The TEM and TDIP surveys determined the resistivity structure to a depth of about 200m and the near surface IP character of the survey area.

① The survey area can be divided into three distinct zones by its resistivity structure.

a) "Southern structural zone" In the southern part of the survey area there are mainly layers of medium to high resistivity rock from the surface to depth.

b) "Central structural zone" The central survey area is conductive with surface layers of medium to high resistivity occurring locally. These surface layers vary in thickness from 10 m to more than 100 m, in some places.

c) "Northern structural zone" The resistivity structure consists of three layers in the northern part of the survey area. There is a conductive layer, about 100 m thick, at the surface. This is underlain by a second layer which is very conductive and a third layer of moderate conductivity.

② In the southern structural zone, IP values are low (under 30 mV/V), while in the central structural zone there is an anomalous IP high (over 60 mV/V) which lies in a belt extending in the WNW-ESE direction. IP values change sharply at the boundary of this anomaly.

③ The sharp boundary between the IP low and high in central structural zone may indicate the north end of the syenodiorite body.

(2) The geophysical survey revealed that the Bulutkan deposit is in the central structural zone near the southern structural zone and indicates high resistivity and high IP chargeability. The electrical section is resistive from the surface to depth with IP values of 40 to 50 mV/V.

Zones of prospective ore deposition, similar to the Bulutkan ore deposit, must fulfill the following conditions. In the central structural zone, prospective areas must be

resistive or very resistive and IP chargeability values must be high (over 40 mV/V).

Therefore five resistive zones in the central structural zone have potential of bearing ore deposits like Bulutkan.

(3) In the surface portion of the Bulutkan deposit, an ore body of 32m wide (true width) was confirmed by trenching. The drilling aimed at the lower extension of the deposit captured gold mineralization at the drillholes Nos. MJUB-1 and -7, confirming the continuous mineralization up to about 100m below the surface. It was also clarified that the ore body strikes WNW-ESE and dips about 70°N.

The ore body with gold mineralization is composed of silicified rocks accompanied by fine-grained quartz veins and chalcedony at the upper portion, while the lower portion comprises skarn ore body accompanied by sulfide veins. The ore bodies assume the WNW-ESE strike and are distributed in close relations with dikes of lamprophyre and diorite intruding in the same direction. The non-coring drilling that the Kokpatas Expedition carried out at the east and west extensions of the ore body also ascertained gold mineralization, though low in grade; therefore, the ore body may be presumed to extend in the WNW-ESE direction. These intrusive rocks and ore bodies are considered to be controlled by a group of fractures that strikes WNW-ESE and dips 65-70°N. It is considered that the skarn ore body in the lower portion occurs at the intersection of the group of fractures with the horizon containing carbonate rocks and that the bonanza is considered to plunge toward the ESE direction.

(4) The mineral components of the Bulutkan deposit in its upper portion, are the silicified rocks composed mainly of quartz, chalcedony, natrojarosite, goethite, limonite and lepidochroite, accompanied by pyrrhotite and gypsum, whilst the skarn in the lower portion is the hornblende-pyroxene skarn composed mainly of quartz, chlorite, pyrite, marcasite, pyrrhotite, arsenopyrite, chalcopyrite, containing small quantities of scheelite, epidote and garnet, the mineral composition being similar to that of the skarn in the Sautbay deposit.

The auriferous mineral occurs in the form of native gold in quartz and chalcedony. The microscopic observation of polished sections confirmed no auriferous mineral in sulfide minerals such as pyrite in the skarn with gold mineralization. In this case, the auriferous mineral possibly is in extra-fine grains or has substituted the internal texture of pyrite, etc.

(5) The homogenization temperature of the fluid inclusions of quartz veins and chalcedony ranges from 100°C to 378°C. Samples of the silicified rocks with gold mineralization collected at trenches show a homogenization temperature range of approximately 150°C-250°C, whereas samples taken from the skarn or syenodiorite have a higher range of 250°C-350°C. Portions where gold mineralization and skarnization are overlapped are in a range of about 150°C-330°C. Samples with the solid phase, presumably halite, occurring by the side of syenodiorite, often show high homogenization temperatures exceeding 300°C.

It is therefore presumable that the quartz veins were formed through more than a single stage and the gold mineralization was accompanied by a late-stage, low-temperature quartz. In case of the ore body of the Bulutkan deposit, it is highly likely that the gold mineralization accompanied by low-temperature quartz was added, subsequent to the skarnization.

(6) Relatively high-grade and continuous gold mineralization was confirmed by drilling aimed at the lower portion of the Bulutkan deposit: Au 2.8g/t and Ag trace at the drillhole MJUB-1 between the depths of 86.0-88.0m(true width 1.1m); Au 4.3g/t and Ag 1.1g/t at MJUB-7 between 0.0-10.4m(true width 5.5m); and, Au 21.2g/t and Ag 4.3g/t at the same drillhole between 36.1-51.0m(true width 7.9m). Outside of the Bulutkan deposit, Au 2.3g/t and Ag 36.1g/t were confirmed at MJUB-3 between 82.0-84.0m(true width 1.6m). All the mineralization occurs in the Proterozoic near the north side of the syenodiorite stock.

(7) Relatively high-grade and continuous gold occurrence was confirmed at the trench T-2 aimed at exploring the upper part of the Bulutkan deposit: Au 11.7g/t and Ag 1.8g/t between 228.4-248.6m(true width 19.0m); Au 7.0g/t and Ag trace between 252.1-253.4m(true width 1.2m); and, Au 2.4g/t and Ag trace between 260.2-264.3m(true width 3.9m). At the other trenches than T-2, no gold indication exceeding Au1.0g/t was confirmed. At T-3, T-6 and T-10, however, low-grade but relatively continuous gold mineralization was confirmed in the Proterozoic in the vicinity of the syenodiorite stock.

Furthermore, the trenching carried out by the Uzbek confirmed at the trench P-819 (near the west side of the southern tip of T-3) Au 74.7g/t between 107.0-109.0m(2.0m); and, at P-822(near the west side of the southern tip of T-5), Au 31.0g/t between 98.0-106.0m(8.0m).

(8) Geochemical anomalies at this district were recognized near the main mineralization zone confirmed by the trenching survey, the fracture zones and the dikes, and also in the syenodiorite body near the border with the Kokpatas Formation.

Apart from the main gold mineralization zones confirmed by the ore analysis, geochemical anomalies of gold are concentrated along the syenodiorite body, therefore, predominant gold mineralization is considered to have occurred alongside of the syenodiorite body.

(9) The second fiscal year's survey ascertained indications of continuous mineralization in the zone near the north side of the syenodiorite stock extending in the WNW-ESE direction, which suggests high potentials of occurrence of ore deposits similar to the Bulutkan deposit.

## Chapter 2 Recommendations for the Phase III Survey

On the basis of this fiscal year's survey results, the following areas and survey methods are recommended, in the order of priority, for the Phase III survey:

### 1) Bulutkan district

(1) Gold mineralization has been confirmed also by the Uzbek non-core drilling aimed at the east-west extension of the Bulutkan deposit's bonanza extending in the WNW-ESE direction.

To confirm ore reserves and grades, it is recommended to explore the east-west extension of the ore body by trenching and drilling.

(2) Besides the Bulutkan deposit, mineral showings have been found out, in the Proterozoic near the north side of the syenodiorite body extending in the WNW-ESE direction. In this area, five high-resistivity zones have been extracted on the basis of the geophysical survey results, which have high potentials of occurrence of ore deposits similar to the Bulutkan deposit.

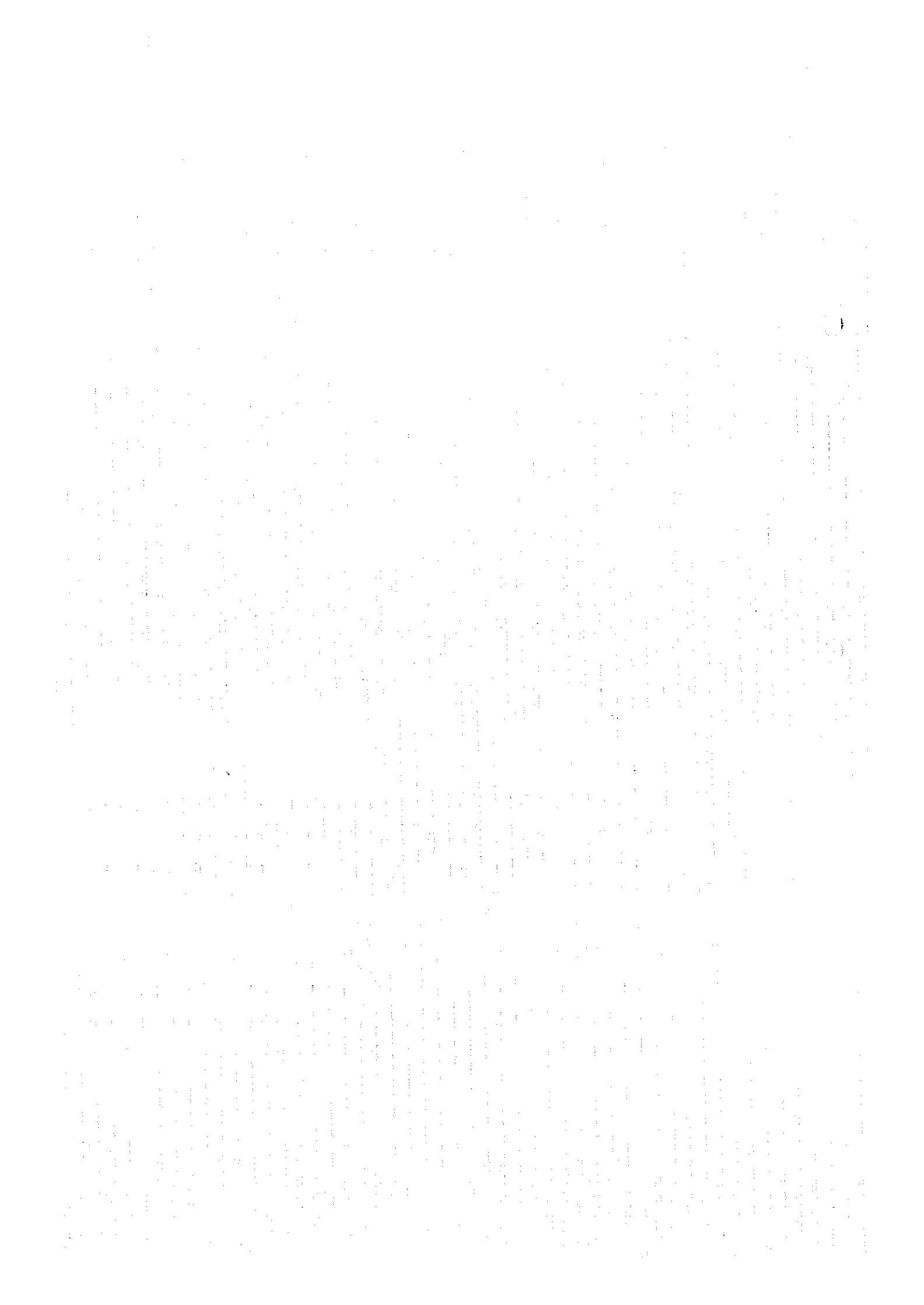
To explore the mineral showings and high-resistivity zones, it is recommended to conduct detailed geophysical survey by the TEM method, along with trenching and drilling survey.

### 2) Sautbay district

(1) This fiscal year's drilling survey increased the possibility of predominant tungsten mineralization continuing further southeastward from the Sautbay deposit.

It is recommended to conduct drilling survey aimed at the southeast extension, 300-400m below the surface, of the No.1 ore body, the immediate target of exploitation, thereby confirming ore reserves and grades.

(2) As for the Sautbay-Burgut deposit and the Saghinkan deposit, of which ore reserve estimation was made in the Phase I and II survey, it is recommended to reassess the ore reserves using the newly obtained data and to work out a conceptual mine development plan for open-pit and underground mining.



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## Collected Data

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## **APPENDICES**






























## **Appendix 1. Geologic Core Logs of the Drillings**





# Appendix 1 Geologic Core Logs of the Drillings

## LEGEND

-  Sludge
-  Quaternary Deposits
-  Lamprophyres
-  Granites, Granodiorites
-  Porphyrites
-  Syenodiorites
-  Diorites
-  Aplites
-  Diabase
-  Dolerites
-  Slates
-  Phyllites
-  Schists
-  Sandstones
-  Limestones
-  Dolomites
-  Cherts
-  Quartzites
-   $\lambda_{40}$  dip (bedding plane)
-   $\lambda_{30}$  dip (intrusive rock)
-   $\lambda_{53}$  dip (joint plane, fault plane, contact plane of silicified rock)
-  Fractured zone
-  Silicified rock
-  Skarnized rock
-  Gossan
-  Chalcedony
-  Hornfels

### Abbreviations

alt : altered	hema : hematite
asp : arsenopyrite	lmp : lamprophyre
blk : black	limo : limonite
cal : calcite	ls : limestone
ch : chert	mo : molybdenite
chl : chlorite	po : porphyrite
cp : chalcopyrite	phy : phyllite
crs : coarse	py : pyrite
dk : dark	qz : quartz
dol : dolomite	rhodo : rhodonite
dt : diorite	side : siderite
ep : epidote	sl : slate
fn : fine	ss : sandstone
frac : fractured	wo : wollastonite
gyp : gypsum	w : width
hed : hedenbergite	

### Sample for Assay and Laboratory Test

#### A. Sample for assay

- S-101: Ore sample (Sautbay district)
- B-101: Ore sample (Bulutkan district)
- B-101: Rock sample (Bulutkan district)

#### B. Sample for laboratory test

- 1L1: Geological test
- (1) T... Thin section
- (2) P... Polished section
- (3) X... X-Ray diffraction analysis
- (4) F... Fluid inclusion test
- 1B1: Geophysical test (Resistivity and chargeability)

### Assay Results

SAMPLE No.	ASSAY RESULT									
	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W
<i>B-201</i>	<i>10</i>	<i>1.5</i>	<i>200</i>	<i>10</i>	<i>70</i>	<i>60</i>	-	<i>30</i>		<i>&lt;10</i>
B-1073	tr	1.2	0.22	0.04	<0.01	0.04	<0.01	<0.01	0.4	

Italic figures show the assay results of the rock samples, and the units for each element are as follows.

Au(ppb), Ag(ppm), Cu(ppm), Pb(ppm), Zn(ppm), As(ppm), Bi(ppm), Mo(ppm), W(ppm).

Block figures show the assay results of the ore samples, and the units for each element are as follows.

Au(g/t), Ag(g/t), Cu(%), Pb(%), Zn(%), As(%), Bi(%), Mo(%), WO<sub>3</sub>(%).

tr: trace, -: nil

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# GEOLOGIC CORE LOG OF MJUS-1 (1/8)

1/200

MJUS-1 (1/8) 0 m ~ 50 m

Level 230.72m Direction S60°W  
 X 86,764.60m Inclination -75°  
 Y 71,230.00m Length 352.0m

LITHO-LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
○	0	0-9.5m, reddish brown soil with pebbles														
○	2															
○	4															
○	6															
○	8															
○	9.5	9.5-14.5m, sludge														
○	14.5															
○	15.0	14.5-15.0m, qz vein														
○	15.2															
○	18.0	15.0-23.2m, silicified grey ss with abundant qz veinlets														
○	18.5	15.0-15.4m, frac-zone														
○		16.0-16.5m, frac-zone														
○	18															
○		18.3m, qz vein, w=0.6cm														
○	20															
○		19.5m, qz vein, w=0.3cm														
○	22															
○	23.2	23.2-24.5m, qz vein														
○	24.5	24.5-35.5m, greenish grey phy with py														
○		24.5-28.5m, frac-zone with qz and clay														
○	26.5															
○	27.5	27.5-29.6m, frac-zone with clay														
○	28.8															
○	30	29.6-31.6m, fractured reddish brown weathred phy with brown clay														
○	31.8															
○	32	31.6-33.0m, frac-zone														
○	33.0															
○	33.5	33.0-33.5m, greenish grey phy														
○		33.5-35.5m, frac-zone														
○	35.5															
○	36	35.5-38.3m, white grey quartzite with qz veinlets														
○	38.3															
○	39.2	38.3-39.2m, alt(ss>sl)														
○	40.2	39.2-40.2m, whitish grey quartzite														
○		39.8m, qz vein, w=1cm														
○	42	40.2-44.7m, alt(ss>sl) with qz veinlets and few py														
○	44.7															
○	44	43.2-43.6m, quartzite														
○	46.4	44.7-46.4m, fractured greenish grey phy with py and clay														
○	48															
○	50	46.4-50.6m, greenish grey phy with py														

# GEOLOGIC CORE LOG OF MJUS-1 (2/8)

1/200

MJUS-1 (2/8) 50 m ~ 100 m

Level 230.72m  
 X 86,764.60m  
 Y 71,230.00m  
 Direction S60°W  
 Inclination -75°  
 Length 352.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	50.8	50.6-53.6m, fractured phy with py and clay														
	53.8	53.6-55.0m, alt(ss)quartzite														
	55.0	55.0-56.0m, white quartzite														
	56.0	56.0-56.5m, greyish green phy with py														
	56.5	56.5-57.4m, whitish grey quartzite														
	57.4	57.4-59.1m, dk grey fn ss with sl, py														
	59.1	59.1-59.8m, grey quartzite														
	59.8	59.8-61.5m, dk grey ls, partly skarnized(ep, diopside)	59.8	S-101	-	<25	<0.01				<0.01	<0.01	<0.01			
	61.5	60.3-60.9m, diopside skarn	61.5	S-102	0.01	<25	0.03				<0.01	<0.01	0.01			
	62.7	61.5-62.7m, skarnized greenish grey phy with py	62.7	S-103	-	<25	0.02				<0.01	<0.01	0.02			
	64.9	62.7-64.9m, dk grey ls, partly skarnized	64	S-104	-	<25	0.01				<0.01	<0.01	<0.01			
	65.3	64.9-65.3m, fractured quartzite	65.3													
	65.3	65.3-66.8m, greenish grey phy with py														
	66.8	66.8-67.8m, alt(ss)sl														
	67.8	67.8-68.5m, grey quartzite														
	68.5	68.5-70.1m, greenish grey phy														
	70.1	70.1-71.4m, dk grey fn ss with qz veinlets														
	71.4	71.4-71.9m, greenish grey skarn														
	71.9	71.9-73.4m, alt(ss)sl														
	73.4	73.4-77.1m, alt(ss)sl														
	77.1	77.1-80.2m, greenish grey phy with py														
	80.2	80.2-80.7m, whitish grey quartzite														
	80.7	80.7-82.6m, alt(ss)sl														
	82.6	80.8m, qz vein, 40° w=2cm														
	82.6	82.6-86.4m, dk grey sl with banded ss and py														
	86.4	86.4-86.8m, greenish grey skarn	86.4	S-105	-	<25	0.04				<0.01	<0.01	<0.01			
	86.8	86.8-87.5m, whitish grey quartzite	87.5	S-106	-	<25	0.09				<0.01	<0.01	<0.01			
	87.5	87.5-93.6m, skarnized alt(phy)ss with py	89	S-107	-	<25	0.05				<0.01	<0.01	0.04			
	93.6	93.6-95.2m, alt(ss)sl	93.6	S-108	-	<25	0.01				<0.01	<0.01	<0.01			
	95.2	95.2-98.0m, phy with py														
	98.0	98.0-99.7m, skarnized phy with py														
	99.7	99.7-100.0m, grey quartzite														

GEOLOGIC CORE LOG OF MJUS-1 (3/8)

1/200

MJUS-1 (3/8) 100 m ~ 150 m

Level 230.72m Direction S60°W  
X 86,764.60m Inclination -75°  
Y 71,230.00m Length 352.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W				
	100.1	100.1-104.9m, blk sl with banded ss, py and limo																
	103.2	103.2-103.6m, grey ss with py and limo																
	104.2	104.2m, Joint																
	106.2	104.9-106.7m, greenish grey phy alt (ss>sl)																
	107.6	106.7-107.6m, greenish grey skarnized phy with qz vein																
	110.6	107.6-110.6m, blk sl with banded ss and py																
	114.5	110.6-114.5m, phyllitic sl with banded ss, quartzite and py																
	115.1	114.5-115.1m, skarn(ep>rhodo)																
	118.1	115.1-118.1m, sl with banded ss and py																
	118.9	115.3-118.9m, frac-zone																
	122.8	117.5-118.9m, white quartzite																
	125.8	118.9-122.8m, greyish green py, sl with banded ss and py																
	126.1	119.1m, cal (qz) vein, w=0.5-1cm																
	126.1	122.8-125.8m, banded alt(ss>>sl)	126.1															
	126.1	125.1-125.8m, alt(ss>>sl)																
	126.1	125.8-126.1m, dk grey ls partly skarnized	126.1	S-109	-	<25	<0.01				<0.01	<0.01	<0.01					
	126.1	126.1-128.0m, silicified and skarnized metesomatite with cal vein																
	126.1	127.0m, cal vein, w=3cm																
	126.1	128.0-129.1m, alt(sl>ss) with py	126.1	S-1010	-	<25	0.01				<0.01	<0.01	<0.01					
	126.1	129.1-130.0m, silicified and skarnized metesomatite with cal vein	126.1	S-1011	0.03	<25	<0.01				<0.01	<0.01	<0.01					
	126.1	130.0-131.8m, grey ls with cal veinlets																
	131.8	131.8-133.3m, greenish grey-dk grey phy with qz vein and py																
	133.3	133.3-134.0m, white quartzite																
	134.0	134.0-134.5m, dk grey ls with cal																
	134.5	134.5-135.0m, grey ss																
	135.0	135.0-138.2m, green grey sandy phy with py																
	138.2	138.2-141.1m, silicified skarnized metesomatite with qz and py	138.2	S-1012	-	<25	0.02				<0.01	<0.01	<0.01					
	139.5		139.5	S-1013	0.01	<25	0.01				<0.01	<0.01	<0.01					
	141.1	141.1-142.1m, dk grey ls with cal veinlets																
	142.1	142.1-143.0m, network cal vein																
	148.1	148.1-149.3m, network cal vein																
	149.3	149.3m, cal vein, w=0.2cm																

# GEOLOGIC CORE LOG OF MJUS-1 (4/8)

1/200

MJUS-1 (4/8) 150 m ~ 200 m

Level 230.72m Direction S60°W  
 X 86,764.60m Inclination -75°  
 Y 71,230.00m Length 352.0m

LITHO LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	150	dk grey ls with cal veinlets														
	152															
	154															
	156	48 156.5-156.8m, network cal														
	158															
	160	53 160.0m, cal vein, w=1.5cm														
	162															
	164	163.7-166.2m, network cal														
	166	29 165.6m, cal vein, w=2cm														
	168	30 168.0m, cal vein, w=2cm														
	170															
	172															
	174															
	176															
	177.4	177.4-178.5m, dk grey brecciated ls fragments														
	178.5	178.5-179.3m, frac-zone														
	179.3	179.3-184.0m, dk grey sl with cal veinlets and py														
	180															
	182	37 184.0-194.5m, greenish gray phy with py, weakly silicified and skarnized														
	184															
	186															
	188															
	190	189.6m, cal vein, w=1cm														
	191.4															
	192															
	194	43 194.5-203.1m, dk grey banded alt (ss>sl)														
	196															
	197.0	197.0m, cal, ep, py vein, w=0.7cm														
	197.0-197.1m	197.0-197.1m, skarnized (ep, rhodo) alt (ss>sl)														
	198															
	200															

GEOLOGIC CORE LOG OF MJUS-1 (5/8)

1/200

MJUS-1 (5/8) 200 m ~ 250 m

Level 230.72m Direction S60°W  
 X 86,764.60m Inclination -75°  
 Y 71,230.00m Length 352.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W				
	200	dk grey banded alt(ss>sl)																
	202																	
	203.1	203.1-206.7m, weakly skarnized metasonatite with py	203.1															
	204			S-1014	0.03	<25	0.02				<0.01	<0.01	0.01					
	206			S-1015	0.03	<25	<0.01				<0.01	<0.01	<0.01					
	206.7	206.7-207.3m, al with banded ss	206.7															
	207.3	207.3-229.0m, alt(ss>sl) with qz vein, partly skarnized(ep, rhodo)																
	208.1	208.1-208.5m, frac-zone with clay																
	208.5																	
	210	210.4m, cal vein, w=0.3-0.8cm																
	211.6	211.6-212.9m, frac-zone with clay																
	212.9																	
	214																	
	216																	
	218	218.6-219.1m, frac-zone with clay																
	218.6	218.4m, cal vein, w=1cm																
	219.1																	
	220																	
	222																	
	224																	
	226																	
	228																	
	229.0	229.0-233.3m, dk grey banded alt (sl>ss)																
	230																	
	232																	
	233.3	233.3-240.5m, dk grey banded alt (ss>sl)																
	234	234.1m, cal vein, 25", w=1cm																
	236																	
	238																	
	240	240.5-241.2m, qz vein with py																
	241.2	241.2-242.3m, limy sl																
	242	242.3-244.9m, dk grey banded alt (sl>ss) with cal veinlets																
	244																	
	245.1	244.9-245.1m, qz, cal vein with py																
	245.8	245.1-245.9m, frac-zone with clay																
	246	245.9-258.8m, alt(ss>sl) with cal, qz veinlets and py																
	248	248.0-249.5m, network qz																
	250																	





# GEOLOGIC CORE LOG OF MJUS-1 (7/8)

1/200

MJUS-1 (7/8) 300 m ~ 350 m

Level 230.72m Direction S60°W  
 X 86,764.60m Inclination -75°  
 Y 71,230.00m Length 352.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT								LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo		WO <sub>3</sub>
s s s	300.1	300.0-300.7m skarn(wo)	300											
s s s	301.2	300.7-301.2m silicified skarnized metasonalite	301.6	S-1024	0.3	<25	<0.01				<0.01	<0.01	0.01	
	301.6	301.2-301.6m qz vein with py												
	301.6	301.6-308.2m grey quartzite partly skarnized(green) with he, rhodo, ep, wo, and py	304	S-1025	0.01	<25	<0.01				<0.01	<0.01	<0.01	
			306	S-1026	0.03	<25	<0.01				<0.01	<0.01	0.02	
			308	S-1027	0.03	<25	<0.01				<0.01	<0.01	0.01	
	308.2	308.2-311.3m skarnized(ep, hd, rhodo, wo) metasonalite(quartzite) with py	308.2	S-1028	-	<25	<0.01				<0.01	<0.01	<0.01	
			311.4	S-1029	0.08	<25	<0.01				<0.01	<0.01	<0.01	
	311.4	311.3-311.4m fault clay, w=10cm	311.4											
		311.4-314.9m reddish dk grey hornfels(fn ss)												
	314.9	314.9-318.2m quartzite partly skarnized(ep, hed, rhodo) with hornfels patches	318.2	S-1030	-	<25	<0.01				<0.01	<0.01	0.03	
	318.2	318.2-319.3m hornfels(fn ss) with banded quartzite	318.2											
	319.3	319.3-320.4m skarnized(ep, hed) metasonalite with py and phy	319.3	S-1031	-	<25	<0.01				<0.01	<0.01	0.04	
	320.4	320.4-323.3m weakly skarnized alt (ss>sl)	320.4											
	323.3	323.3-324.7m hornfels(fn ss) with banded quartzite												
	324.7	324.7-328.8m grey dt with py												
x x														
x x														
x x														
x x														
x x	328.8	328.8m joint with py	328.8											
s s s	329.5	328.8-329.5m skarn(wo, hed)	329.5	S-1032	0.05	<25	<0.01				<0.01	<0.01	0.01	
	329.5	329.5-330.1m quartzite partly skarnized												
		330.1-332.7m grey ss with banded sl, qz veinlets and py												
	332.7	332.7-332.9m frac-zone with clay												
	332.9	332.9-338.6m banded alt(sl>ss)												
		332.9-333.6m partly skarnized												
	338.6	338.6-340.9m dk grey sl with banded ss												
	340.9	340.9-342.0m dt with py												
x x	342.0	342.0-344.5m dk grey sl with banded ss, qz veinlets and py												
	344.5	344.5-348.6m skarnized(ep, hed, wo) alt(quartzite) (lily sl)	344.5	S-1033	0.05	<25	<0.01				<0.01	<0.01	0.02	
			346	S-1034	0.06	<25	<0.01				<0.01	<0.01	0.01	
			347.4	S-1035	0.1	<25	<0.01				<0.01	<0.01	0.02	
	348.6	348.6-349.5m frac-zone	348.6											
	349.5	349.5-351.9m dk grey dt with py												
x x	349.5	349.5-350.7m joint with py												

GEOLOGIC CORE LOG OF MJUS-1 (8/8)

1/200

MJUS-1 (8/8) 350 m ~ 400 m

Level 230.72m Direction S60°W  
 X 86,764.60m Inclination -75°  
 Y 71,230.00m Length 352.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST				
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	NO <sub>3</sub>	N					
X X		350.8m joint with cal-py. w=0.2cm																	
X X	351.8	351.8-352.0m grey quartzite																	
X X	352.0	352.0m Bottom of the hole																	



# GEOLOGIC CORE LOG OF MJUS-2 (2/9)

1/200

MJUS-2 (2/9) 50 m ~ 100 m

Level 221.20m Direction S60°W  
 X 88,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO-LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	51.2	51.7-52.5m, yellowish green skarn														
	52.5	52.5-53.0m, dk grey fn ss														
	53.0	53.0-58.2m, dk grey sl with banded ss and qz veinlets														
	58.2	58.2-58.95m, greyish white quartzite														
	58.95	58.95-63.2m, alt(ss>sl) with qz veinlets														
	63.2	63.2-64.4m, greyish white ss														
	64.4	64.4-65.2m, qz vein														
	65.2	65.2-67.0m, alt(ss>sl)														
	67.0	67.0-67.7m, dk green grey dolomite														
	67.7	67.7-71.8m, alt(ss>sl)														
	71.8	71.8-73.5m, dk grey sl with banded ss and network qz														
	73.5	73.5-74.4m, greenish dk grey fn ss with qz veinlets														
	74.4	74.4-78.4m, yellowish green skarn with ep and rhodo														
	78.4	78.4-80.8m, frac-zone	78.4													
	80.8	80.8-82.9m, greenish grey skarn with abundant py	80.8	S-201	-	12.2	0.06					tr	tr	tr		
	82.9	82.9-85.8m, dk grey fn ss with qz veinlets	82.9	S-202	-	<1	0.04					tr	tr	0.01		
	85.8	85.8-87.1m, yellowish green skarn	85.8	S-203	tr	1.2	0.03					tr	tr	tr		
	87.1	87.1-88.3m, yellowish green skarn	87.1	S-204	-	<1	0.02					tr	tr	0.02		
	88.3	88.3-91.7m, dk grey alt(ss>sl) with qz veinlets	88.3													
	91.7	91.7-92.2m, frac-zone	91.7	S-205	-	<1	0.02					tr	tr	tr		
	92.2	92.2-93.2m, yellowish green skarn	92.2	S-206	-	<1	tr					tr	tr	tr		
	93.2	93.2-96.4m, qz vein	93.2	S-207	-	<1	tr					tr	tr	tr		
	96.4	96.4-101.5m, alt(ss>sl) with abundant py	96.4													
	101.5	101.5-100m, network qz	100													

# GEOLOGIC CORE LOG OF MJUS-2 (3/9)

1/200

MJUS-2 (3/9) 100 m ~ 150 m

Level 221.20m  
 X 86.804.65m  
 Y 71.163.53m  
 Direction S60°W  
 Inclination -75°  
 Length 426.5m

LITHO LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	100.8	100.8-101.0m, frac-zone														
	101.5	101.5-102.2m, qz vein														
	102.2	102.2-104.2m, alt(ss) with abundant py														
	104.2	104.2-108.4m, grey schist with abundant py														
	108.4	107.6m, qz vein, w=4cm														
	109.8	108.4-109.8m, alt(ss)														
	111.9	109.8-111.9m, qz vein														
	112.7	111.9-116.5m, greenish grey schist with abundant py														
	112.9	112.7-112.9m, fn, ss														
	114.4	114.1-114.4m, frac-zone														
	118.5	118.5-118.6m, frac-zone														
	118.1	118.5-153.6m, phy, sl>>ss with banded py														
	119.8m	119.8m, qz-side vein, w=0.5cm														
	122.0m	122.0m, qz-py vein, w=2cm														
	131.2m	131.2m, py-chl vein, w=0.4cm														
	134.0m	134.0m, qz-ep vein, w=0.3cm														
	134.9-135.5	134.9-135.5m, frac zone with qz vein (w=17cm)														
	142.2m	142.2m, joint with py														
	145.2m	145.2m, qz-py-rhodo vein, w=3cm														
	145.9m	145.9m, qz-py vein, w=6cm														

# GEOLOGIC CORE LOG OF MJUS-2 (4/9)

1/200

MJUS-2 (4/9) 150 m ~ 200 m

Level 221.20m Direction S60°W  
 X 86,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT											LAB. TEST				
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	NO <sub>3</sub>	W						
	150																			150
	152	151.2m, qz py vein, w=1cm																		
	152.8	152.1-152.3m, qz vein																		
	154	153.6-159.2m, greenish grey schist with banded py																		
	158																			
	160	159.2-161.5m, greenish grey sandy schist																		
	162	161.5-164.4m, greenish grey schist																		
	164	164.4-170.4m, alt(s)>>ss phyl with banded py																		
	166	168.4-167.3m, qz network																		
	170																			
	172	170.1-171.0m, dk grey fn ss 171.0-172.1m, dk grey phyl 171.2m, joint 172.1-174.5m, dk grey fn ss with py 172.6m, joint with py and cal																		
	174	174.5-190.0m, phyl, alt(s)>>ss with banded py																		
	180																			
	182	182.5m, qz vein, 42°, w=0.6cm																		
	184	185.8m, qz-py vein, w=0.8cm																		
	188	187.5-187.9m, qz vein																		
	190	190.0-190.5m, qz-py vein																		
	192	190.5-199.8m, alt(s)>>ss with qz veinlets																		
	194	193.4m, qz vein, w=0.3cm																		
	196	195.7m, qz vein, w=0.7cm																		
	198	198.3-198.9m, frac-zone																		
	198.8	199.8-200.1m, dk grey fn ss with qz veinlets and py																		
	200																			

# GEOLOGIC CORE LOG OF MJUS-2 (5/9)

1/200

MJUS-2 (5/9) 200 m ~ 250 m

Level 221.20m Direction S60°W  
 X 86,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST						
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W							
	201.1	201.1-202.1m, alt(sl>ss) with qz veinlets																			
	202.1	202.1-202.5m, qz vein with py																			
	203.1	202.5-203.7m, frac-zone with fault clay																			
	204.1	203.7-207.8m, dk grey sl with qz veinlets																			
	205.1	204.8m, joint																			
	206.1	205.8m, qz vein, w=0.3cm																			
	207.1	207.8-208.2m, frac zone																			
	208.1	207.8-209.3m, dk grey fn ss with qz veinlets																			
	209.1	209.3-211.5m, alt(sl>ss)																			
	211.1	211.5-213.2m, dk grey fn ss with qz veinlets and py																			
	212.1	212.7m, joint with py and qz																			
	213.1	213.2-215.2m, frac-zone																			
	215.1	215.2-218.0m, grey white dol with diopside skarn	215.2	S-208	-	<l	tr					tr	tr	tr							
	216.1		216	S-209	-	<l	tr					tr	tr	tr							
	217.1		217	S-2010	-	<l	tr					tr	tr	tr							
	218.1	218.0-223.6m, alt(ss>>sl) with qz veinlets	218	S-2011	-	<l	tr					tr	tr	tr							
	219.1		219																		
	223.1	223.6-224.7m, white quartzite																			
	224.1	224.0m, joint with ep																			
	224.2	224.7-228.3m, alt(sl>ss) with qz veinlets and py																			
	228.1	228.3-229.1m, greenish grey diopside skarn																			
	229.1	229.1-230.1m, alt(ss>>sl)																			
	230.1	230.1-250.4m, alt(sl>>st) with qz veinlets																			
	231.1	231.6-232.3m, frac-zone																			
	233.1	233.3m, clay, w=3cm																			
	234.1	234.8-235.1m, diopside skarn																			
	238.1	238.2-238.7m, green skarn with py																			
	244.1	244.7-245.3m, greenish grey diopside skarn with py																			
	247.1	247.6-248.3m, diopside skarn with py																			

# GEOLOGIC CORE LOG OF MJUS-2 (6/9)

1/200

MJUS-2 (6/9) 250 m ~ 300 m

Level 221.20m Direction S60°W  
 X 86,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT									LAB. TEST							
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>		W						
	250.4	250.4-253.0m, dk grey quartzite																			
	252.2	252.2-252.6m, diopside skarn																			
	253.9	253.9-255.8m, alt(ss)ss with py																			
	255.8	255.8-256.3m, fn ss																			
	256.3	256.3-258.0m, alt(fs)ss with skarn	256.3	S-2012	-	<1	0.01					tr	tr	tr							
	258.0	258.0-264.4m, alt(ss)ss																			
	260.7	260.7-261.0m, ls with skarn	260.7	S-2013	-	<1	0.01					tr	tr	tr							
	261.4	261.4-262.2m, ls with skarn	262	S-2014	-	<1	0.02					tr	tr	tr							
	263.1	263.1-263.6m, ls with skarn	263.6																		
	264.4	264.4m, cal-oz vein																			
	264.8	264.8-269.5m, alt(ss)sl																			
	267.7	267.7m, joint																			
	268.7	268.7-269.1m, di with diopside skarn																			
	269.5	269.5-274.0m, alt(fs)>>ss																			
	269.7	269.7-269.9m, frac-zone																			
	273.6	273.6-273.8m, frac-zone																			
	274.9	274.9-275.6m, fn ss																			
	275.6	275.6-277.0m, greyish white dol	275.6	S-2015	-	<1	0.03					tr	tr	tr							
	276.2	276.2-277.0m, frac-zone																			
	277.0	277.0-278.6m, alt(ss)ls	277	S-2016	0.1	<1	tr					tr	tr	tr							
	278.6	278.6-280.5m, alt(ss)ls with diopside-skarn	278.6	S-2017	tr	<1	tr					tr	tr	tr							
	280.5	280.5-283.5m, alt(fs)sl	280.5																		
	283.5	283.5-284.5m, frac-zone with fault clay	283.5	S-2018	-	<1	tr					tr	tr	tr							
	284.5	284.5-291.0m, alt(ss)>>ss																			
	286.8	278.6-280.5m, alt(ss)>>ss with diopside skarn	286.8	S-2019	-	<1	tr					tr	tr	tr							
	287.9		287.9	S-2020	tr	<1	tr					tr	tr	tr							
	291.0	291.0-291.2m, cal-oz vein																			
	291.2	291.2-296.5m, alt(ss)>>ch weak skarnization	291	S-2021	-	<1	tr					tr	tr	tr							
	294.4	294.4-295.3m, frac-zone	294.3	S-2022	-	<1	tr					tr	tr	tr							
	296.5	296.5-300.7m, greenish grey diopside skarn	296.5	S-2023	tr	<1	tr					tr	tr	tr							
	299.5		299.5	S-2024	tr	1.2	tr					tr	tr	tr							
			299.5	S-2025	-	<1	tr					tr	tr	tr							



# GEOLOGIC CORE LOG OF MJUS-2 (7/9)

1/200

MJUS-2 (7/9) 300 m ~ 350 m

Level 221.20m Direction S60°W  
 X 86,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	300.7	300.7-301.3m, ch	300.7													
	301.3	301.3-302.8m, frac-zone with qz vein														
	302.8	302.8-304.8m, greysh white ch														
	304.8	304.8-306.5m, frac-zone with fault clay														
	306.5	306.5-309.8m, alt(ls>ss) weakly skarnized	306.5	S-2026	-	<l	tr					tr	tr	tr		
	309.8	309.8-310.8m, frac-zone with fault clay	309.8	S-2027	-	<l	tr					tr	tr	tr		
	310.8	310.8-312.0m, qz-cal vein	310.8	S-2028	-	<l	tr					tr	tr	tr		
	312.0	312.0-314.0m, alt(ss>fn ss) with py	312	S-2029	-	<l	0.01					tr	tr	tr		
	314.0	314.0-314.8m, ls	314	S-2030	0.1	<l	0.01					tr	tr	tr		
	314.8	314.8-316.8m, ls with skarn, width of skarn=10-20cm	315	S-2031	0.5	<l	tr					tr	tr	0.07		
	316.8		316	S-2032	0.2	<l	tr					tr	tr	0.07		
	317.8		317	S-2033	tr	<l	tr					tr	tr	0.03		
	318.4		318	S-2034	0.1	<l	tr					tr	tr	0.01		
	319.4	319.4-320.7m, sl	318.4	S-2035	0.2	<l	tr					tr	tr	0.03		
	320.7	320.7-322.5m, frac-zone	320.9													
	322.5	322.5-324.6m, ch														
	324.6	324.6-327.8m, alt(ss>sl)														
	327.8	327.8-329.2m, joint														
	329.2	329.2-331.7m, joint														
	331.7	331.7-334.1m, dk grey fn ss with qz veinlets														
	334.1	334.1-338.8m, frac-zone														
	338.8	338.8-342.0m, qz-cal vein, w=0.4cm														
	342.0	338.8-338.8m, Grano-dt														
	338.8	338.8-342.0m, frac-zone with fault clay														
	342.0	342.0-344.1m, sl														
	344.1	342.9-344.3m, grey Grano-dt														
	344.3	343.3-344.1m, alt(ss>sl)														
	344.1	344.1-347.8m, greyish white Grano-dt														
	347.8	345.3m, joint														
	347.8	347.8-349.1m, fn ss														
	349.1	349.1-350.2m, greyish white ch														

# GEOLOGIC CORE LOG OF MJUS-2 (8/9)

1/200

MJUS-2 (8/9) 350 m ~ 400 m

Level 221.20m Direction S60°W  
 X 86,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	350.2	350 2-351.4m, fn ss														
	351.4	351.4-359.1m, Grano-dt														
	353.0	353.0-353.6m, ss with skarn														
	359.3	359.3-360.0m, greyish white ls with greenish grey skarn with py	359.3	S-2036	0.7	<1	tr				tr	tr	0.12			
	360.0	360.0-360.9m, cal, qz vein	360.0	S-2037	0.1	<1	tr				tr	tr	0.03			
	362.6	362.6m, qz-cal vein, w=1.2cm														
	365.3	365.3-370.6m, greyish white ls with skarn	365.3	S-2038	tr	<1	tr				tr	tr	0.01			
	365.4	365.4-365.45m, skarn														
	365.65	365.65-365.8m, skarn														
	365.8	365.8-368.65m, skarn														
	368.3	368.3-369.2m, skarn	368.3	S-2039	tr	<1	1.6				tr	tr	tr			
	369.2	369.2-370.6m, skarn	369.2	S-2040	0.3	<1	tr				tr	tr	0.15		219 P	
	370.6	370.6-373.0m, skarn, diopside skarn	370.6	S-2041	0.2	<1	tr				tr	tr	tr			
	372.0	372.0-380.65m, dk grey alt(ss>>sl) with py, partly skarnized	372.0	S-2042	0.2	1.2	0.01				tr	tr	0.03			
	373.0		373.0	S-2043	0.1	<1	0.01				tr	tr	0.02			
	380.65	380.65-388.6m, dk grey dt														
	381.8	381.8m, qz vein, w=0.3cm														
	385.5	385.5m, joint with qz(w=0.2cm)														
	388.6	388.6-389.1m, Grano-dt	388.6	S-2044	1.4	<1	0.01				tr	tr	0.03		2115 P	
	389.1	389.1-389.4m, skarn	389.1	S-2045	0.4	<1	0.02				tr	tr	tr			
	389.4	389.4-393.4m, ls with ch	389.4	S-2046	0.5	<1	0.03				tr	tr	0.03			
	393.4	393.4-393.6m, Grano-dt	393.4	S-2047	0.2	<1	0.01				tr	tr	0.08		2112 X	
	393.6	393.6-395.5m, dk grey dt														
	394.6	394.6m, joint with py														
	395.5	395.5-395.8m, Grano-dt														
	395.8	395.8-397.55m, Grano-dt														
	397.55	397.55-397.55m, skarn														
	397.55	397.55-397.9m, Grano-dt	397.55	S-2050	0.4	<1	0.02				tr	tr	0.12			
	397.9	397.9-398.1m, qz vein	397.9	S-2051	0.5	<1	0.01				tr	tr	0.05			
	398.1	398.1-404.3m, alt(ss>>sl)														
	398.3	398.3m, skarn, w=3cm	398.3	S-2052	tr	<1	0.01				tr	tr	0.04			

# GEOLOGIC CORE LOG OF MJUS-2 (9/9)

1/200

MJUS-2 (9/9) 400 m ~ 426.5 m

Level 221.20m Direction S60°W  
 X 86,804.65m Inclination -75°  
 Y 71,163.53m Length 426.5m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	NO <sub>3</sub>	N			
	400		400	S-2053	-	<I	0.01					tr	tr	tr			400
	401.4	401.4-401.6m, ch															
	402.1	401.8-402.1m, ch	402.1														
		402.2m, ez vein, w=0.3cm															
		402.55m, skarn, w=2cm		S-2054	-	<I	tr					tr	tr	tr			
	404.3	404.3-406.9m, dk grey alt(ss)ss	404														
				S-2055	2.8	<I	tr					tr	tr	tr			
	405.8	405.8-406.0m, alt(ss)ss with skarn	405.8														
				S-2056	tr	<I	0.02					tr	tr	tr			
	406.8	406.8-410.8m, alt(ss, ch, sl)	406.8														
		406.8-409.3m, green skarn, diopside skarn		S-2057	2.2	<I	0.03					tr	tr	tr			
				S-2058	0.1	<I	0.03					tr	tr	tr			
	409.3	409.3-410.9m, green skarn, diopside skarn	409.3														
				S-2059	0.2	<I	0.01					tr	tr	tr			
	410.9	410.9-412.1m, alt(ss, ch, sl) with py partly skarnized	410.9														
				S-2060	tr	<I	0.02					tr	tr	tr			
	412.1	412.1-418.3m, alt(ls, ch) with py partly skarnized	412.1														
				S-2061	0.1	<I	0.02					tr	tr	tr			
	414		414														
				S-2062	tr	<I	tr					tr	tr	tr			
	415		415														
				S-2063	0.2	<I	tr					tr	tr	0.19			
	416		416														
				S-2064	0.1	<I	0.01					tr	tr	0.16			
	417		417														
				S-2065	tr	<I	0.01					tr	tr	0.04			
	418		418														
				S-2066	0.2	<I	0.05					tr	tr	0.27			
	418.3	417.5-418.3m, skarn	418.3														
				S-2067	0.1	<I	0.05					tr	tr	0.30			
	419.0	418.3-419.0m, ls partly skarnized	419.0														
				S-2068	tr	<I	0.02					tr	tr	0.03			
	419.9	419.0-419.9m, greyish white Grano-dt	419.9														
				S-2069	0.3	<I	0.10					tr	tr	0.42			
	420.7	419.0-420.7m, skarn	420.7														
	422																
	424																
	426	426.5-426.5m, Bottom of the hole															

# GEOLOGIC CORE LOG OF MJUS-3 (1/8)

1/200

MJUS-3 (1/8) 0 m ~ 50 m

Level 224.39m Direction S60°W  
 X 88,807.00m Inclination -35°  
 Y 71,070.00m Length 381.4m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	0	0-2.4m dk grey silicified fn ss (float)														
	2.4	2.4-8.8m fractured silicified fn ss (float)														
	8.8	8.8-9.7m reddish brown soil with pebbles														
	9.7	9.7-10.3m sludge														
	10.3	10.3-10.7m qz vein														
	10.7	10.7-12.5m sludge														
	12.5	12.5-12.8m qz vein														
	12.8	12.8-17.5m sludge														
	17.5	17.5-22.0m frac-zone of silicified sl with banded ss and qz veinlets														
	22.0	22.0-26.2m silicified sl with banded ss and qz veinlets														
	26.2	26.2-28.6m frac-zone of sl														
	28.6	28.6-30.7m blk graphite sl with banded ss and py														
	30.7	30.7-32.5m frac-zone														
	32.5	32.5-34.5m frac-zone														
	34.5	34.5-36.2m frac-zone														
	36.2	36.2-37.8m frac-zone														
	37.8	37.8-39.6m qz vein with py, w=1cm														
	39.6	39.6-41.3m frac-zone														
	41.3	41.3-44.5m alt(ss>sl)														
	44.5	44.5-48.7m qz vein, w=0.3-1cm														
	48.7	48.7m joint with limo, py														



# GEOLOGIC CORE LOG OF MJUS-3 (3/8)

1/200

MJUS-3 (3/8) 100 m ~ 150 m

Level 224.39m Direction S60°W  
 X 86,807.00m Inclination -75°  
 Y 71,070.00m Length 381.4m

LITHO LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST				
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W					
	100.3	100.3-101.8m, greyish white quartzite with qz veinlets																	
	101.8	101.8-102.5m, alt(ss)quartzite																	
	102.5	102.5-105.1m, whitish grey quartzite																	
	105.1	105.1-106.5m, alt(ss>>sl) with qz veinlets and py																	
	106.5	106.5-108.0m, network qz																	
	108.0	108.0-109.0m, banded alt(ss) with qz veinlets and py																	
	109.0	109.0-110.0m, network qz																	
	111.7	111.7-111.88m, qz vein																	
	118.7	118.7-118.88m, qz vein																	
	119.8	119.8m, qz vein, w=12cm																	
	120.8	120.8-121.5m, fractured alt(ss>>sl)																	
	121.5	121.5-124.7m, alt(ss>>sl) with network qz and py																	
	124.7	124.7-131.4m, banded alt(ss) with qz, cal veinlets and py																	
	127.7	127.7m, qz-cal vein, w=0.3cm																	
	129.8	129.8-130.5m, fractured alt																	
	130.8	130.8-131.4m, fractured alt																	
	131.4	131.4-136.1m, yellowish green-grey diopside skarn	131.4	S-301	-	<25	0.03				<0.01	<0.01	<0.01						
	134.4	134.4-135.4m, frac-zone	133	S-302	-	<25	0.02				<0.01	<0.01	<0.01						31.2 P
	137.2	137.2-145.5m, grey quartzite with qz veinlets and py	135.4	S-303	0.01	<25	0.01				<0.01	<0.01	<0.01						
	137.2	137.2-145.5m, grey quartzite with qz veinlets and py	137.2	S-304	0.01	<25	0.01				<0.01	0.03	0.12						
	140.8	140.8-143.5m, grey quartzite partly skarnized with py	138.5	S-305	-	<25	0.02				<0.01	0.03	0.07						
	141.6	141.6-142.3m, frac-zone	140.9	S-306	0.03	<25	0.04				<0.01	0.05	0.18						
	143.5	143.5-145.5m, grey ls partly skarnized (diopside skarn) with cal veinlets	142.5	S-307	0.01	<25	0.02				<0.01	0.02	0.12						







# GEOLOGIC CORE LOG OF MJUS-3 (6/8)

1/200

MJUS-3 (6/8) 250 m ~ 300 m

Level 224.39m Direction S60°W  
 X 88,807.00m Inclination -75°  
 Y 71,070.00m Length 381.4m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W				
	250	whitish grey quartzite with qz-cal, rhodo vein																
	252																	
	254																	
	256																	
	256.8	256.8-257.8m, frac-zones with dk grey ss and cal																
	257.8	257.8-260.2m, dk grey fn ss with network qz-cal veinlets and py																
	260.2	260.2-261.1m, quartzite with network qz-cal veins																
	261.1	261.1-263.3m, dk grey fn ss with network cal-qz veinlets and py																
	263.3	263.3-265.7m, whitish grey quartzite with qz-cal veinlets																
	265.7	265.7-269.4m, dk grey fn ss with qz-cal veinlets																
	267.8	267.8-268.2m, cal vein																
	269.4	269.4-270.7m, alt(quartzite>sl) with cal-qz network																
	270.7	270.7-272.8m, quartzite																
	271.8	271.8m, green skarn, w=4cm	271.8	S-3017	0.1	<25	<0.01				<0.01	<0.01	0.06					
	272.8	272.8-273.2m, brownish grey diopside skarn	273.2															
	273.2	273.2-273.8m, alt(ss>quartzite)																
	273.8	273.8-274.7m, white quartzite																
	274.7	274.7-277.4m, banded alt(ss>quartzite) with cal-qz veinlets																
	277.4	277.4-281.6m, alt(ss>quartzite)																
	281.6	281.6-285.3m, banded alt(ss>sl) with 30 py																
	285.3	285.3-286.0m, frac-zone with clay																
	286.0	286.0-288.7m, grey ss with qz																
	288.7	288.7-288.9m, fault clay																
	288.9	288.9-289.2m, skarnized ls																
	289.2	289.2-289.6m, grey ls with cal veinlets																
	289.6	289.6-290.2m, frac-zone with clay																
	290.2	290.2-291.8m, alt(ss>ss) with py																
	291.8	291.8-293.4m, whitish grey quartzite																
	293.4	293.4-295.7m, yellowish green-green skarn(ep, hed, py)	293.4	S-3018	0.06	<25	<0.01				<0.01	<0.01	0.19					
	295.7	295.7-300.0m, banded alt(ss>sl) partly skarnized	295.7	S-3019	0.06	<25	<0.01				<0.01	<0.01	0.19					
	298.9	298.9m, qz vein, w=2cm		S-3020	0.03	<25	0.01				<0.01	<0.01	0.10					
	299.2	299.2m, qz veins, 60', w=4cm		S-3021	0.03	<25	0.01				<0.01	<0.01	0.06					

# GEOLOGIC CORE LOG OF MJUS-3 (7/8)

1/200

MJUS-3 (7/8) 300 m ~ 350 m

Level 224.39m Direction S60°W  
 X 86.807.00m Inclination -75°  
 Y 71.070.00m Length 381.4m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W	
	300.0	300.0-301.0m, skarnized ls with hed. ep and py	300.0	S-3022	1.6	1.2	<0.01				<0.01	<0.01	0.76		
	301.0	301.0-302.3m, white quartzite partly skarnized	301.0												
	302.3	302.3-309.1m, silicified alt(ss>sl) partly skarnized													
	304.0	304.4m, cal vein, w=3-4cm													
	304.0	304.6m, cal vein, w=3cm													
	305.5	305.5-305.7m, white Granod-t													
	309.1	309.1-309.4m, white Granod-t													
	310.0	310.0-313.8m, dk grey dt with py													
	312.0	312.0m, qz-cal vein, w=1-2cm													
	313.8	313.8-317.0m, white quartzite													
	314.8	314.8-315.0m, dk grey dt													
	317.0	317.0-319.8m, silicified grey alt(ss>sl)													
	319.8	319.8-321.8m, silicified partly skarnized metasediment with py	319.8	S-3023	0.06	<25	<0.01				<0.01	<0.01	0.16		
	320.85	320.85-321.2m, green skarn	321.2	S-3024	0.8	1.2	0.01				<0.01	<0.01	0.48		
	322.35		322.35	S-3025	0.4	<1	<0.01				<0.01	<0.01	0.06		
	323.7	323.7-324.5m, green skarn	323.7	S-3026	1.6	<1	0.01				<0.01	<0.01	0.42		
	324.5	324.5-324.7m, ls partly skarnized	324.7	S-3027	2.0	<1	0.01				<0.01	<0.01	0.58		
	324.7	324.7-326.0m, green skarn													
	326.0	326.0-327.8m, qz vein with skarnized (rhodo, hed, ep) metasediment	326.0	S-3028	0.06	<25	<0.01				<0.01	<0.01	0.16		
	327.8	327.8-328.0m, silicified skarnized metasediment	327.8	S-3029	0.06	<25	<0.01				<0.01	<0.01	0.11		
	328.0	328.0-328.4m, dk grey ls partly skarnized	328.4	S-3030	0.03	<25	<0.01				<0.01	<0.01	0.12		
	328.4	328.4-328.5m, green skarn													
	331.0	331.0-331.6m, green skarn	331.0	S-3031	0.8	<1	0.02				<0.01	<0.01	0.32		
	331.6	332.1-332.4m, green skarn	332.4	S-3032	0.1	<25	<0.01				<0.01	0.02	0.33		
	332.1	333.7-334.05m, green skarn	334.05	S-3033	0.01	<25	<0.01				<0.01	0.01	0.08		
	332.4														
	334.05														
	338.0	338.0-337.0m, green skarn	336	S-3034	0.5	<25	<0.01				<0.01	<0.01	0.8		
	337.0	337.4-338.5m, green skarn	337.4	S-3035	0.8	<25	0.02				<0.01	<0.01	1.4		
	338.5	338.5-343.2m, grey Granod-t porphyry	338.5												
	339.8	339.3-339.6m, frac-zone													
	343.2	343.2-346.2m, grey dt with py and po													
	346.2	346.2-346.6m, qz vein	346.2	S-3036	0.01	<25	0.01				<0.01	<0.01	0.16		
	346.6	346.6-350.4m, silicified metasediment partly skarnized	348	S-3037	0.01	<25	0.01				<0.01	<0.01	0.05		
	349.7	349.7-349.9m, Granod-t													

# GEOLOGIC CORE LOG OF MJUS-3 (8/8)

1/200

MJUS-3 (8/8) 350 m ~ 400 m

Level 224.39m Direction S60°W  
 X 86,807.00m Inclination -75°  
 Y 71,070.00m Length 381.4m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT											LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W			
	350.4	350.4-359.6m, whitish grey quartzite with py	350.4	S-3038	1.2	<1	<0.01					<0.01	0.02	0.06			350
			352	S-3039	-	<25	<0.01					<0.01	0.01	0.17			
			354	S-3040	-	<25	<0.01					<0.01	<0.01	0.05			
			356	S-3041	-	<25	<0.01					<0.01	<0.01	<0.01			
			358	S-3042	0.8	<1	<0.01					<0.01	<0.01	0.08			
	359.6	359.6-362.8m, greenish grey silicious skarn (sp. bed rhodo) with py. po. cal. qz.	359.6	S-3043	1.6	<1	0.05					<0.01	<0.01	2.4			360
			360.6	S-3044	2.0	2.4	0.1					<0.01	<0.01	1.7			361.0
			361.6	S-3045	1.4	2.6	0.08					<0.01	<0.01	2.7			
	362.8	362.8-362.9m, qz vein	362.8														
	363.3	362.9-363.3m, white quartzite	362.9	S-3046	0.08	<25	<0.01					<0.01	<0.01	0.1			
		363.3-368.0m, grey Grano-dt porphyry with py	363														
			365	S-3047	0.06	<25	0.01					<0.01	<0.01	0.09			
		367.0m, qz vein, w=3cm	367														
		367.8m, qz vein, w=4cm	367	S-3048	0.03	<25	0.01					<0.01	<0.01	0.11			
	369.0	369.0m, qz vein, w=5cm	369														
	369.8	369.0-369.8m, green skarn	369	S-3049	0.1	<25	0.01					<0.01	<0.01	0.17			370
	370.0	369.8-370.0m, dk grey dt	370														
		369.8-370.0m, qz vein with py	370	S-3050	0.05	<25	0.01					<0.01	<0.01	0.06			
			372														
		372.5m, joint	372	S-3051	0.03	<25	0.01					<0.01	<0.01	0.01			372.2
		373.5m, qz vein, w=6cm	374														
			374	S-3052	0.03	<25	0.02					<0.01	<0.01	0.04			
			376														
		376.5m, qz vein, w=3cm	376	S-3053	0.06	<25	0.01					<0.01	<0.01	0.04			
			378														
			378	S-3054	0.4	<25	0.03					<0.01	<0.01	0.13			
			380														
			380	S-3055	0.4	<25	0.01					<0.01	<0.01	0.08			380
	381.4	381.4m, Bottom of the hole	381.4														
			382														
			384														
			386														
			388														
			390														390
			392														
			394														
			396														
			398														
			400														400

# GEOLOGIC CORE LOG OF MJUS-4 (1/7)

1/200

MJUS-4 (1/7) 0 m ~ 50 m

Level 226.06m Direction S60°W  
 X 86,825.28m Inclination -75°  
 Y 70,985.12m Length 350.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT											LAB. TEST
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	0	0-6.75m, silicified sl with qz veinlets														
	2															
	4															
	6	5.6m, qz vein, w=3m														
	6.75	6.75-15.3m, grey white silicified sl														
	8															
	10	10.2m, joint														
	12	12.5-15.3m, chl vein, w=0.1-0.3cm														
	14	14.0-14.5m, frac-zone														
	15.2	15.2-15.6m, frac-zone														
	16	15.3-18.3m, ss with banded py and qz veinlets														
	18	17.8m, qz vein, w=0.3cm														
	18.3	18.3-18.8m, dk grey sl with banded sl, qz veinlets and py														
	20	19.0m, qz vein, w=1cm														
	20	20.3m, qz vein, w=4cm														
	22	22.2-23.0m, frac-zone														
	24	24.2-25.8m, frac-zone														
	27.3	27.3-28.1m, qz py vein	27.3													
	28.1		28.1	S-401	tr	Cl	0.03					tr	tr	0.12		
	32	32.3-39.0m, frac-zone														
	34	27.3-28.1m, qz py vein														
	44	44.8-45.4m, frac-zone														
	45.4	45.4-45.7m, qz py vein														
	49	49.15-49.3m, qz vein														

# GEOLOGIC CORE LOG OF MJUS-4 (2/7)

1/200

MJUS-4 (2/7) 50 m ~ 100 m

Level 226.06m Direction S60°W  
 X 86.825.28m Inclination -75°  
 Y 70.986.12m Length 350.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W				
	50	45.7-52.1m, network qz																
	52	52.1-52.35m, qz vein			100.3	36.5												
	54	55.1m, joint, 40°, with py and limo																
	56	56.9-58.2m, network qz																
	58																	
	60	60.4m, joint, 60°, with py																
	62	62.4m, joint, 80°, with py and limo																
	64																	
	66																	
	68	67.8m, joint, 60°, with py and limo 67.8-68.7m, abundant py 68.25-68.4m, py-limo vein	68.25															
	70	69.8-72.5m, grey-white fn ss	69.8															
	72	72.5-74.8m, dk grey-grey alt(ss>sl) 72.8m, qz vein, 65°, w=0.7cm	72.5															
	74	74.9-81.3m, grey-white, dk grey alt (ss>sl)	74.9															
	76																	
	78	78.0-78.3m, abundant py 78.3-78.8m, qz vein, 25° 78.8-79.0m, abundant py 79.5-79.6m, abundant py	78.3															
	80	81.3-88.0m, dk grey sl with banded ss, qz veinlets and py	81.3															4L2 P
	82																	
	84	83.6-84.3m, frac-zone	83.6															
	86	86.3-88.8m, qz vein, 65°, with py 88.8-87.3m, abundant py	86.3															
	88	88.0-88.8m, dk grey ch 88.8-89.5m, skarn with py and cp	88.0															
	90	89.5-126.0m, grey alt(ss>>sl) with py and qz veinlets	89.5	S-402	0.2	<l	0.07				tr	tr	tr					
	92	90.8-91.8m, skarn	90.8	S-403	tr	<l	tr				tr	tr	tr					
	94	91.8-93.1m, frac-zone	91.8	S-404	tr	<l	0.02				tr	tr	tr					
	96	93.0-93.1m, qz vein	93.1	S-405	tr	<l	tr				tr	tr	tr					
	98																	
	100	99.3-101.5m, frac-zone	99.3															

# GEOLOGIC CORE LOG OF MJUS-4 (3/7)

1/200

MJUS-4 (3/7) 100 m ~ 150 m

Level 226.06m Direction S60°W  
 X 86.825.28m Inclination -75°  
 Y 70.936.12m Length 350.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	101.5	101.5-126.0m, greyish white alt(ss>>sl) with qz veinlets and py														
	105.5-105.65m	qz vein														
	106.7-107.2m	qz vein														
	109.8m	joint with py														
	112.5m	joint														
	123.7-124.3m	frac-zone														
	126.0-132.0m	dk grey alt(ss>>sl) with qz veinlets and py														
	126.8-130.4m	skarn, greenish brown	126.8	S-406	0.1	<1	0.05					tr	tr	tr		
	128.8-130.4m	abundant py														
	130.4-132.0m		130.4	S-407	0.1	<1	0.07					tr	tr	tr		
	132.0-133.0m	ls	132	S-408	0.1	<1	0.1					tr	tr	0.05		
	133.0-135.0m	frac-zone with fault clays and qz veins	133	S-409	tr	<1	0.01					tr	tr	tr		
	135.0-135.75m		134.5	S-4010	tr	<1	tr					tr	tr	tr		
	135.75-138.05m	cal-qz vein	135.75	S-4011	0.1	<1	tr					tr	tr	tr		
	138.05-138.3m	frac-zone														
	138.3-137.4m	cal-qz vein	137.4	S-4012	tr	<1	tr					tr	tr	tr		
	137.4-137.5m	frac-zone														
	138.3-139.0m	frac-zone with fault clays	139	S-4013	tr	<1	tr					tr	tr	tr		
	137.5-150.7m	dk grey alt(ss>>sl) with network qz														
	140.3-140.7m	ls	140.7	S-4014	0.1	<1	tr					tr	tr	tr		
	142.2-142.6m	frac-zone with fault clays	142.6													
	143.4m	joint														
	147.2m	joint with cal-qz vein														
	148.1-148.6m	frac-zone														

# GEOLOGIC CORE LOG OF MJUS-4 (4/7)

1/200

MJUS-4 (4/7) 150 m ~ 200 m

Level 226.06m Direction S60°W  
 X 86,825.28m Inclination -75°  
 Y 70,986.12m Length 350.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W			
[Symbol]	150.2	150.1-150.7m, frac-zone															
	151.7	150.7-151.35m, alt(sl)ss with qz veinlets															
[Symbol]	152.4	151.7-152.4m, frac-zone															
		153.2m, frac-zone, w=5cm															
[Symbol]	157.35	157.2-157.35m, fault clay	157.35	S-4015	tr	<1	tr					tr	tr	tr			
	158.8	157.35-158.8m, greyish white ls	158.8	S-4016	-	<1	tr					tr	tr	0.03			
[Symbol]	160.2	158.8-160.2m, frac-zone with fault clay															
	160.2	160.2-165.4m, alt(ss>sl) with network qz	160.2	S-4017	tr	<1	tr					tr	tr	tr			
[Symbol]	162.3	162.3-163.0m, frac-zone	162.3														
	163.8	163.0-163.8m, ls		S-4018	tr	<1	tr					tr	tr	0.03			
[Symbol]	164.5	163.8-164.50m, frac-zone	164.5														
	165.4	165.4-167.5m, frac-zone		S-4019	tr	<1	tr					tr	tr	tr			
[Symbol]	167.5	167.5-171.2m, greyish white alt fn ss with qz veinlets and py	167.5														
	171.2	171.2-172.0m, frac-zone															
[Symbol]	172.0	172.0-173.8m, greyish white alt (fn ss>sl)															
	173.8	173.8-176.8m, quartzite with py															
[Symbol]	176.8	176.8-183.2m, alt(sl>>ss) with qz veinlets and py															
	177.5	177.5-177.8m, greyish white ch															
[Symbol]	179.8	179.8-180.4m, frac-zone with fault clay															
	181.8	181.8-181.8m, greyish white ch															
[Symbol]	183.2	183.2-185.8m, greyish white ch															
	185.9	185.8m, fault clay, w=3cm															
[Symbol]	185.9	185.9-196.5m, sl with banded ss, qz veinlets and py															
	186.9	186.9m, side vein, w=0.2cm															
[Symbol]	191.8	191.8-192.3m, frac-zone															
	193.0	193.0-193.2m, frac-zone															
[Symbol]	194.6	194.6m, qz vein, w=0.2cm															
	196.3	196.3-196.5m, frac-zone with fault clay															
[Symbol]	196.5	196.5-201.1m, grey ch															

## GEOLOGIC CORE LOG OF MJUS-4 (5/7)

1/200

MJUS-4 (5/7) 200 m ~ 250 m

Level 226.06m Direction S60°W  
 X 86.825.28m Inclination 75°  
 Y 70.986.12m Length 350.0m

LITHO LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST				
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W					
	200																		200
	201.1	201.1-202.3m, frac-zone with fault clay																	
	202.3	202.3-215.3m, greyish white ss	202.3	S-4020	tr	<1	0.01					tr	tr	0.01					
	203.0	203.0-203.3m, frac-zone with fault clay																	
	204		204	S-4021	tr	<1	tr					tr	tr	tr					204.9
	205		205.5	S-4022	tr	<1	tr					tr	tr	tr					
	206.9	206.9-208.5m, frac-zone with fault clay	206.9	S-4023	tr	<1	0.01					tr	tr	tr					
	208.5		208.5	S-4024	0.1	<1	tr					tr	tr	tr					210
	210.3	210.3-210.6m, grey ch	210.3	S-4025	tr	<1	tr					tr	tr	tr					
	210.6	210.6-215.3m, ls weakly skarnized																	
	212		212	S-4026	tr	<1	tr					tr	tr	0.01					
	213.5		213.5	S-4027	tr	<1	tr					tr	tr	tr					
	215.3	215.3-218.0m, greyish white ch	215.3															41.3	214.8
	218.0	218.0-221.4m, alt(ss>sl) with qz veinlets																	
	221.4	221.4-229.3m, sl with banded ss and qz veinlets																	
	222.2	222.2-222.8m, frac-zone																	
	229.3	229.3-239.2m, alt(ss>sl) with qz veinlets																	
	239.2	239.2-242.1m, alt(sl>ss)																	
	242.1	242.1-249.2m, alt(ss>sl) with qz veinlets																	
	242.2	242.2m, cal vein, w=0.3cm																	
	249.2	249.2-249.7m, ss																	
	249.7	249.7-257.4m, alt(ss>sl)																	
	250																		250



# GEOLOGIC CORE LOG OF MJUS-4 (6/7)

1/200

MJUS-4 (6/7) 250 m ~ 300 m

Level 226.05m Direction S60°W  
 X 86.825.28m Inclination -75°  
 Y 70.936.12m Length 350.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST				
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	N					
	250																		
	252																		
	254	253.3-254.1m, grey ch 254.1-257.4m, alt(ss>sl) 254.5m, qz vein, w=0.5cm																	
	256																		
	258	257.4-269.6m, alt(ss>ss) with qz veinlets 258.8-258.85m, ch with qz veinlets																	
	260																		
	262																		
	264																		
	266																		
	268	267.3-267.4m, rhodo vein, w=0.3cm																	
	270	269.0-370.3m, frac-zone 269.6-301.7m, greyish white quartzite 270.7-271.8m, frac-zone																	
	272																		
	274	274.4-275.7m, frac-zone																	
	276																		
	278	277.5-278.0m, greenish grey diabase 278.3-279.8m, greenish grey diabase																4L5 T	278.4
	280	280.2-281.4m, greenish grey diabase																	280
	282																		
	284																		
	286																		
	288	286.9m, joint																	
	290																		
	292	291.3-291.7m, frac-zone																4L6 P	291.8
	294	294.8m, joint																	
	296																		
	298																		
	300	299.6-301.7m, quartzite with abundant py																	

# GEOLOGIC CORE LOG OF MJUS-4 (7/7)

1/200

MJUS-4 (7/7) 300 m ~ 350 m

Level 226.06m Direction S60°W  
 X 86,825.28m Inclination -75°  
 Y 70,936.12m Length 350.0m

LITHO LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	300	300.4m joint with py														
	301.7	301.7-303.8m, frac-zone with fault clay, qz and abundant py	301.7	S-4028	0.1	2.4	0.02					tr	tr	0.01		
	303.9	303.9-305.3m, dk grey py>qz vein	303.9	S-4029	tr	<l	0.02					tr	tr	0.12	417 P	
	305.3	305.3-305.7m, frac-zone with fault clay	305.3	S-4030	0.1	<l	0.03					tr	tr	0.12		
	306.1	305.7-309.3m, silicified, weakly skarnized metasomatite with py	306.1	S-4031	tr	<l	0.04					tr	tr	0.03		
	309.3	306.1-310.2m, frac-zone	309.3	S-4032	0.2	<l	0.02					tr	tr	1.34		
	310.2	309.3-315.8m, green skarn with qz, cal veinlets	310.2	S-4033	1.8	<l	0.04					tr	tr	1.1		
	311.7		311.7	S-4034	0.5	<l	0.02					tr	tr	0.58	418 P	
	312.5		312.5	S-4035	0.5	<l	0.07					tr	tr	0.6	419 X	
	314		314	S-4036	0.4	<l	0.08					tr	tr	0.84		
	315.8		315.8	S-4037	0.4	<l	0.08					tr	tr	0.81		
	315.8		315.8	S-4038	0.4	<l	0.12					tr	tr	0.66		
	315.8	315.8-318.2m, grey quartzite with py	315.8	S-4039	0.1	<l	0.04					tr	tr	tr		
	318.2	318.2-318.7m, frac-zone														
	318.2	318.7-318.2m, frac-zone														
	318.2	318.2-317.0m, whitish grey Grano-dt with qz veins and py	318.2													
	318.2	318.2-318.3m, qz vein, w=0.7m														
	322	321.8m, qz vein, w=5cm														
	322	322.4m, qz vein, w=2.5cm														
	324	324.1-324.4m, frac-zone														
	324	324.6m, qz vein, w=3cm														
	326	326.3m, qz vein with py and mo, w=2cm													410 S	
	329.3-329.7m, qz vein with py, mo															
	330	330.8m, qz vein with py, mo, w=10cm														
	332.8	332.8-333.5m, alt(ss>st)														
	334.8	334.8-337.0m, qz vein, w=10cm	334.8													
	334.8	334.8-337.0m, frac-zone with abundant qz and py	334.8	S-4040	tr	<l	0.02					tr	tr	tr		
	337.0	337.0-317.0m, Grano-dt with few qz veinlets and py	337	S-4041	tr	<l	0.01					tr	tr	tr		
	341.9-342.2m, frac-zone with clay														411 T	
	347.3-348.7m, frac-zone with clay and py															
	348.7-352.1m, irregular fractures with abundant py															
	350	350.0m, Bottom of the hole														

# GEOLOGIC CORE LOG OF MJUB-1 (1/3)

1/200

MJUB-1 (1/3) 0 m ~ 50 m

Level 237.96 m Direction S16°W  
 X 68,639.74m Inclination -75°  
 Y 92,184.10m Length 150.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W				
○ ○ ○ ○	0	0-3.6m, yellowish-grey soil with pebbles																
○ ○ ○ ○	3.8	3.6-7.1m, reddish brown strongly weathered sl																
○ ○ ○ ○	7.1	7.1-8.0m, slate with banded ss and qz veinlets	7.1	B-103	-	<1.0	150	30	60	30	-	6						
○ ○ ○ ○	8.0	8.0-12.0m, sludge																
○ ○ ○ ○	12.0	12.0-12.5m, dk greyish brown sl with banded ss partly weathered	12.0															
○ ○ ○ ○	12.5	12.5-14.0m, yellowish brown alt (ss>>sl)	12.5															
○ ○ ○ ○	14.0	14.0-18.0m, sludge																
○ ○ ○ ○	18.0	18.0-28.0m, silicified alt (ss>sl) with banded py	18.0	B-101	tr	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	18.0	18.0m, syenodiorite, w=3cm		B-102	tr	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	20.0			B-103	tr	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	22.0			B-104	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	22.0			B-105	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	24.0	24.0m, joint		B-106	tr	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	24.0			B-107	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	26.0			B-108	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	26.0			B-109	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	28.0	28.0-32.2m, greyish brown, fractured silicified metasonatite with py	28.0	B-1010	tr	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	28.0			B-1011	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	30.0	30.2-34.6m, dk grey silicified metasonatite with py	30.2	B-1012	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	30.0	31.5-31.7m, greenish-grey ls		B-1013	tr	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	32.0			B-1014	tr	1.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	32.0			B-1015	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	33.7	33.6m, qz-limo vein, w=0.3cm		B-1016	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	34.6	33.7-36.45m, frac-zone																
○ ○ ○ ○	34.6	34.6-36.8m, greyish brown imp																
○ ○ ○ ○	36.8	36.8-41.2m, silicified, weakly skarnized metasonatite with py	36.8	B-1017	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	36.8	38.8m, cal-qz-limo, side vein, w=6cm		B-1018	tr	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	40.0	38.0m, qz vein, w=0.3cm		B-1019	tr	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	41.2	38.8m, qz-side vein, 40°, w=0.3cm		B-1020	tr	1.2	<0.01	0.01	0.23	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	42.0	41.2-62.0m, greenish dk grey, silicified skarnized metasonatite with py	41.2	B-1021	tr	1.2	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	42.0			B-1022	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	44.0			B-1023	tr	<1	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	44.0			B-1024	tr	<1	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	46.0	46.5m, qz-cal-side vein, w=0.2cm		B-1025	0.1	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	46.0	47.7m, qz-side vein, w=3cm		B-1026	tr	<1	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	48.0	48.0-48.3m, abundant py		B-1027	tr	<1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	48.0	48.0-49.6m, qz-side vein, 45°, w=0.4cm		B-1028	tr	<1	0.04	<0.01	<0.01	0.20	<0.01	<0.01	<0.01	<0.01				
○ ○ ○ ○	50.0			B-1029	tr	<1	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01				

## GEOLOGIC CORE LOG OF MJUB-1 (2/3)

1/200

MJUB-1 (2/3) 50 m ~ 100 m

Level 237.98 m    Direction 516° W  
 X 68,639.74m    Inclination -75°  
 Y 92,184.10m    Length 150.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT											LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W			
			50	B-1030	tr	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
			51	B-1031	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.01				
		52.7m, qz vein, w=0.3cm	52	B-1032	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.01				
			53	B-1033	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
		53.9-54.25m, py vein	53.9	B-1034	tr	1.2	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
	55.0		54.25	B-1035	tr	1.2	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
	55.2	55.0-55.7m, frac-zone	55	B-1036	tr	1.6	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
			56	B-1037	tr	1.2	0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		11.5 F		56.9
			57	B-1038	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	58.4		58	B-1039	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	59.0	58.4-59.0m, frac-zone	59	B-1040	tr	<1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		18.3		59.5
	60.0		60	B-1041	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				60
	61.0	60.0-61.0m, frac-zone	61	B-1042	tr	<1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	62.0		62	B-1043		1.2	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
		62.0-61.0m, silicified sl with banded ss and py	63	B-1044	tr	1.2	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
			64	B-1045	tr	1.2	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	65.1	64.2m, cal vein, w=0.6-1cm	64	B-1046	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	65.9	65.0m, syenodiorite, w=7cm	65	B-1047	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	66.0	65.9-79.4m, greenish grey, silicified skarnized metasonalite	66	B-1048	tr	<1	0.06	<0.01	<0.01	0.06	<0.01	<0.01	<0.01				
	67.0	68.0-67.0m, py vein	67	B-1049	tr	<1	0.04	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	68.0		68	B-1049	0.1	<1	0.15	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		11.6 P		68.5
	69.0	69.0-69.6m, abundant py	69	B-1050	tr	1.2	0.05	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
			70	B-1051	tr	<1	0.04	<0.01	0.04	<0.01	<0.01	<0.01	<0.01				70
			71	B-1052	0.1	1.2	0.04	<0.01	<0.01	0.21	<0.01	<0.01	<0.01				
			72	B-1053	tr	<1	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
			73	B-1054	0.1	<1	0.03	<0.01	<0.01	0.06	<0.01	<0.01	<0.01				
		74.00m, cal vein, w=1cm	74	B-1055	tr	<1	0.03	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
		74.2-74.5m, py vein	75	B-1056	tr	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
			76	B-1057	tr	<1	0.03	<0.01	<0.01	0.13	<0.01	<0.01	<0.01				
			77	B-1058	tr	<1	0.01	<0.01	<0.01	0.15	<0.01	<0.01	<0.01		18.4		77.5
			78	B-1059	tr	1.2	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	79.4	78.7m, cal vein, w=0.3cm	79	B-1060	tr	<1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01				
	80.3	79.4-80.3m, biotite hornfels(ss)	80	B-1061	1.4	<1	<0.01	<0.01	<0.01	0.62	<0.01	<0.01	<0.01				
			81	B-1062	tr	<1	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01				
			82	B-1063	tr	<1	0.06	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		11.7 F		82.4
	83.4		83	B-1064	tr	1.8	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
	84.2	83.4-87.9m, skarn with py, cp	84	B-1065	0.8	<1	0.14	<0.01	<0.01	0.24	<0.01	<0.01	<0.01		11.8 X		84.4
	84.8	84.2-84.8m, py vein	84	B-1066	0.8	2.4	0.17	<0.01	<0.01	0.58	<0.01	<0.01	<0.01		11.9 X		85.2
			85	B-1067	0.8	<1	0.09	<0.01	<0.01	0.2	<0.01	<0.01	<0.01		18.5		85.8
			86	B-1068	4.6	<1	0.06	<0.01	<0.01	0.02	0.02	<0.01	<0.01		11.10 PX		86.5
			87	B-1069	1.0	<1	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		11.11 F		88.1
	87.9	87.9-88.3m, silicified skarnized metasonalite	88	B-1070	tr	1.2	0.08	<0.01	<0.01	0.03	<0.01	<0.01	<0.01				
	89.9	88.3-89.3m, silicified sl	89	B-1071	0.1	<1	0.05	<0.01	<0.01	0.05	<0.01	<0.01	<0.01				
	89.3	89.0-89.3m, silicified skarnized metasonalite	90	B-1072	tr	1.2	0.05	<0.01	<0.01	0.02	<0.01	<0.01	<0.01				90
	91.5	89.3-91.5m, frac-zone	91	B-1073	tr	1.2	0.22	0.04	<0.01	0.04	<0.01	<0.01	0.4				
		91.5-96.3m, skarn	92	B-1074	0.7	1.2	0.06	<0.01	<0.01	0.3	<0.01	<0.01	<0.01				
			93	B-1075	0.3	1.6	0.05	<0.01	<0.01	0.08	<0.01	<0.01	<0.01				
			94	B-1076	0.6	<1	0.05	<0.01	<0.01	0.02	<0.01	<0.01	<0.01				
	95.9	95.75-95.9m, syenodiorite	95	B-1077	tr	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
			96	B-1078	0.1	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
		96.3-100.3m, dk grey lmp	97	B-1078													
			98	B-1078	60	<1.0	80	20	70	70	-	6	-		11.12 F		98.0

# GEOLOGIC CORE LOG OF MJUB-1 (3/3)

1/200

MJUB-1 (3/3) 100 m ~ 150 m

Level 237.95 m    Direction S16°W  
 X 68,639.74m    Inclination -75°  
 Y 92,184.10m    Length 150.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	100.3	100.3-100.8m skarn														
	100.8	100.8-130.4m pinkish grey syenodiorite														
	100.2m	joint														
	102															
	104															
	106															
	107		107	B1G3	10	1.6	30	40	50	20	-	6			1113	
	108		108													
	110															
	112															
	112	112.0m joint														
	114															
	115.5															
	116	115.5-116.1m frac-zone														
	117		117	B1G4	50	<1.0	40	130	60	50	<6	5		<10		
	118	117.0m joint with py	118													
	118	117.6-118.0m frac-zone														
	118	118.2m joint														
	120	119.5m joint														
	122															
	122.4	122.4-123.8m qz vein with py, w=1cm													1114	
	124															
	125	125.0m joint														
	126															
	127		127	B1G5	-	<1.0	30	70	50	50	-	6		-		
	128	128.0m joint	128													
	130															
	130.4															
	131.35	130.4-131.35m greenish grey syenodiorite													1115	
	132															
	133	133.8m joint														
	134															
	136															
	137		137	B1G6	-	<1.0	30	20	60	40	-	5		-		
	138	137.5m joint	138													
	140															
	142															
	143	143.0m joint with qz, w=0.2cm														
	144															
	146															
	147		147	B1G7	-	<1.0	40	30	60	30	-	6		-		
	148	148.3m joint	148													
	149														1116	
	150	150.0m Bottom of the hole														

# GEOLOGIC CORE LOG OF MJUB-2 (1/4)

1/200

MJUB-2 (1/4) 0 m ~ 50 m

Level 236.49 m Direction S16°W  
 X 68,672.64m Inclination -75°  
 Y 92,190.62m Length 200.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
○ ○ ○	0	0-2 Om, brown soil with pebbles														
○ ○ ○	2.0	2.0-9.0m, strongly weathered limy ss														
	9.0	9.0-10.8m, weathered greenish brown, limy ss														
	10.8	10.9-15.0m, greenish brown limy ss with cal-qz veinlets	11	B-201	-	<0.5	50	<3	<50	30	-	<6	-	-		281 11.4
	13.0	13.0-15.0m, frac-zone with fault clay	12													
	15.0	15.0-18.9m, skarnized ls with cal, ep, rhodo veinlets	15	B-201	-	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		281 18.0
	16.0		16	B-202	0.01	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		X
	18.0		17	B-203	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		282 17.6
	18.9		18	B-204	-	<1	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	20.1	18.9-20.1m, frac-zone 18.9-19.0m, fault clay 19.0-21.2m, alt (ss>sl)	20	B-201	10	15	200	10	70	60	-	30		<10		
	21.2	20.9-21.2m, frac-zone 21.2-50.3m, silicified metasediment with py, weakly silicized	21	B-205	-	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			22	B-206	-	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			23	B-207	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			24	B-208	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			25	B-209	-	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			26	B-210	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			27	B-211	-	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			28	B-212	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			29	B-213	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			30	B-214	-	<1	0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		212 30
			31	B-215	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		31.1
			32	B-216	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			33	B-217	-	<1	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
			34	B-218	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			35	B-219	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		213 35.4
			36	B-220	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		283 35.8
			37	B-221	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			38	B-222	-	<1	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
			39	B-223	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			40	B-224	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			41	B-225	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			42	B-226	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			43	B-227	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			44	B-228	-	<1	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			45	B-229	-	<1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			46	B-230	-	<1	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	47.1	47.1-48.0m, imp, dip 30°	47.1	B-201	30	0.8	50	15	60	100	-	17		-		214 47.1
	48.0		48	B-201	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			49	B-201	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			50	B-202	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		

# GEOLOGIC CORE LOG OF MJUB-2 (2/4)

1/200

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

Level 236.49 m Direction S16°W  
 X 68,672.64m Inclination -75°  
 Y 92,190.62m Length 200.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
s+s	50.3	50.3-70.65m, greyish green-dk grey, banded silicified, skarnized metasonatite	50.3	B-2033	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2034	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	52	53.2m, cal vein, w=0.2cm	52	B-2035	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2036	0.01	<1	0.04	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	54	54.4-54.9m, abundant rhodo	54	B-2037	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2038	-	<1	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	56		56	B-2039	-	<1	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2040	-	<1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	58		58	B-2041	0.01	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2042	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	60		60	B-2043	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2044	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	62		62	B-2045	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2046	0.03	<25	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	64	63.1-64.8m, greyish green-white, strongly silicified metasonatite	64	B-2047	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2048	-	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	66	64.8-70.65m, silicified skarnized metasonatite	66	B-2049	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2050	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	68		68	B-2051	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2052	0.01	<25	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	70	70.65-71.7m, sl with graphite	70	B-2053	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
s+s	72	71.7-71.9m, strongly silicified vein	72													
s+s	74	71.9-77.8m, alt(ss), silicified, skarnized with py	74	B-2054	-	10	50	15	70	40	-	5	-			
s+s	76	75.6-75.8m, wo	76	B-2054	0.03	<25	0.18	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01		
s+s	78	75.8-78.4m, green-grey skarn	78													
s+s	80	77.8-85.7m, silicified skarnized metasonatite	80	B-2055	0.10	<25	0.09	<0.01	<0.01	0.26	<0.01	<0.01	<0.01	<0.01		
				B-2056	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	82		82	B-2057	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2058	0.01	<25	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	84		84	B-2059	-	<25	0.02	<0.01	0.01	0.04	<0.01	<0.01	<0.01	<0.01		
				B-2060	0.01	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	86	85.7-85.9m, wo	86	B-2061	0.01	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2062	-	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	88	85.9-89.2m, hornfels (fn ss)	88	B-2063	-	0.5	50	20	80	100	-	7	-			
s+s	90	89.2-95.5m, silicified skarnized metasonatite	90	B-2064	-	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2065	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	92	91.0-91.1m, syenodiorite	92	B-2066	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
				B-2067	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
s+s	94	94.0-94.4m, py-asp-cp vein	94	B-2068	0.01	<25	0.07	<0.01	<0.01	<0.01	0.21	<0.01	<0.01	<0.01		
				B-2069	-	<25	0.37	<0.01	<0.01	<0.01	0.13	<0.01	<0.01	<0.01	<0.01	
s+s	96	94.75-95.1m, py-asp-cp vein	96	B-2070	-	0.6	150	20	70	150	-	8	-			
s+s	98	95.5-104.2m, alt(ss>sl) silicified hornfels with py	98													
s+s	100		100													

# GEOLOGIC CORE LOG OF MJUB-2 (3/4)

1/200

MJUB-2 (3/4) 100 m ~ 150 m

Level 236.49 m Direction S16° W  
 X 68,672.64m Inclination -75°  
 Y 92,190.62m Length 200.0m

LITHO LOG	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST					
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W						
	100																			
	102																			
	103.2	103.2-104.1m, yellowish green skarn with ep and py	103.2	B-2070	0.08	<25	0.18	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						218
	104.1	103.4m, qz vein, w=5cm	103.7																	
	104.2	104.2-106.9m, sl with banded ss																		
	105.0	105.0m, qz-cat vein, w=8cm																		
	106		106	B-2071	-	0.7	100	30	150	150	-	10								
	106.9	106.9-112.7m, silicified skarnized metasediment with banded structure	106.9	B-2071	-	<25	0.03	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01						
	108		108	B-2072	0.01	<25	0.02	<0.01	0.02	0.02	<0.01	<0.01	<0.01	<0.01						
	109		109	B-2073	0.01	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						286
	110		110	B-2074	0.01	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01						
	111		111	B-2075	0.03	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02						
	112		112	B-2076	-	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03						
	113		113	B-2077	0.03	<25	0.07	<0.01	0.65	<0.01	<0.01	<0.01	0.01							
	113.5	113.5-159.7m, syenodiorite, cns grain	113.5																	
	115.8	115.8-116.1m, 2 qz veins with py and asp, w=1-2cm	116	B-2078	100	1	30	50	50	1,000	-	6								219
	116		117																	
	118																			
	120																			
	122																			
	124																			
	126		126	B-2079	10	0.5	40	40	60	200	-	8								
	128	128.7m, joint	127																	
	130																			
	132																			
	134																			
	136		136	B-2080	-	0.5	50	50	50	50	-	10								
	138	138.0m, fissure, w=0.7cm	137																	
	140																			
	141	141.0m, joint with py																		
	142																			
	144																			
	146		146	B-2081	-	0.5	20	60	70	150	-	5								
	148	148.0-148.5m, frac-zone	147																	
	150																			









# GEOLOGIC CORE LOG OF MJUB-3 (3/3)

1/200

MJUB-3 (3/3) 100 m ~ 143.5 m

Level 231.77 m    Direction S16°W  
 X 69,374.22m    Inclination -15°  
 Y 92,879.70m    Length 143.5m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	100		101	B-306	5	<0.5	50	30	50	30	-	5			<10	
	102		101													388
	104															
	106	105.3m, joint with py														
	108	106.3m, joint with chl														
	110	109.6-110.2m, frac-zone														
	112		111	B-307	<5	<0.5	30	30	60	20	-	5				
	114		112													
	116															
	118															
	120		120	B-308	10	<0.5	20	40	60	40	-	5			<10	
	122		121													
	124	123.0-124.0m, frac-zone														
	126															
	128															
	130		130	B-309	-	<0.5	20	100	70	30	-	5				387
	132		131													02.1
	134															
	136															
	138															
	140		140	B-310	-	<0.5	30	40	<50	20	-	5			<10	
	142		141													
	144	143.5m, Bottom of the hole														
	146															
	148															
	150															

# GEOLOGIC CORE LOG OF MJUB-4(1/3)

1/200

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

Level 241.50 m Direction S30°W  
 X 68,442.38m Inclination -75°  
 Y 92,679.28m Length 130.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	0	0-8.7m, sludge														
	6.7	8.7-8.0m, fractured blk very fn ss														
	8.0	8.0-9.6m, silicified blk very fn ss														
	9.6	9.6-12.0m, silicified blk very fn ss with abundant qz veins and veinlets	9.6	B-401	-	<1	0.02	tr	tr	tr	tr	tr	tr	0.01		411
	12.0	9.8m, qz vein, w=12cm 10.0m, qz vein, w=10cm 12.4m, qz vein, w=10cm		B-402	tr	<1	0.02	tr	tr	tr	tr	tr	tr	0.01		
	12.9	12.9-13.8m, weakly silicified and skarnized ss with banded ss and py	12.9													
	13.8	13.8-15.0m, frac-zone with qz, limo and red soil														
	15.0	15.0-21.5m, dk grey, weakly skarnized fn ss with banded sl and sl														
	16.0	16.0-17.0m, frac-zone with qz														
	17.0		17	B-401	20	0.7	60	5	70	50	-	5		<10		
	20.2	20.2-21.0m, grey granite														
	21.0															
	21.5															
	22.1	21.5-22.1m, frac-zone with clay														
	22.3	22.1-22.3m, grey limy ss	22.3	B-403	-	<1	tr	tr	tr	tr	tr	tr	tr	0.01		492
	22.3	22.3-24.3m, grey ls with cal, qz veinlets														
	24.3	24.3-26.4m, blk fn ss with qz and limo veinlets	24.3	B-402	<5	0.5	50	8	80	20	-	5		<10		
	26.4	26.4-33.2m, silicified weakly skarnized metasediment	26.4													
	27.7	27.7m, joint with limo		B-404	-	<1	0.01	tr	tr	tr	tr	tr	tr	0.02		
	30		30	B-405	tr	<1	0.01	tr	tr	tr	tr	tr	tr	tr		
	33.2	33.2-34.3m, weakly silicified and skarnized ss with banded sl	33.2	B-406	-	<1	tr	tr	tr	tr	tr	tr	tr	tr		
	34.3	34.3-37.0m, silicified weakly skarnized metasediment	34.3	B-407	-	<1	0.01	tr	tr	tr	tr	tr	tr	tr		
	37.0	37.0-40.0m, ep skarn, w=10cm		B-408	-	<1	tr	tr	tr	tr	tr	tr	tr	0.01		
	39	39.0-44.0m, weakly silicified and skarnized alt (ss>sl)	39	B-403	10	<0.5	70	6	70	30	-	5		-		
	41.85	41.85-42.0m, greenish white ls with skarn														
	42.90	42.90m, green skarn														
	44.3	44.3-47.3m, silicified weakly skarnized metasediment	44.3	B-409	-	<1	tr	tr	tr	tr	tr	tr	tr	0.01		483
	47.3			B-4010	-	<1	tr	tr	tr	tr	tr	tr	tr	0.01		
	48.0	48.0-50.0m, silicified weakly skarnized metasediment	48	B-4011	-	<1	tr	tr	tr	tr	tr	tr	tr	0.01		
	48.4	48.4-48.52m, rhodo	50													

# GEOLOGIC CORE LOG OF MJUB-4 (2/3)

1/200

MJUB-4 (2/3) 50 m ~ 100 m

Level 241.50 m Direction S30°W  
 X 68,442.38m Inclination -75°  
 Y 92,679.28m Length 130.0m

LITHO LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	50.0	50.0-50.7m, silicified hornfels(ss)	50													
S + S	50.7	50.7-52.3m, silicified and weakly skarnized metasonatite	52.3	B-4012	-	<1	tr	tr	tr	tr	tr	tr	tr	0.01		
+ S +	52.3	52.3-72.5m, weakly silicified ss with fee py	52.3													
	54.7	54.7m, qz vein, w=0.2cm	54.5	B-401	6	0.5	70	20	100	30	-	6				
	61.0	61.0-61.2m, frac-zone														
	64.0		64	B-403	10	0.5	60	30	30	30	-	6				484
	69.8	69.8-70.5m, frac-zone	70.5													
	71.5	71.5m, fault clay, w=10cm														
	72.5	72.5-72.6m, grey ls	72.5	B-4013	-	<1	tr	tr	tr	tr	tr	tr	tr	tr		
	72.6	72.6-75.1m, cal. (qz), rhodo vein with py, wo	74	B-4014	tr	<1	tr	tr	tr	tr	tr	tr	tr	0.01		
	75.1	75.1-75.5m, str. silicified metasonatite with qz, rhodo veins and py	75.1	B-4015	tr	0.02	tr	tr	tr	tr	tr	tr	tr	0.01		
	75.5	75.5-78.9m, silicified, skarnized metasonatite with py	77	B-4016	tr	0.03	tr	tr	tr	tr	tr	tr	tr	tr		
	78.9	78.9-79.9m, silicified, weakly skarnized imp with py	78.9	B-4017	tr	0.04	tr	tr	tr	tr	tr	tr	tr	0.01		
	79.9	79.9-80.2m, syenodiorite with qz, py vein	80.9													414 PX
	80.2	80.2-80.9m, skarn with py, ep, rhodo, tremolite(?)	82	B-406	6	<0.5	30	30	30	100	-	7				
	80.9	80.9-88.3m, weakly skarnized imp with py	83													
	82	82.3m, joint with qz, w=0.3cm														
	83	83.3m, qz vein, w=0.2cm														415
	85.3	85.3-130.0m, pinkish grey crs syenodiorite	88	B-407	-	<0.5	30	20	<50	30	-	7		<10		485
	89.3	89.3m, qz vein 65°, w=0.3cm	89													
	90.8	90.8m, joint														
	93.3	93.3-93.6m, greenish grey altered syenodiorite	93.5													416
	93.6	93.6m, qz vein, w=2cm														
	95.4	95.4m, joint														
	97.6	97.6m, joint with py	98.5	B-408	-	<0.5	30	10	<50	30	-	5				
	98.5		99.5													



# GEOLOGIC CORE LOG OF MJUB-5 (1/3)

1/200

MJUB-5 (1/3) 0 m ~ 50 m

Level 234.41m  
 X 69,346.80m Direction S 5°W  
 Y 92,247.76m Inclination -76°  
 Length 134.0m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
	0	0-2.9m, fractured grey dol														
	2.9	2.9-7.0m, grey brecciated dol with cal veinlets		B-501		2	100	15	150	40	-	5				
	7.0	7.0-8.5m, fine grained grano-dt with dol xenolith and drusey qz and cal		B-502		1	200	15	200	40	-	<5			561	6.8
	8.5	8.5-9.6m, grey brecciated dol with cal veinlets		B-501		<25	0.07	0.01	0.03	0.01	0.01	0.01	0.01			
	9.6	9.6-13.8m, grey dol partly brecciated with cal veinlets		B-502		<25	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01			
	10	10.3m, cal vein, w=0.1cm		B-503		2	80	10	80	30	-	<5				10
	11	11.8m, cal vein, w=1cm		B-503		<25	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01			
	13.8	13.8-20.8m, dk grey ls with cal		B-504	0.03	<25	0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01			
	15.5			B-505		<25	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01			
	17			B-506		<25	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01			
	18			B-503		1	50	6	<50	30	-	<5				
	20	18.6m, cal vein, w=2cm		B-507		<25	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01			
	20	19.4-19.8m, grey dl with qz veinlets		B-502												
	20	20.0-25.0m, pinkish grey, weathred grano-dt		B-502		1	60	8	100	40	-	20				20
	22			B-504		0.5	70	10	80	40	-	7				
	25.0	25.0-26.1m, frac-zone of dol with clay														
	26.1	26.1-30.0m, dk grey sl with banded ss, cal-limo veinlets and py		B-508		<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01			
	30.0	30.0-30.5m, dk grey ls		B-505		<0.5	70	10	70	40	-	8			<10	30
	30.5	30.5-32.8m, greenish grey imp														
	32.8	32.8-34.5m, dk grey sl with banded ss		B-502		<0.5	80	15	80	30	-	5				
	34.5	34.5-36.4m, grey imp with cal, limo veinlets		B-506		<0.5	60	10	70	50	-	15			51.2	35.2
	36.4	36.4-37.5m, dk grey sl													58.2	36.0
	37.5	37.5-38.1m, grey ls														
	38.1	38.1-39.1m, dk grey sl with py														
	39.1	39.1-39.6m, frac-zone with py		B-507	<5	<0.5	20	8	60	30	-	<5				40
	39.6	39.6-40.4m, grey ls partly sharnized (ep) with py		B-507		<0.5	60	20	80	40	-	6			<10	
	40.4	40.4-41.8m, blk sl with qz side veinlets and py														
	41.8	41.8-42.7m, frac-zone with imp abundant py														
	42.7	42.7-43.4m, imp														
	43.4	43.4-45.7m, blk sl with py														
	45.7	44.3-44.7m, frac-zone with clay														
	45.7	45.7-58.2m, blk sl with banded ss, partly sharnized (ep, rhodo) with ep veinlets and abundant py		B-509		<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01			
	48	46.5-47.2m, frac-zone with clay		B-5010	0.01	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01			
	49			B-508		<0.5	80	10	70	50	-	6				
	50			B-5013		<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			





# GEOLOGIC CORE LOG OF MJUB-5 (3/3)

1/200

MJUB-5 (3/3) 100 m ~ 134 m

Level 234.41m Direction S 5°W  
 X 69,346.80m Inclination -76°  
 Y 92,247.76m Length 134.0m

LITHO LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W			
	100		100														583
			101	B-5G16		<0.5	40	6	50	30	-	<7					100.2
			102														
	103.8	103.8-104.2m, dk grey dol	104.2														
	104.2	104.1-106.4m, network cal-qz															
			106.6														584, 513
	106.6	106.4-114.2m, grey dt	108.1	B-5G17		<0.5	30	20	60	30	-	8					514
			108.1	B-5012	-	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01				FX
			109.8														
			110														
			112														
			114.2	B-5G18		0.6	20	10	60	40	-	8					
		114.2-134.0m, grey ls with cal veinlets	114.8														
			116.0	B-5019	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
	116.0	115.8m, cal vein, w=2cm	117.2														
	117.2	116.0-117.2m, frac-zone															
			118.0														
	118.0	118.0m, cal vein, w=0.5cm															
			120.0	B-5G19		<0.5	50	6	60	30	-	<5					120
		120.0-122.0m, frac-zone	122.0														
			124.0														
	124.0	124.0m, cal vein, w=0.3cm															
			128.8	B-5G20		<0.5	20	70	60	30	-	5					
		128.5-130.8m, frac-zone	130.8														
			132.0														
		132.7-134.0m, network cal	133.0														
	134.0	134.0m, Bottom of the hole	134.0	B-5G25	-	<0.5	60	7	60	30	-	6					134

# GEOLOGIC CORE LOG OF MJUB-6(1/4)

1/200

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

Level 207.15m Direction S20°W  
 X 69,124.28m Inclination -80°  
 Y 92,291.05m Length 153.0m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	NO <sub>3</sub>	W		
	0	0-9.5m, sand with pebble-cobble														
	9.5	9.5-11.8m, qz vein with abundant limo(float)	9.5	B-601	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
	11.8	11.8-15.0m, dk grey sl with banded ss	11.8													
	15.0	15.0-18.0m, fractured sl	15.0	B-601	10	1.5	200	80	150	40	-	40				
	18.0	18.0-19.0m, blk sl with qz veinlets and py	18.0													
	19.0	19.0-21.0m, silicified, skarnized metasonatite	19.0	B-602	0.03	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
	21.0	21.0-21.7m, sl with ss band	21.0													
	21.7	21.7-21.85m, diopside skarn with cal and py	21.7													
	21.85	21.85-21.9m, alt(sl)ss weakly partly skarnized(ep, rhodo) with py	21.85													
	21.9	21.9-22.8m, frac-zone	21.9	B-602	-	0.6	80	30	150	40	-	10				
	22.8	22.8m, joint with ep, py	22.8													
	30.0	30.0m, joint with py	30.0	B-602	-	<0.5	70	20	100	40	-	6				
	34.0	34.0m, joint with ep, limo	34.0													
	39.3	39.3-41.7m, skarnized(ep, rhodo) alt(sl)ss with cal, qz veins and py	39.3	B-603	0.03	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
	41.7	41.7-45.8m, alt(sl)ss, partly weakly skarnized with py	41.7													
	44.5	44.5-45.6m, qz vein, w=3cm	44.5	B-603	-	<0.5	70	20	80	40	-	6				
	45.6	45.6-47.0m, silicified, skarnized metasonatite with py and qz veinlets	45.6	B-604	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
	47.0	47.0m, qz vein, w=7cm, with py	47.0	B-605	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
	49.5	49.5-60.1m, alt(sl)ss with py	49.5													

# GEOLOGIC CORE LOG OF MJUB-6 (2/4)

1/200

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

Level 207.15m Direction S20°W  
X 69,124.28m Inclination -80°  
Y 92,291.05m Length 153.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	H		
	50		50	B-606	-	<0.5	100	15	80	40	-	75	-	-		50
	52		51													
	54		58	B-607	-	<0.5	70	20	70	30	-	6	-	<10		
	56		59													
	60	60.0	60	B-608	0.03	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
	62		62.5													
	64	64.4	64.4	B-607	0.01	<25	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01		64.4
	66		64.8													64.3
	68		66	B-609	-	<0.5	80	15	80	30	-	5	-	<10		
	70		67													
	72		73	B-609	-	<0.5	80	15	80	40	-	10	-	-		
	74		74													
	76	75.0	75	B-610	-	0.5	100	8	80	40	-	5	-	-		
	78		76													
	80	77.4	77.4	B-611	-	<0.5	50	15	70	30	-	<5	-	-		683 615
	82		78													78.5 78.8
	84	79.5	79.5													80
	86		80													
	88		82													684
	90		82.7													82.7
	92		85	B-612	-	0.5	80	20	100	40	-	7	-	-		
	94		86													
	96		88													
	98		89													
	100		90	B-613	-	0.5	100	15	80	30	-	6	-	-		
			91													
			95.6	B-608	0.05	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
			95.9													
			97.5	B-609	0.03	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01		616
			98.2													97.5
			99													
			100	B-614	-	0.5	80	10	70	40	-	8	-	-		



# GEOLOGIC CORE LOG OF MJUB-6 (4/4)

1/200

MJUB-6 (4/4) 150 m ~ 153 m

Level 207.15m Direction S20°W  
 X 69,124.28m Inclination -80°  
 Y 92,291.05m Length 153.0m

LITHO-LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST		
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W			
150		150.3m, qz-calc vein, w=0.2cm															150
	151.1	151.1-151.9m, frac-zone															
152	151.2																
	153.0	153.0m, Bottom of the hole															

# GEOLOGIC CORE LOG OF MJUB-7(1/2)

1/200

MJUB-7 (1/2)    0 m ~    50 m

Level 240.08m    Direction S16°W  
 X 68,619.89m    Inclinacion +80°  
 Y 92,180.76m    Length 100.5m

LITHO-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TEST			
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W				
	0	0-8.7m, reddish brown-chocolate brown gossan of silicified rock with qz strongly weathred and fractured	0	B-701	3.6	1.8	0.07	<0.01	<0.01	<0.01	0.01	<0.01	0.03					
	2		2	B-702	1.0	<1	0.03	<0.01	<0.01	0.04	0.01	<0.01	<0.01					
	4		4	B-703	14.8	<1	0.06	<0.01	<0.01	0.03	0.01	<0.01	<0.01					
	6		6	B-704	0.6	1.8	0.05	<0.01	<0.01	0.02	0.01	<0.01	<0.01					
	8		8	B-705	4.0	1.2	0.09	<0.01	<0.01	0.04	0.01	<0.01	<0.01					
	10		10	B-706	2.0	1.6	0.01	<0.01	<0.01	0.03	0.01	<0.01	<0.01					7B 7C FF
	11.5	10.4-11.5m, chocolate brown massive limo with ep, skarn (red) and gyp vein	11.5	B-707	0.4	<25	0.10	<0.01	0.01	0.06	0.01	<0.01	<0.01					
	13	11.5-13.0m, silicified rock with limo veins, ep and qz	13	B-708	0.4	<25	0.01	<0.01	0.01	0.01	0.01	<0.01	<0.01					
	13.9	13.0-13.9m, frac-zone	13.9	B-709	0.5	<25	0.08	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	14.5	13.0-14.5m, greenish grey-reddish brown imp with gyp-limo veins	14.5	B-710	0.4	<25	0.05	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	15.6	14.5-15.6m, reddish brown-brown silicified rock with limo and gyp	15.6	B-711	6.6	2.8	0.08	<0.01	0.04	<0.01	0.01	<0.01	<0.01					
	16.8	16.6-16.8m, greenish grey, weakly skarnized imp with gyp-limo vein	16.8	B-7035	0.01	<25	0.02	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	18		18	B701	-	<0.5	100	7	60	40	-	5	<10					
	19		19	B-7036	0.01	<25	0.02	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	20		20	B-7037	0.03	<25	0.04	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	21.4	20.7-21.4m, frac-zone	21.4	B-7038	0.1	<25	0.07	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	22		22	B-7039	0.5	<1	0.2	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	24		24	B702	-	0.6	500	7	60	60	-	5	-					7B2
	25.8	26.7m, gyp vein, w=0.3cm	25.8	B-7040	0.01	<25	0.12	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	26.8	26.8-28.0m, frac-zone	26.8	B-7041	0.01	<25	0.15	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	28	27.9m, gyp vein, w=1cm	28	B-7042	0.8	<1	0.1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	28.9	28.9m, gyp vein, w=2cm	28.9	B-7043	0.08	<25	0.08	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	30	28.9-30.0m, gyp vein, w=2cm	30	B703	-	0.7	1,000	6	60	60	-	<5	-					
	30.8		30.8	B-7044	0.1	<25	0.08	<0.01	<0.01	<0.01	0.01	<0.01	<0.01					
	31.8	30.6-31.6m, frac-zone with abundant limo	31.8	B-7045	0.03	<25	0.03	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	32		32	B-7046	0.03	<25	0.04	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	34	32.2m, limo-gyp vein, 10", w=2cm	34	B-7047	0.5	<25	0.02	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	36.1	34.8m, joint with limo	36.1	B704	-	0.5	200	8	70	70	-	6	<10					
	37.1		37.1	B-7048	0.06	<25	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01					7L2
	38.1	36.1-37.1m, pinkish brown-green migm- atite of syenodiorite and skarn	38.1	B-7049	0.05	<25	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	39.0	37.1-40.0m, green skarn with dissemin- ated py, asp and veins	39.0	B-7012	0.8	1.8	0.03	<0.01	0.01	0.01	0.01	<0.01	<0.01					
	40.0	38.4-38.5m, limo, py and asp vein	40.0	B-7013	40.0	6.6	0.09	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	41.0	38.9-39.0m, limo, py and asp vein	41.0	B-7014	3.8	1.8	0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	42	40.0-43.1m, skarnized ss with abunda- nt py and asp	42	B-7015	2.2	1.6	0.08	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	43.1	41.0-42.5m, frac-zone of skarnized fn ss	43.1	B-7016	77.8	8.0	0.12	<0.01	0.01	0.58	0.01	<0.01	<0.01					
	44	43.1-45.0m, fractured skarnized fn ss with clay and sulphide vein	44	B-7017	5.4	2.2	0.08	<0.01	0.01	0.06	0.01	<0.01	<0.01					
	46	45.0-46.2m, fractured skarn and sulphide vein	46	B-7018	0.8	<1	0.02	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
	48	46.2-53.4m, green skarn(ep, red) with py and asp	48	B-7019	65.3	15.6	0.14	<0.01	0.01	0.05	0.01	<0.01	<0.01					
				B-7020	12.0	6.4	0.08	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
				B-7021	1.6	1.2	0.07	<0.01	0.01	<0.01	0.01	<0.01	<0.01					
				B-7022	4.4	2.4	0.06	<0.01	0.01	<0.01	0.01	<0.01	<0.01					7B3

# GEOLOGIC CORE LOG OF MJUB-7 (2/2)

1/200

MJUB-7 (2/2) 50 m ~ 100.5 m

Level 240.08m  
 X 69,619.89m  
 Y 92,180.76m  
 Direction S16°W  
 Inclination -80°  
 Length 100.5m

LITHO LOGGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT										LAB. TESTI	
					Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO <sub>3</sub>	W		
s s s			50	B-7023	2.4	2.6	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	713 PX	50.0
s s s			51	B-7024												
s s s	52.1	52.1-52.7m, fractured skarn	52.1													
s s s	53.1	53.0-53.9m, frac-zone		B-7025	0.9	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s	53.8	53.4-54.2m, skarnized fn ss														
s s s	54.1	54.2-55.3m, greenish grey imp weakly skarnized	54.2	B-7026	0.2	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s	54.8	55.3-67.7m, silicified and weakly skarnized metasediment with rhodo and py	55.3	B-7027	0.2	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s	55.1	56.2m, rhodo vein, w=5cm	57													
s s s			58	B-7028	0.1	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s			59													
s s s		60.0m, qz vein, w=2cm	60	B-7029	0.2	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	784 714 F	59.4 60.0	
s s s			61													
s s s			62	B-7030	0.5	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s			63													
s s s			64	B-7031	0.3	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s			65													
s s s			66	B-7032	0.2	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s	65.8	66.6-66.8m, grey dt	68.5											715 P	66.5	
s s s	67.8															
s s s	67.7	67.7-74.8m, grey dt with qz, rhodo, ep veinlets	68	B-705	-	<0.5	80	15	60	50	-	6	<10	716 T	68.2	
s s s			69													
s s s			70	B-7050	0.1	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
s s s			71													
s s s	71.0	71.0-71.8m, frac-zone	71	B-7051	0.03	<25	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01	785	71.8	
s s s	71.8		72													
s s s			73	B-708	-	<0.5	80	20	60	100	-	7	-			
s s s			74													
s s s	74.8	74.8-76.5m, silicified skarnized metasediment with rhodo, py	74.8	B-7034	0.1	<25	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01			
s s s	76.5		76.5													
s s s		76.5-100.5m, pinkish grey syenodiorite	78													
s s s			78	B-706	-	<0.5	30	30	60	80	-	6	-			
s s s			79													
s s s			80													
s s s			82													
s s s			84													
s s s		83.7m, joint	85	B-709	-	<0.5	50	50	60	40	-	6	<10			
s s s			86													
s s s			88													
s s s			90													
s s s		89.4m, joint	92	B-707	-	0.5	70	50	60	40	-	5	<10			
s s s			93													
s s s	93.8	93.8-94.8m, frac-zone	94													
s s s	94.8		95													
s s s			96													
s s s			98	B-7011	-	<0.5	30	30	60	70	-	6	-			
s s s			99													
s s s		100.5m Bottom of the hole	100													







## **Appendix 2. Result of Laboratory Works**



Appendix 2-1 List of Laboratory Works

Items	Quantity							Total
	Geological survey		Drilling survey		Geophysical survey	Total		
	Geological survey	Trench	Sautbay district	Bulutkan district				
1. Thin section	10	26	12	20	--		68	
2. Polished section	--	36	14	17	--		67	
3. X-ray diffraction analysis	--	46	3	16	--		65	
4. Fluid inclusion test	--	36	2	16	--		54	
5. Rock analysis (Au, Ag, As, Cu, Pb, Zn, Bi, Mo, W)	91	713	--	100	--		904	
6. Ore analysis								
1) (Au, Ag, As, Cu, Pb, Zn, Bi, Mo, W, WO <sub>3</sub> )	30	--	--	301	--		331	
2) (Au, Ag, As, Cu, Pb, Zn)	--	512	--	--	--		512	
3) (Au, Ag, Cu, Bi, Mo, WO <sub>3</sub> )	--	--	200	--	--		200	
7. Resistivity and chargeability test	--	--	--	--	40		40	
Total	131	1,369	231	470	40		2,241	



Appendix 2-2 Microscopic Observations of the Thin Sections (1/3)

No.	Sample No.	Location	Rock name	Primary minerals												Secondary minerals												Remarks
				Qtz	Pl	Kfs	Bt	Hbl	Cpx	Spr	Ap	Cal	Tur	Ms	Zn	Rt	Hem	Opc	Chl	Act	Mf	Br	Ep	Zo	Ser	Cal		
				△	○	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	△	
1	FR 2	Local grid (93,70)	Lamprophyre	△	○	△	△																		plagioclase porphyritic			
2	FR 4	Local grid (93,71)	Lamprophyre	△	○	△	△										○								chloritized biotite pseudomorph			
3	FR 9	Local grid (91,68)	Porphyritic diorite	○	○	△	○	○									○								plagioclase porphyritic			
4	FR 16	Local grid (85,71)	Greenschist	○												○								primary actinolite				
5	FR 17	Local grid (83,70)	Granodiorite	△	○	△	○																					
6	FR 19	Local grid (86,71)	Aplite	△	△	○																						
7	HR 4	Local grid (92,70)	Lamprophyre	△	○	○	○										△	△							chloritized biotite pseudomorph			
8	HR 5	Local grid (94,74)	Biotite granodiorite	○	○	△	○										△	△										
9	HR 7	Local grid (95,73)	Lamprophyre	△	○	○	△										△											
10	HR 10	Local grid (93,70)	Weathered rhyolite?	△																								
11	S-1L4	MTUS-1 191.0m	Skarnized phyllite	○	△												△											
12	S-1L7	MTUS-1 327.0m	Syenodiorite	○	○	△	○										△	△							secondary biotite in hornblende			
13	S-2L1	MTUS-2 67.5m	Dolerite	△	○												△	○							komanitic texture			
14	S-2L8	MTUS-2 330.0m	Granodiorite	○	○	△																						
15	S-2L10	MTUS-2 384.0m	Diorite	○	○	○	△																					
16	S-2L14	MTUS-2 423.0m	Granodiorite	○	○	○																						
17	S-3L3	MTUS-3 196.2m	Sandy shale	○	△												△								chloritized biotite pseudomorph			
18	S-3L5	MTUS-3 312.5m	Altered syenodiorite	○	○												△								calcite vein			
19	S-3L8	MTUS-3 372.2m	Granodiorite porphyry	○	○	△											△								prehnite vein, chloritized biotite			
20	S-4L1	MTUS-4 9.2m	Slate with quartz vein	○																		△			illite rich, rare green biotite			
21	S-4L5	MTUS-4 278.4m	Granodiorite	○	○																				calcite vein, chloritized biotite			
22	S-4L11	MTUS-4 341.5m	Granodiorite	○	○	△																			chloritized biotite			

Abbreviations

Qtz: quartz, Pl: plagioclase, Kfs: K-feldspar, Bt: biotite, Hbl: hornblende, Cpx: clinopyroxene, Spr: sphene, Ap: apatite  
 Cal: calcite, Tur: tourmaline, Ms: muscovite, Zn: zircon, Rt: rutile, Hem: hematite, Opc: opaque mineral  
 Chl: chlorite, Act: actinolite, Ep: epidote, Ser: sericite, Sap: saponite  
 Circle: abundant, Triangle: common, Dot: minor constituents







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## Appendix 2-3 Photomicrographs of the Thin Sections

### Abbreviations

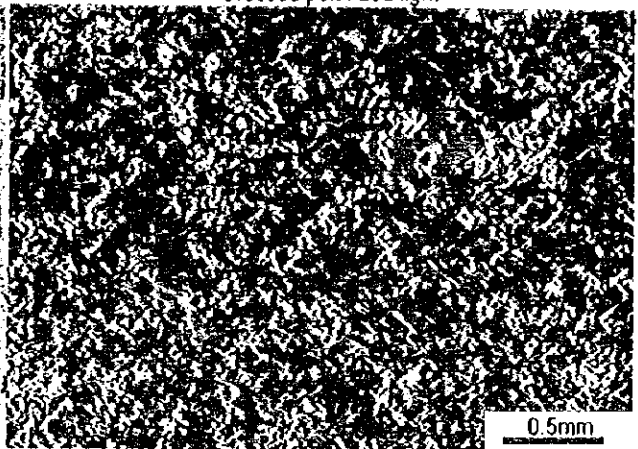
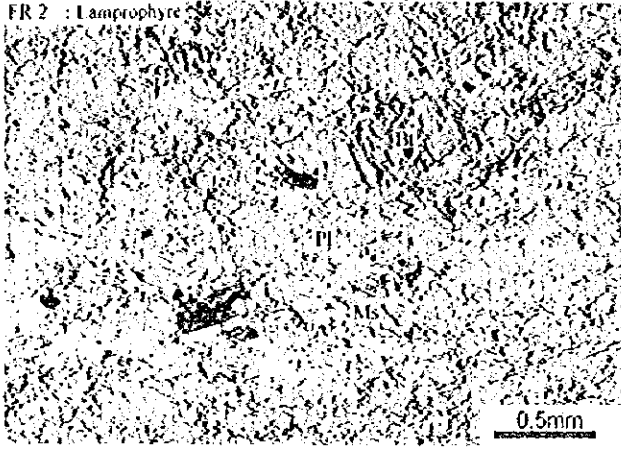
Act	: Actinolite
Bt	: Biotite
Cal	: Calcite
Chl	: Chlorite
Cpx	: Clinopyroxene
Dol	: Dolomite
Hb	: Hornblende
Hm	: Hematite
Kfs	: K-feldspar
Ms	: Muscovite
Pl	: Plagioclase
Qtz	: Quartz
Rt	: Rutile
Ser	: Sericite
Spn	: Spinel
Tur	: Tourmaline
Zo	: Zoisite

# Appendix 2-3 Photomicrographs of the Thin Sections (1/17)

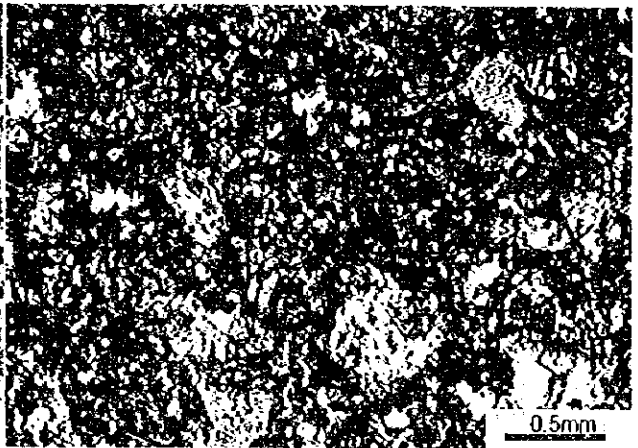
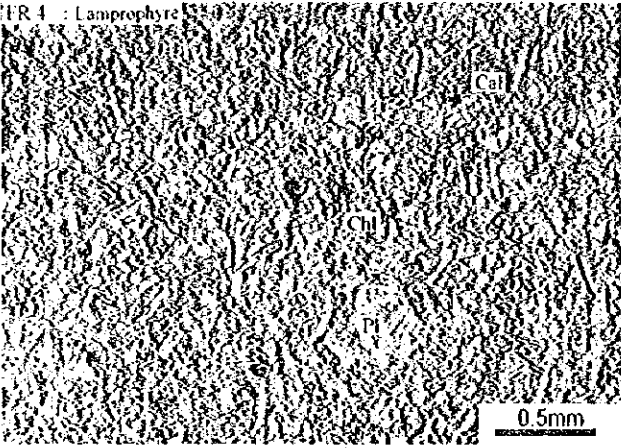
Plain polarized light

Crossed polarized light

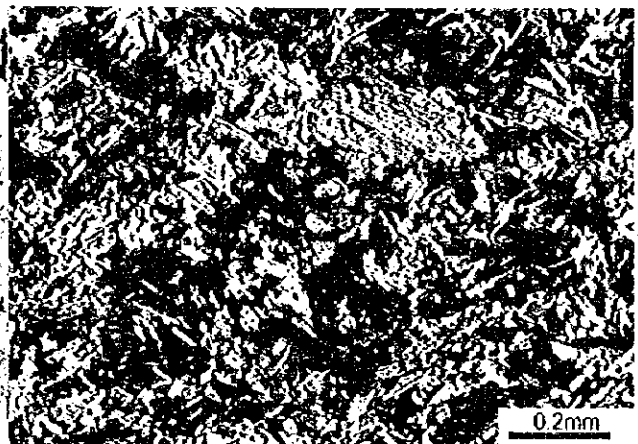
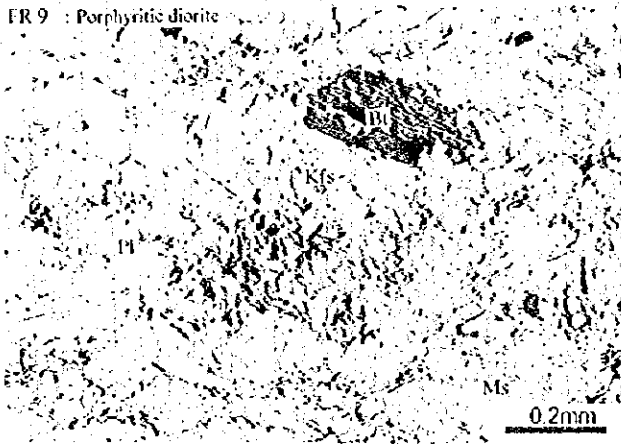
FR 2 : Lamprophyre



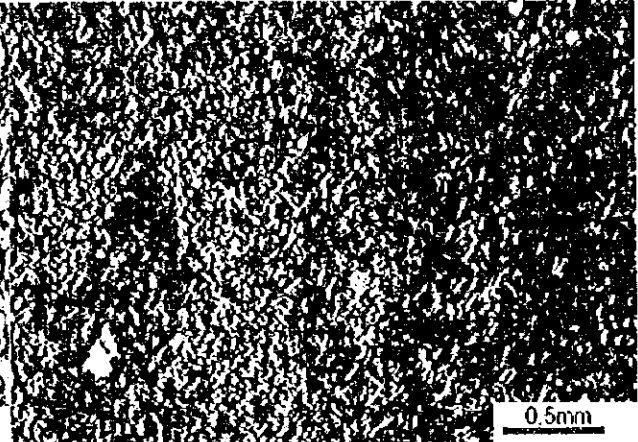
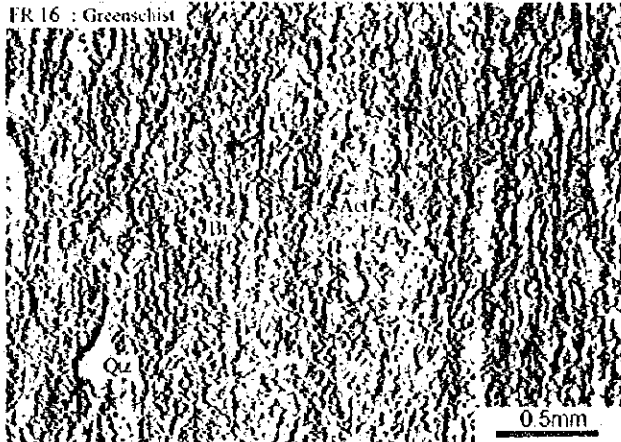
FR 4 : Lamprophyre



FR 9 : Porphyritic diorite



FR 16 : Greenschist

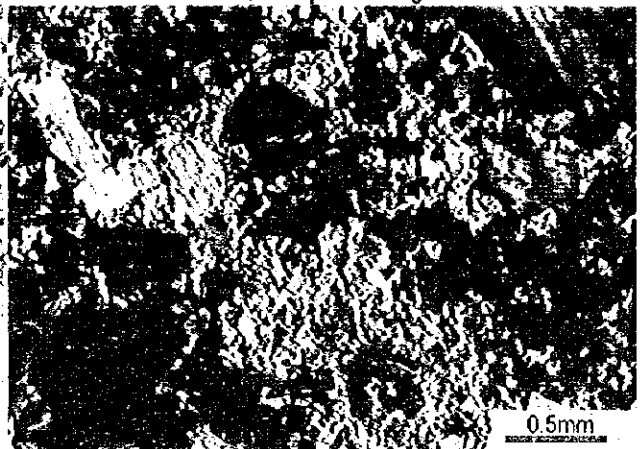
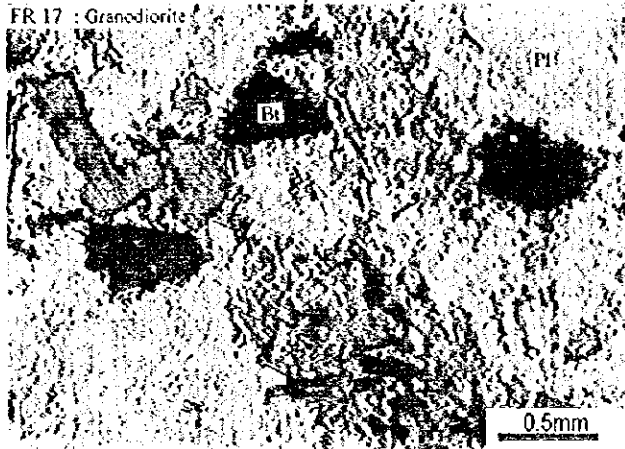


# Appendix 2-3 Photomicrographs of the Thin Sections (2/17)

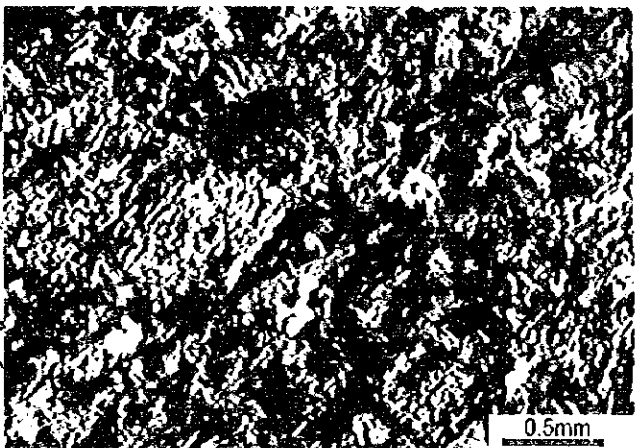
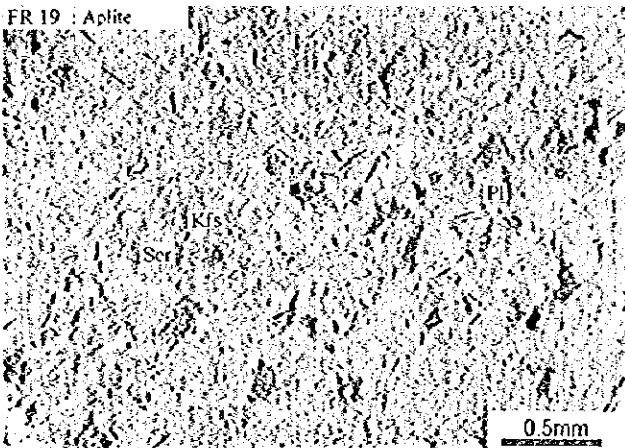
Plain polarized light

Crossed polarized light

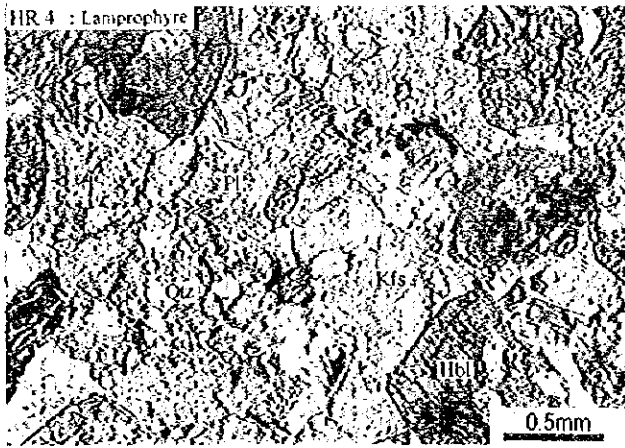
FR 17 : Granodiorite



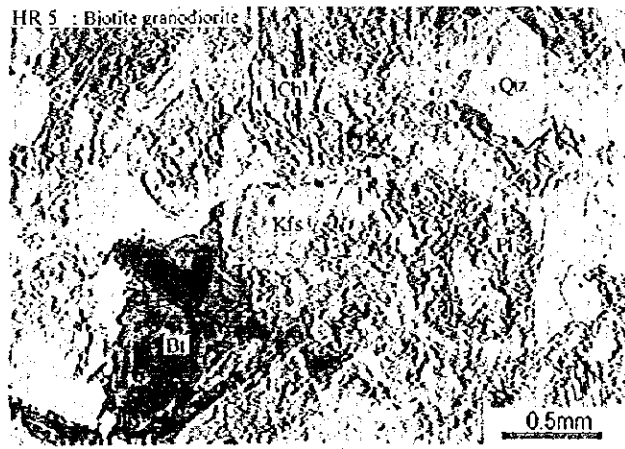
FR 19 : Aplita



HR 4 : Lamprophyre



HR 5 : Biotite granodiorite

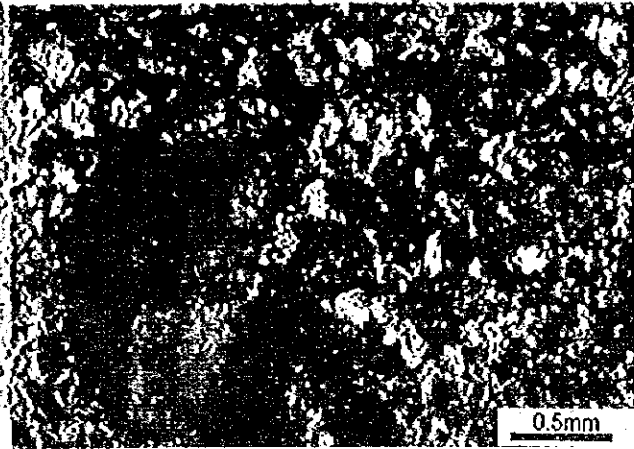
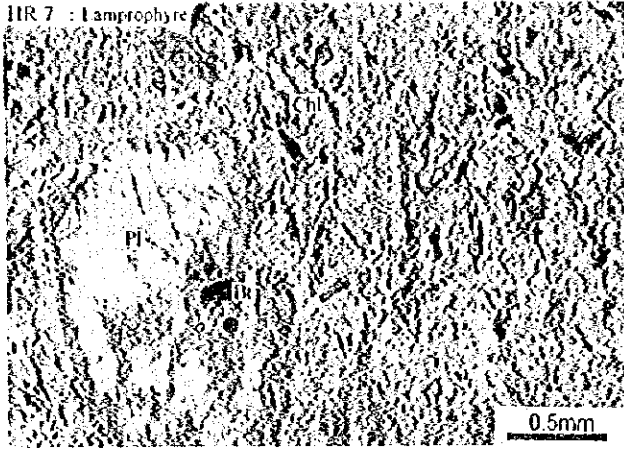


# Appendix 2-3 Photomicrographs of the Thin Sections (3/17)

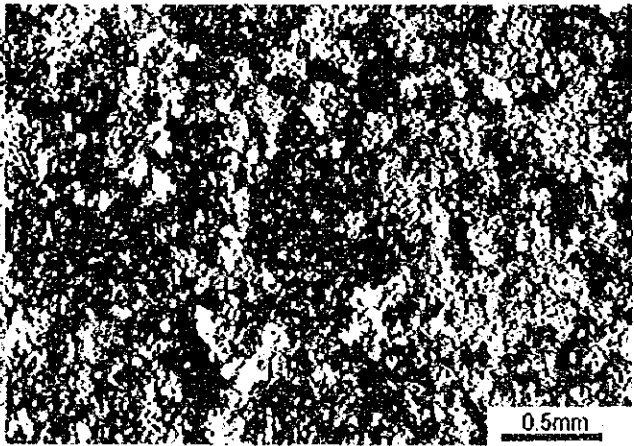
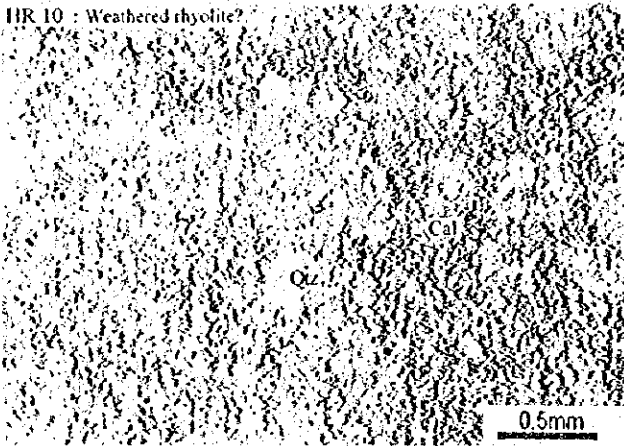
Plain polarized light

Crossed polarized light

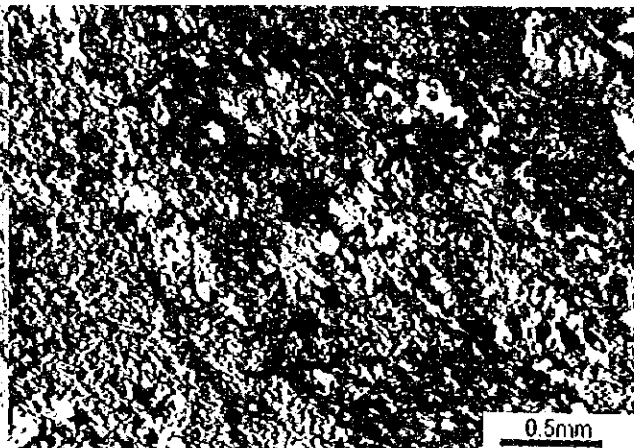
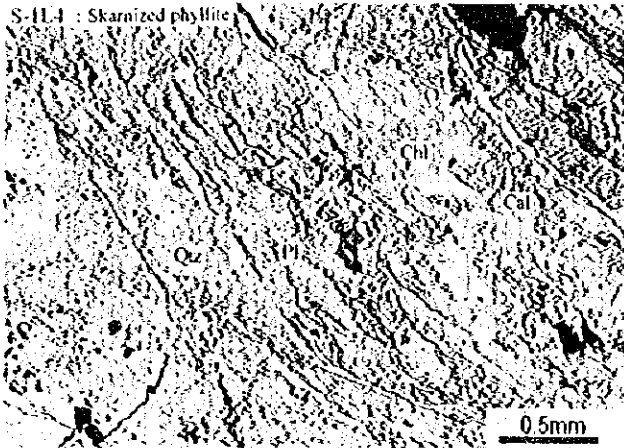
H1R 7 : Lamprophyre



H1R 10 : Weathered rhyolite?



S-11-4 : Skarnized phyllite



S-11-7 : Syenodiorite

