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

1/200

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

Level 230.72m
X 86,764.60m
Y 71,230.00m

Direction S60°W
Inclination -75°
Length 352.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	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
	103.6	
	104.9	104.2m, joint
		104.9-106.7m, greenish grey phy alt (ss>sl)
	106.7	106.7-107.8m, greenish grey skarnized phy with qz vein
	107.8	107.1m, qz vein, w=0.7cm
		107.8-110.6m, blk sl with banded ss and py
	110.6	110.6-114.5m, phyllitic sl with banded ss, quartzite and py
	114.5	
	115.1	114.5-115.1m, skarn(ep>rhodo)
		115.1-118.1m, sl with banded ss and py
		115.3-116.1m, frac-zone
	118.1	117.5-117.7m, green skarn with hema
	118.9	118.1-118.9m, white quartzite
		118.9-122.8m, greyish green py, sl with banded ss and py
		119.1m, cal(qz) vein, w=0.5-1cm
	122.8	
		122.8-125.1m, banded alt(ss>>sl)
	125.1	
	125.8	125.1-125.8m, alt(ss>>sl)
	126.1	125.8-126.1m, dk grey ls partly skarnized
		126.1-128.0m, silicified and skarnized metasomatite with cal vein
	128.0	127.0m, cal vein, w=3cm
	129.1	128.0-129.1m, alt(sl>ss) with py
	130.0	129.1-130.0m, silicified and skarnized metasomatite with cal vein
		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	
	134.0	133.3-134.0m, white quartzite
	134.5	134.0-134.5m, dk grey ls with cal
	135.0	134.5-135.0m, grey ss
		135.0-138.2m, green grey sandy phy with py
	138.2	
		138.2-141.1m, silicified skarnized metasomatite with qz and py
	141.1	
		141.1-177.4m, dk grey ls with cal veinlets
		141.3-143.0m, network cal vein
		149.1-149.3m, network cal vein
		149.0m, cal vein, w=0.2cm

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
126.1	S-109	-	<25	<0.01				<0.01	<0.01	<0.01		
128	S-1010	-	<25	0.01				<0.01	<0.01	<0.01		
129.1	S-1011	0.03	<25	<0.01				<0.01	<0.01	<0.01		
130												
138.2	S-1012	-	<25	0.02				<0.01	<0.01	0.01		JL2 P
139.5	S-1013	0.01	<25	0.01				<0.01	<0.01	<0.01		
141.1												

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-LOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		dk grey ls with cal veinlets													
		48													
		156.5-156.8m, network cal													
		150.0m, cal vein, w=1.5cm													
		53													
		163.7-166.2m, network cal													
		165.6m, cal vein, w=2cm													
		23													
		168.0m, cal vein, w=2cm													
		30													
	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													
		37													
	184.0	184.0-194.5m, greenish grey phy with py, weakly silicified and skarnized													
		189.6m, cal vein, w=1cm													
															IL4 1
		45													
	194.5	194.5-203.1m, dk grey banded slt (ss>sl)													
		197.0m, cal, ep, py vein, w=0.7cm													
		197.0-197.1m, skarnized(ep, rhodo) slt(ss>sl)													
		25													

150 152 154 156 158 160 162 164 166 168 170 172 174 176 178 180 182 184 186 188 190 192 194 196 198 200

191.0

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

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		dk grey banded alt(ss>sl)
	203.1	203.1-206.7m, weakly skarnized metasomatite with py
	206.7	
	207.3	206.7-207.3m, sl with banded ss
	208.1	207.3-229.0m, alt(ss>sl) with qz vein, partly skarnized(ep, rhodo)
	208.5	208.1-208.5m, frac-zone with clay
		210.4m, cal vein, w=0.3-0.8cm (50)
	211.8	211.6-212.9m, frac-zone with clay
	212.9	
		(47)
	218.6	
	219.1	218.6-219.1m, frac-zone with clay
		219.4m, cal vein, w=1cm (10)
	229.0	
		229.0-233.3m, dk grey banded alt (sl>ss)
		(52)
	233.3	
		233.3-240.5m, dk grey banded alt (ss>sl)
		234.1m, cal vein, 25°, w=1cm (65)
	240.5	
	241.2	240.5-241.2m, qz vein with py
		241.2-242.3m, limy sl
	242.3	242.3-244.9m, dk grey banded alt (sl>ss) with cal veinlets
	245.1	244.9-245.1m, qz, cal vein with py
	245.9	245.1-245.9m, frac-zone with clay
		245.9-258.8m, alt(ss>sl) with cal, qz veinlets and py
		(50)
		248.0-249.5m, network qz

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		ASSAY RESULT										
203.1												
	S-1014	0.03	<25	0.02				<0.01	<0.01	0.01		
205												IL5 P
	S-1015	0.03	<25	<0.01				<0.01	<0.01	<0.01		
206.7												

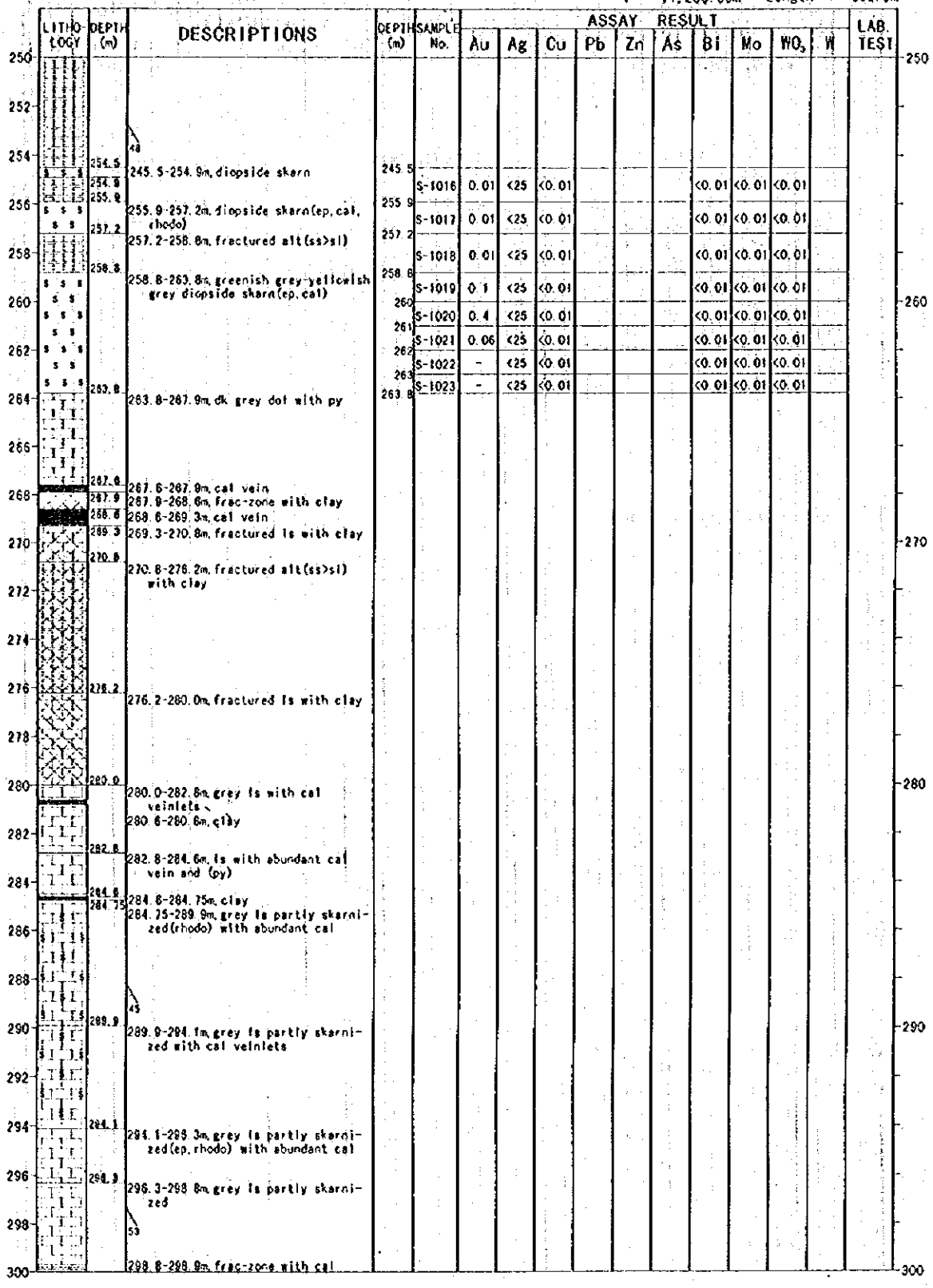
GEOLOGIC CORE LOG OF MJUS-1 (6/8)

1/200

MJUS-1 (6/8) 250 m ~ 300 m

Level 230.72m
X 86,764.60m
Y 71,230.00m

Direction S60°W
Inclination -75°
Length 352.0m



DEPTH (m)	DESCRIPTIONS
254.5	245.5-254.9m, diopside skarn
254.9	
255.9	255.9-257.2m, diopside skarn(ep, cal, rhodo)
257.2	257.2-258.8m, fractured alt(ss>sl)
258.8	258.8-263.8m, greenish grey-yellowish grey diopside skarn(ep, cal)
263.8	263.8-267.9m, dk grey dol with py
267.6	267.6-267.9m, cal vein
267.9	267.9-268.6m, frac-zone with clay
268.6	268.6-269.3m, cal vein
269.3	269.3-270.8m, fractured ls with clay
270.8	270.8-276.2m, fractured alt(ss>sl) with clay
276.2	276.2-280.0m, fractured ls with clay
280.0	280.0-282.8m, grey ls with cal veinlets
	280.6-280.6m, clay
282.8	282.8-284.6m, ls with abundant cal vein and (py)
284.6	284.6-284.75m, clay
284.75	284.75-289.9m, grey ls partly skarnized(rhodo) with abundant cal
289.9	289.9-294.1m, grey ls partly skarnized with cal veinlets
294.1	294.1-298.3m, grey ls partly skarnized(ep, rhodo) with abundant cal
298.3	298.3-298.8m, grey ls partly skarnized
	298.8-298.9m, frac-zone with cal

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
245.5	S-1016	0.01	<25	<0.01				<0.01	<0.01	<0.01		
255.9	S-1017	0.01	<25	<0.01				<0.01	<0.01	<0.01		
257.2	S-1018	0.01	<25	<0.01				<0.01	<0.01	<0.01		
258.8	S-1019	0.1	<25	<0.01				<0.01	<0.01	<0.01		
260	S-1020	0.4	<25	<0.01				<0.01	<0.01	<0.01		
261	S-1021	0.06	<25	<0.01				<0.01	<0.01	<0.01		
262	S-1022	-	<25	<0.01				<0.01	<0.01	<0.01		
263	S-1023	-	<25	<0.01				<0.01	<0.01	<0.01		
263.8												

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

DEPTH (m)	DESCRIPTIONS
300.0	300.0-300.7m, skarn(wo)
300.7	300.7-301.2m, silicified skarnized metasomatite
301.2	301.2-301.6m, qz vein with py
301.6	301.6-308.2m, grey quatzite partly skarnized(green) with he, rhodo, ep, wo, and py
308.2	308.2-311.3m, skarnized(ep, hd, rhodo, wo) metasomatite(quartzite) with py
311.3	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	318.2-319.3m, hornfels(fn ss) with banded quartzite
319.3	319.3-320.4m, skarnized(ep, hed) metasomatite with py and phy
320.4	320.4-323.3m, weakly skarnized alt (ss>sl)
323.3	323.3-324.7m, hornfels(fn ss) with banded quartzite
324.7	324.7-328.8m, grey dt with py
328.8	328.5m, joint with py
328.8	328.8-329.5m, skarn(wo, hed)
329.5	329.5-330.1m, quartzite partly skarnized
330.1	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	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
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(qurtzite>limy sl)
348.6	348.6-349.5m, frac-zone
349.5	349.5-351.9m, dk grey dt with py
	349.7m, joint with py

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
300	S-1024	0.3	<25	<0.01				<0.01	<0.01	0.01		
301.6	S-1025	0.01	<25	<0.01				<0.01	<0.01	<0.01		
304	S-1026	0.03	<25	<0.01				<0.01	<0.01	0.02		
306	S-1027	0.03	<25	<0.01				<0.01	<0.01	0.01		
308.2	S-1028	-	<25	<0.01				<0.01	<0.01	<0.01		
311.4	S-1029	0.06	<25	<0.01				<0.01	<0.01	<0.01		
316.2	S-1030	-	<25	<0.01				<0.01	<0.01	0.03		
319.3	S-1031	-	<25	<0.01				<0.01	<0.01	0.04		
328.8	S-1032	0.05	<25	<0.01				<0.01	<0.01	0.01		
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												

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

1/200

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

Level 230.72m
X 86,764.60m
Y 71,230.00m

Direction S60°W
Inclination -75°
Length 352.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
350		350.8m, joint with cal·py, w=0.2cm													
352	351.8 / 352.0	351.8-352.0m, grey quartzite 352.0m, Bottom of the hole													

GEOLOGIC CORE LOG OF MJUS-2 (1/9)

1/200

MJUS-2 (1/9) 0 m ~ 50 m

Level 221.20m
X 86,804.65m
Y 71,163.53m

Direction S60°W
Inclination -75°
Length 426.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		0-10.8m, greyish brown soil with pebbles													
	10.8	10.8-14.0m, dk grey silicified sl with banded ss and qz veinlets													
	14.0	14.0-16.7m, dk grey fn ss with qz veinlets 14.8-16.1m, network qz													
	16.7	16.7-19.7m, grey ch 17.9m, joint with limo													
	19.7	19.7-21.6m, dk grey fn ss with qz veinlets													
	20.5	20.5-21.0m, greyish brown aplite with py and limo													
	21.0														
	21.6	21.6-25.55m, dk grey sl with banded ss and qz veinlets 22.2m, joint with limo 23.8m, joint with limo													
	25.55	25.5-26.8m, dk grey ch with limo veinlets													
	26.8	26.8-27.8m, dk grey sl													
	27.8	27.8-29.0m, dk grey fn ss with banded sl													
	29.0	29.0-43.4m, greenish dk grey fn ss 31.7m, joint with limo													
	36.4	36.0m, joint with limo													
	38.7	36.4-38.7m, dk grey sl													
		40.5m, joint with limo													
	43.4	43.4-45.9m, alt(sl>ss)													
	45.9	45.9-46.7m, yellowish green skarn													
	46.7	46.7-48.9m, alt(ss>>sl)													
	48.9	48.9-49.9m, green diabase													
	49.9	49.9-51.7m, alt(ss>>sl)													

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 86,804.65m Inclination -75°
Y 71,163.53m Length 426.5m

DEPTH (m)	DESCRIPTIONS
51.7	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(sl>ss) with qz veinlets
63.2	63.2-64.4m, greyish white ss
64.4	64.4-65.2m, qz vein
65.2	65.0m, joint 65.2-67.0m, alt(ss>>sl)
67.0	67.0-67.7m, dk green grey doleritе
67.7	67.7-71.8m, alt(ss>>sl) 68.7m, skarn, w=6cm
71.8	71.8-73.5m, dk grey sl with banded ss and network qz
73.5	73.5-78.4m, greenish dk grey fn.ss with qz veinlets
73.8	73.8-74.4m, yellowish green skarn with ep and rhodo
74.4	
78.4	78.4-80.8m, frac-zone
80.8	80.8-82.9m, greenish grey skarn with abundant py. 82.0m, joint
82.9	82.9-85.8m, dk grey fn.ss with qz veinlets
85.8	85.8-86.5m, yellowish green skarn
86.5	
87.1	87.1-88.3m, yellowish green skarn 87.5m, qz vein, w=0.2cm
88.3	88.3-91.7m, dk grey alt(sl>ss) with qz veinlets
91.7	91.7-93.2m, frac-zone
92.2	91.7-92.2m, yellowish green skarn
93.2	93.2-96.4m, qz vein
96.4	96.4-101.5m, alt(ss>sl) with abundant py
98.4	98.50-101.5m, network qz

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
78.4												
	S-201	-	12.2	0.06				tr	tr	tr		
80.8												
	S-202	-	<1	0.04				tr	tr	0.01		
82.9												
85.8												
	S-203	tr	1.2	0.03				tr	tr	tr		
87												
	S-204	-	<1	0.02				tr	tr	0.02		
88.3												
91.7												
	S-205	-	<1	0.02				tr	tr	tr		
93.2												
	S-206	-	<1	tr				tr	tr	tr		
95												
	S-207	-	<1	tr				tr	tr	tr		
96.4												

LAB. TEST: 2L1/1 (67.5)

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

1/200

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

Level 221.20m Direction S60°W
X 86,604.65m Inclination -75°
Y 71,163.53m Length 426.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
	100.6	100.6-101.0m, frac-zone													
	101.0														
	101.5	101.5-102.2m, qz vein													
	102.2	102.2-104.2m, alt(sl>ss) with abundant py													
	104.2	104.2-108.4m, grey schist with abundant py													
		50													
		107.6m, qz vein, w=4cm													
	108.4	25													
		108.4-109.8m, alt(ss>sl)													
	109.8	109.8-111.9m, qz vein													
		30													
	111.9	111.9-116.5m, greenish grey schist with abundant py													
	112.2	112.7-112.9m, fn. ss													
	112.9														
	114.1	114.1-114.4m, frac-zone													
	114.4														
	116.5	116.5-118.1m, frac-zone													
		116.5-153.6m, phy, sl>>ss with banded py													
	118.1														
		119.8m, qz-side vein, w=0.5cm													
		25													
		122.0m, qz-py vein, w=2cm													
		30													
		48													
		131.2m, py-chl vein, w=0.4cm													
		134.0m, qz-ep vein, w=0.3cm													
		20													
	134.9	134.9-135.5m, frac zone with qz vein (w=17cm)													
	135.5														
		142.2m, joint with py													
		48													
		145.2m, qz-py-rhodo vein, w=3cm													
		145.9m, qz-py vein, w=4cm													

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 86,604.65m Inclination -75°
Y 71,163.53m Length 426.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	ASSAY RESULT Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		151.2m, qz-py vein, w=1cm													
		152.1-152.3m, qz vein													
	153.8	153.6-159.2m, greenish grey schist with banded py													
	159.2	159.2-161.5m, greenish grey sandy schist													
	161.5	161.5-164.4m, greenish grey schist													
	164.4	164.4-170.4m, alt(sl>>ss) phy with banded py													
		166.4-167.3m, qz network													
	170.4														
	171.0	170.1-171.0m, dk grey fn ss													
		171.0-172.1m, dk grey phy													
	172.1	171.2m, joint													
		172.1-174.5m, dk grey fn ss with py													
		172.6m, joint with py and cal													
	174.5	174.5-190.0m, phy, alt(sl>>ss) with banded py													
	190.0	182.5m, qz vein, 42°, w=0.6cm													
		185.8m, qz-py vein, w=0.8cm													
		187.5-187.9m, qz vein													
		190.0-190.5m, qz-py vein													
		190.5-199.8m, alt(sl>ss) with qz veinlets													
		193.4m, qz vein, w=0.3cm													
		195.7m, qz vein, w=0.7cm													
	198.3	198.3-198.9m, frac-zone													
	198.9	199.8-20.1m, dk grey fn ss with qz veinlets and py													
	199.8														

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

DEPTH (m)	DESCRIPTIONS
201.1	201.1-202.1m, alt(sl>ss) with qz veinlets
202.1	202.1-202.5m, qz vein with py
202.5	202.5-203.7m, frac-zone with fault clay
203.7	203.7-207.8m, dk grey sl with qz veinlets
	204.9m, joint
	205.8m, qz vein, w=0.3cm
207.8	207.8-208.2m, frac zone
208.2	207.8-209.3m, dk grey fn ss with qz veinlets
209.3	209.3-211.5m, alt(sl=ss)
211.5	211.5-213.2m, dk grey fn ss with qz veinlets and py
213.2	212.7m, joint with py and qz
	213.2-215.2m, frac-zone
215.2	215.2-218.0m, grey white dol with diopside skarn
218.0	218.0-223.6m, alt(ss>>sl) with qz veinlets
223.6	223.6-224.7m, white quartzite
224.7	224.0m, joint with ep
	224.7-228.3m, alt(sl>ss) with qz veinlets and py
228.3	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>>sl) with qz veinlets
231.6	231.6-232.3m, frac-zone
232.3	233.3m, clay, w=3cm
	234.8-235.1m, dipside skarn
238.2	238.2-238.7m, green skarn with py
238.7	
244.7	244.7-245.3m, greenish grey dipside skarn with py
245.3	
247.6	247.6-248.3m, dipopside skarn with py
248.3	

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
215.2	S-208	-	<1	tr				tr	tr	tr		
216	S-209	-	<1	tr				tr	tr	tr		2L4 X 216.5
217	S-2010	-	<1	tr				tr	tr	tr		
218	S-2011	-	<1	tr				tr	tr	tr		
219												

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

1/200

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

Level 221.20m
X 86,804.65m
Y 71,163.53m

Direction S60°W
Inclination -75°
Length 426.5m

DEPTH (m)	DESCRIPTIONS
250.4	250.4-253.9m, dk grey quartzite
252.2	
252.6	252.2-252.6m, diopside skarn
253.9	
	253.9-255.8m, alt(sl>ss) with py
255.8	47
256.3	255.8-256.3m, fn ss
	256.3-258.0m, alt(ls>ss) with skarn
258.0	
	258.0-264.4m, alt(sl>ss)
260.7	
	260.7-261.0m, ls with skarn
261.0	
261.4	261.4-262.2m, ls with skarn
262.2	
263.1	
263.6	263.1-263.6m, ls with skarn
264.4	264.4m, cal-qz vein
	30
	264.8-269.5m, alt(ss>sl)
	267.7m, joint
268.7	30
269.1	268.7-269.1m, dl with diopside skarn
269.5	269.5-274.9m, alt(ls>>ss)
	269.7-269.9m, frac-zone
273.8	
273.9	273.6-273.9m, frac-zone
274.9	
275.6	274.9-275.6m, fn ss
276.2	275.6-277.0m, greyish white dol
277.0	276.2-277.0m, frac-zone
	277.0-278.6m, alt(ss>ls)
278.6	
	278.6-280.5m, alt(ss>ls) with diopside-skarn
280.5	
	280.5-283.5m, alt(ls>sl)
	53
283.5	
284.5	283.5-284.5m, frac-zone with fault clay
	284.5-291.0m, alt(ls>>ss)
286.8	
287.9	278.6-280.5m, alt(ls>>ss) with diopside skarn
291.0	
	291.0-291.2m, qz-cal vein
	291.2-296.5m, alt(ls>>ch) weak skarnization
	50
294.4	
295.3	294.4-295.3m, frac-zone
296.5	
	296.5-300.7m, greenish grey diopside skarn

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
256.3	S-2012	-	<1	0.01				tr	tr	tr		
260.7	S-2013	-	<1	0.01				tr	tr	tr		2L6 P
262	S-2014	-	<1	0.02				tr	tr	tr		
263.6												
275.6	S-2015	-	<1	0.03				tr	tr	tr		
277	S-2016	0.1	<1	tr				tr	tr	tr		
278.6	S-2017	tr	<1	tr				tr	tr	tr		
280.5												
283.5	S-2018	-	<1	tr				tr	tr	tr		
285	S-2019	-	<1	tr				tr	tr	tr		
286.8	S-2020	tr	<1	tr				tr	tr	tr		
287.9												
291	S-2021	-	<1	tr				tr	tr	tr		
292.5	S-2022	-	<1	tr				tr	tr	tr		
294.3												
296.5	S-2023	tr	<1	tr				tr	tr	tr		
296	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
X 86,804.65m
Y 71,163.53m

Direction S60°W
Inclination -75°
Length 426.5m

DEPTH (m)	DESCRIPTIONS
300.7	300.7-301.3m, ch
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
309.8	309.8-310.8m, frac-zone with fault clay
310.8	310.8-312.0m, qz-cal vein
312.0	312.0-314.0m, alt(sl>fn ss) with py
	312.2-312.3m, skarn
314.0	314.0-314.8m, ls
314.8	314.8-319.4m, ls with skarn, width of skarn=10-20cm
319.4	319.4-323.7m, sl
	320.1-320.7m, frac-zone
	320.7-320.9m, skarn
	322.5-322.7m, ch
323.7	323.7-324.6m, fn ss
324.6	324.6-327.8m, alt(ss>sl)
327.8	327.8-331.7m, Grano-dt
	329.2m, joint
331.7	331.7-342.0m, dk grey fn ss with qz veinlets
	331.7-334.9m, frac-zone
334.9	334.7m, qz-cal vein, w=0.4cm
338.8	338.8-338.9m, Grano-dt
338.9	338.9-342.0m, frac-zone with fault clay
342.0	342.0-342.9m, sl
342.9	342.9-343.3m, grey Grano-dt
343.3	343.3-344.1m, alt(ss>sl)
344.1	344.1-347.8m, greyish white Grano-dt
	345.3m, joint
347.8	347.8-349.1m, fn ss
349.1	349.1-350.2m, greyish white ch

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
306.5	S-2026	-	<1	tr				tr	tr	tr		
309	S-2027	-	<1	tr				tr	tr	tr		
310.8	S-2028	-	<1	tr				tr	tr	tr		
312	S-2029	-	<1	0.01				tr	tr	tr		
314	S-2030	0.1	<1	0.01				tr	tr	tr		
315	S-2031	0.5	<1	tr				tr	tr	0.07		
316	S-2032	0.2	<1	tr				tr	tr	0.07		
317	S-2033	tr	<1	tr				tr	tr	0.03		
318	S-2034	0.1	<1	tr				tr	tr	0.01		
319.4	S-2035	0.2	<1	tr				tr	tr	0.03		
320.9												

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

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	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
	353.6	
	359.3	359.3-360.0m, greyish white ls
	360.0	greenish grey skarn with py
	360.2	360.0-360.9m, cal, qz vein
		360.9-365.3m, alt(ss>sl)
		362.6m, qz-cal vein, w=1.2cm
	365.3	365.3-370.6m, greyish white ls with skarn
		365.4-365.45m, skarn
		365.65-365.9m, skarn
		366.6-366.65m, skarn
	368.3	368.3-369.2m, skarn
	369.2	
	370.6	370.6-373.0m, skarn, diopside skarn
	373.0	373.0-380.65m, dk grey alt(ss>>sl) with py, partly skarnized
	380.65	380.65-388.6m, dk grey dt
		381.8m, qz vein, w=0.3cm
		385.5m, joint with qz(w=0.2cm)
	388.6	388.6-389.1m, Grano-dt
	389.1	389.1-389.4m, skarn
	389.4	389.4-393.4m, ls with ch
	390.8	390.8-393.4m, ls with skarn
	393.4	393.4-393.6m, Grano-dt
	393.6	393.6-395.5m, dk grey dt
		394.6m, joint with py
	395.5	395.5-395.8m, Grano-dt
	395.8	396.5-396.7m, Grano-dt
	397.55	395.7-397.55m, skarn
	397.9	397.55-397.9m, Grano-dt
		397.9-398.1m, qz vein
		399.1-404.3m, alt(ss>sl)
		398.3m, skarn, w=3cm

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		ASSAY RESULT										
359.3	S-2036	0.7	<1	tr				tr	tr	0.17		
360	S-2037	0.1	<1	tr				tr	tr	0.03		
360.9												
365.3	S-2038	tr	<1	tr				tr	tr	0.01		
367	S-2039	tr	<1	1.6				tr	tr	tr		
368.3	S-2040	0.3	<1	tr				tr	tr	0.15		2L9 P
369.2	S-2041	0.2	<1	tr				tr	tr	tr		
370.6	S-2042	0.2	1.2	0.01				tr	tr	0.03		
372	S-2043	0.1	<1	0.01				tr	tr	0.02		
373												
389.1	S-2044	1.4	<1	0.01				tr	tr	0.03		2L15 P
390	S-2045	0.4	<1	0.02				tr	tr	tr		
391	S-2046	0.5	<1	0.03				tr	tr	0.03		
392	S-2047	0.2	<1	0.01				tr	tr	0.08		2L12 X
393.4	S-2048	0.1	<1	0.01				tr	tr	tr		
395	S-2049	0.1	<1	0.01				tr	tr	0.03		
396.7	S-2050	0.4	<1	0.02				tr	tr	0.12		
397.55	S-2051	0.5	<1	0.01				tr	tr	0.05		
398.5	S-2052	tr	<1	0.01				tr	tr	0.04		
400												

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

1/200

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

Level 221.20m
X 86,804.65m
Y 71,163.53m

Direction S60°W
Inclination -75°
Length 426.5m

DEPTH (m)	DESCRIPTIONS
401.6	401.4-401.6m, ch
402.1	401.8-402.1m, ch
	402.2m, qz vein, w=0.3cm
	402.55m, skarn, w=2cm
404.3	404.3-406.9m, dk grey alt(sl>ss)
406.9	405.8-406.0m, alt(sl>ss) with skarn
	406.9-410.9m, alt(ss, ch, sl)
	406.9-409.3m, green skarn, diopside skarn
409.3	
409.9	
410.9	409.9-410.9m, green skarn, diopside skarn
	410.9-412.1m, alt(ss, ch, sl) with py partly skarnized
412.1	412.1-418.3m, alt(ts, ch) with py partly skarnized
	416.7-417.2m, skarn-diopside skarn
418.3	417.5-418.3m, skarn
419.0	418.3-419.0m, ts partly skarnized
419.9	418.0-419.9m, greyish white Grano-dt
420.7	419.9-420.7m, skarn
	420.7-426.5m, greyish white Grano-dt
426.5	426.5m, Bottom of the hole

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
400	S-2053	-	<1	0.01				tr	tr	tr		
402.1	S-2054	-	<1	tr				tr	tr	tr		
404	S-2055	2.8	<1	tr				tr	tr	tr		
405.8	S-2056	tr	<1	0.02				tr	tr	tr		
406.9	S-2057	2.2	<1	0.03				tr	tr	tr		
408	S-2058	0.1	<1	0.03				tr	tr	tr		
409	S-2059	0.2	<1	0.01				tr	tr	tr		
410	S-2060	tr	<1	0.02				tr	tr	tr		
410.9	S-2061	0.1	<1	0.02				tr	tr	tr		
412.1	S-2062	tr	<1	tr				tr	tr	tr		
413	S-2063	0.2	<1	tr				tr	tr	0.19		
414	S-2064	0.1	<1	0.01				tr	tr	0.16		
415	S-2065	tr	<1	0.01				tr	tr	0.04		
416.7	S-2066	0.2	<1	0.05				tr	tr	0.27		2L13 P
418	S-2067	0.1	<1	0.05				tr	tr	0.30		
419	S-2068	tr	<1	0.02				tr	tr	0.03		
419.9	S-2069	0.3	<1	0.10				tr	tr	0.42		
420.7												

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 : 86,807.00m Inclination : -75°
Y : 71,070.00m Length : 381.4m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		0-2.4m, dk grey silicified fn ss (float)													
	2.4	2.4-6.8m, fractured silicified fn ss (float)													
	6.8	6.8-9.7m, 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	28.6-58.1m, blk graphite sl with banded ss and py													
	30.7	30.7-32.5m, frac-zone													
	32.5	32.9-34.5m, frac-zone													
	34.5														
	36.2	36.2-37.6m, frac-zone													
	37.6														
	39.8	39.3m, qz vein with py, w=1cm													
	41.3	39.6-41.3m, frac-zone													
		41.5-41.7m, alt(ss>sl)													
		41.8m, qz vein, w=0.3-1cm													
		48.7m, joint with ilmo, py													

GEOLOGIC CORE LOG OF MJUS-3 (2/8)

1/200

MJUS-3 (2/8) 50 m ~ 100 m

Level 224.39m
X 86,807.00m
Y 71,070.00m

Direction S60°W
Inclination -75°
Length 381.4m

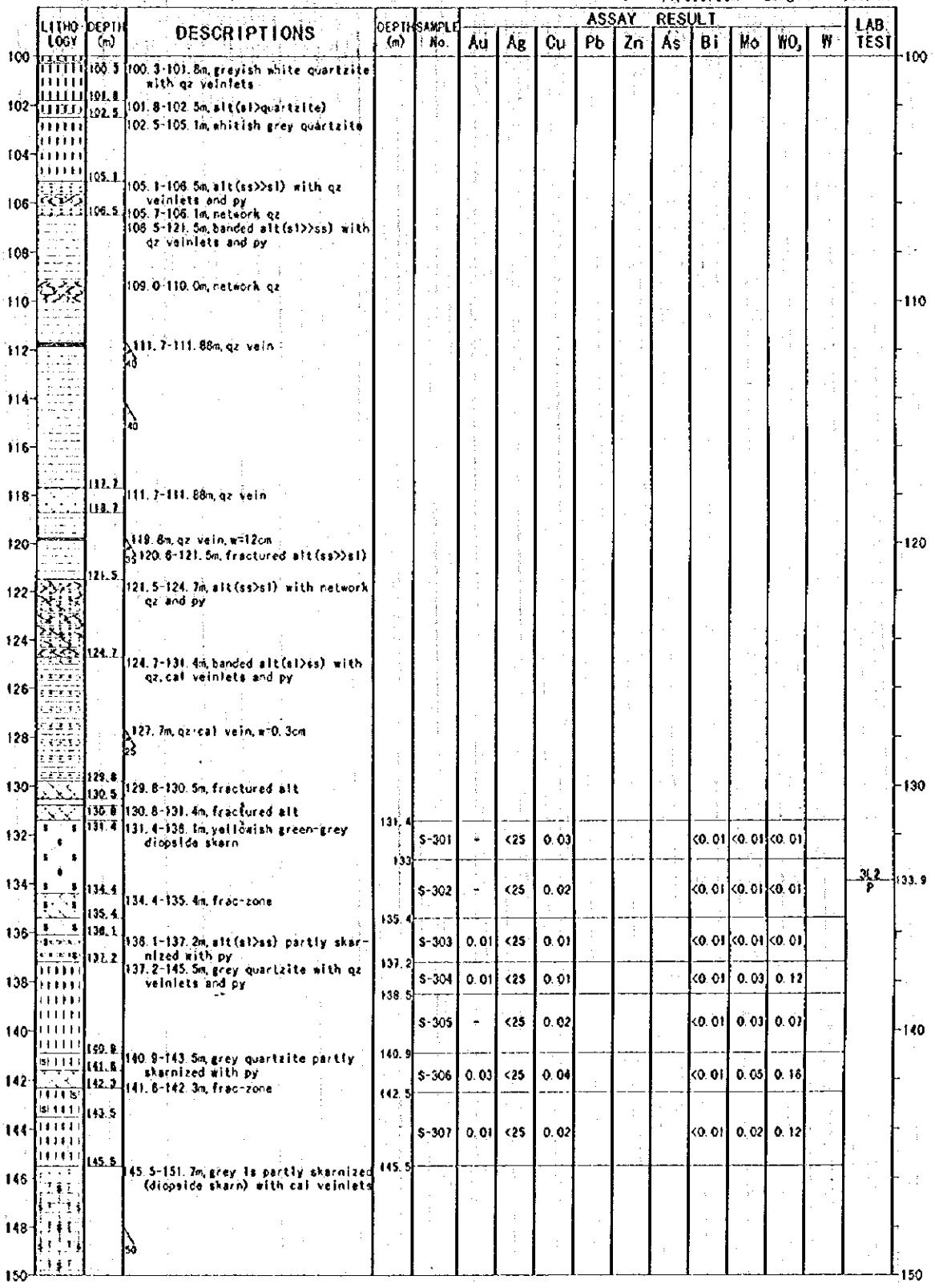
LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
	52.4	52.4-53.0m, frac-zone													
	53.0														
	54.2	54.2-55.4m, frac-zone													
	55.4														
	55.6	55.6-56.7m, grey ss with sl and py													
	56.7	56.7-58.1m, frac-zone													
	58.1	58.1-90.8m, blk sl with banded ss and qz veinlets													
		60.2m, qz vein, w=3.5cm													
	61.3	25													
	62.0	61.3-62.0m, alt(ss>sl)													
		98													
	73.7	73.5-76.5m, abundant network qz													
		73.7-74.6m, alt(ss>sl)													
	74.6	74.4m, qz vein, w=2cm													
		49													
		79.6m, joint with qz(w=0.3cm)													
		20													
	82.6	82.6-83.4m, white grey ch													
	83.4	83.4-90.8m, alt(sl>ss)													
		40													
	89.1	89.1-89.5m, frac-zone													
	89.5														
	90.8	90.8-96.3m, greyish white grey quartzite with sl													
	96.3	96.3-98.5m, alt(sl>>ss)													
		42													
	98.5	98.5-100.3m, alt(greyish white quartzite >sl)													

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



DEPTH (m)	DESCRIPTIONS
100.3	100.3-101.8m, greyish white quartzite with qz veinlets
101.8	
102.5	101.8-102.5m, alt(sl>quartzite)
	102.5-105.1m, whitish grey quartzite
105.1	
	105.1-106.5m, alt(ss>>sl) with qz veinlets and py
106.5	105.7-106.1m, network qz
	106.5-121.5m, banded alt(sl>>ss) with qz veinlets and py
	109.0-110.0m, network qz
	111.7-111.88m, qz vein 40
	40
112.7	
	111.7-111.88m, qz vein
118.7	
	119.8m, qz vein, w=12cm
	53 120.6-121.5m, 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(sl>ss) with qz, cal veinlets and py
	127.7m, qz·cal vein, w=0.3cm 25
129.8	
130.5	129.8-130.5m, fractured alt
130.8	130.8-131.4m, fractured alt
131.4	131.4-138.1m, yellowish green-grey diopside skarn
134.4	134.4-135.4m, frac-zone
135.4	
136.1	136.1-137.2m, alt(sl>ss) partly skarnized with py
137.2	137.2-145.5m, grey quartzite with qz veinlets and py
140.9	140.9-143.5m, grey quartzite partly skarnized with py
141.8	
142.3	141.8-142.3m, frac-zone
143.5	
145.5	145.5-151.7m, grey ls partly skarnized (diopside skarn) with cal veinlets
	50

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
131.4	S-301	-	<25	0.03				<0.01	<0.01	<0.01		
133												3L2 P 133.9
	S-302	-	<25	0.02				<0.01	<0.01	<0.01		
135.4	S-303	0.01	<25	0.01				<0.01	<0.01	<0.01		
137.2	S-304	0.01	<25	0.01				<0.01	0.03	0.12		
138.5	S-305	-	<25	0.02				<0.01	0.03	0.07		
140.9	S-306	0.03	<25	0.04				<0.01	0.05	0.16		
142.5	S-307	0.01	<25	0.02				<0.01	0.02	0.12		
145.5												

GEOLOGIC CORE LOG OF MJUS-3 (4/8)

1/200

MJUS-3 (4/8) 150 m ~ 200 m

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

DEPTH (m)	DESCRIPTIONS
151.0	
152.2	151.6-152.2m, frac-zone with clay
	153.1-153.6m, diopside-skarn(al, wo, ep, rhodo)
	154.2-154.6m, qz vein
	154.6-156.2m, skarnized ls
	156.2-158.4m, frac-zone with clay
	156.4-160.1m, alt(ss>sl) with abundant qz veinlets, py
	35
160.1	160.1-161.1m, green grey diopside skarn
161.1	
161.7	161.1-161.7m, frac-zone with clay
162.1	161.7-162.1m, grey ls
162.2	162.1-162.2m, frac-zone with clay
	162.2-167.3m, grey alt(ss>sl)
	163.9m, qz, w=0.6cm, with clay
	30 164.1-164.3m, ls
167.3	167.3-170.0m, skarnized ls with cal, qz vein
	167.6-168.4m, frac-zone
170.0	170.0-175.8m, grey ls
	171.5-171.6m, frac-zone with clay
	171.8-172.0m, frac-zone with clay
	172.0-175.8m, white crystaline ls
	173.4-174.6m, frac-zone with clay
175.8	175.8-176.8m, grey ls partly skarnized with qz veinlets
176.8	176.8-178.2m, white quartzite
178.2	178.2-178.7m, grey ls partly skarnized
178.7	178.7-182.8m, grey alt(ss>sl) with quartzite and py
	42
	181.2m, joint with cal, w=0.2cm
	20
182.8	182.8-183.5m, grey ls partly skarnized
183.5	183.5-185.0m, grey ls
185.0	185.0-188.1m, quartzite
188.1	188.1-189.5m, grey ls partly skarnized
188.5	188.5-189.5m, frac-zone with clay
189.5	189.5-195.5m, grey ss with py
195.5	195.5-198.8m, grey sandy sl
198.8	198.8m, qz-py vein, w=6cm
	198.8-199.7m, grey ss
199.7	60 199.7-202.2m, grey sandy sl

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
153.1	S-308	0.01	<25	<0.01				<0.01	<0.01	<0.01		
154.6	S-309	-	<25	<0.01				<0.01	<0.01	<0.01		3L9 F
156.2												
160.1	S-3010	-	<25	<0.01				<0.01	<0.01	<0.01		
161.1												
167.3	S-3011	-	<25	<0.01				<0.01	<0.01	<0.01		
168.5	S-3012	-	<25	<0.01				<0.01	<0.01	<0.01		
170												
175.8	S-3013	0.01	<25	<0.01				<0.01	<0.01	<0.01		
176.8												
182.8	S-3014	0.8	<1	<0.01				<0.01	<0.01	0.6		
183.5												

GEOLOGIC CORE LOG OF MJUS-3 (5/8)

1/200

MJUS-3 (5/8) 200 m ~ 250 m

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

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
					ASSAY RESULT										
	202.2	202.2-207.1m, greyish white ls													
		35													
	207.1	207.1-210.0m, grey fn ss with py													
		208.6m, qz vein, w=10cm													
		38													
	210.0	210.0-210.4m, silicified and skarnized metasomatite with ep, py rhodo	210.2	S-3015	1.0	<25	<1				<0.01	<0.01	0.27		
	210.4	210.4-213.3m, greyish white ls													
	213.3	213.3-215.3m, grey ss with banded sl and py													
	215.3														
	215.9	215.3-215.9m, partly skarnized greyish white ls													
		215.9-223.2m, alt(grey ls, white crystalline ls)													
		45													
	223.2														
	223.7	223.2-223.7m, dk grey po with py													
	223.9	223.7-223.9m, alt(sl>ss) with py													
		223.9-225.4m, alt(grey ls-white crystalline ls) partly skarnized													
	225.4														
	226.1	226.1-228.1m, banded alt(ss>sl, ls) with abundant cal, qz and py													
	228.1	228.9-227.5m, brownish white diopside skarn													
		228.0m, cal vein, w=10cm													
	230.0	228.1-230.0m, frac-zone with abundant clay and cal veins													
	230.3	230.0-230.3m, fractured quartzite													
	230.8	230.3-230.8m, frac-zone with cal													
		230.8-241.0m, alt(ss>>quartzite with network qz													
		233.7m, green skarn, w=3cm													
		236.0m, qz-cal vein, w=2cm													
		33													
		51													
	241.0	241.0-242.5m, diopside skarn(ep, rhodo)	241	S-3016	0.1	<25	<0.01				<0.01	<0.01	0.05		
	242.5	242.5-247.0m, partly skarnized quatzite with cal-qz veinlets	242.5												
	247.0	247.0-247.5m, fractured ls with cal veinlets													
	247.5														
	248.0	247.5-248.0m, whitish grey quartzite with rhodo-qz veins													
	248.5	248.0-248.5m, frac-zone													

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

1/200

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

Level 224.39m
X 86,807.00m
Y 71,070.00m

Direction S60°W
Inclination -75°
Length 381.4m

DEPTH (m)	DESCRIPTIONS
	whitish grey quartzite with qz·cal, rhodo vein
256.8	256.8-257.8m, frac-zone 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 (55)
268.2	
269.4	269.4-270.7m, alt(quartzite>sl) with cal·qz network
270.7	270.7-272.8m, quartzite
	271.8m, green skarn, w=4cm
272.8	272.8-273.2m, brownish grey diopside skarn
273.2	273.2-273.9m, alt(sl>quartzite)
273.9	273.9-274.7m, white quartzite
274.7	274.7-277.4m, banded alt(sl>ss, quartzite) with cal·qz veinlets (38)
277.4	277.4-281.6m, alt(ss>quartzite)
	279.5-280.4m, network qz·cal vein
281.6	281.1-281.6m, frac-zone
	281.6-285.3m, banded alt(ss>sl) with py (30)
	281.7m, joint, cal, w=0.2cm
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 calveinlets
289.6	289.6-290.2m, frac-zone with clay
290.2	290.2-291.8m, alt(sl>>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)
295.7	295.7-300.0m, banded alt(ss>sl) partly skarnized (45)
	298.9m, qz vein, w=2cm
300.0	299.2m, qz veins, 60°, w=4cm (35)

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
271.8	S-3017	0.1	<25	<0.01				<0.01	<0.01	0.06		
273.2												
293.4	S-3018	0.06	<25	<0.01				<0.01	<0.01	0.18		
294.5	S-3019	0.06	<25	<0.01				<0.01	<0.01	0.19		3L10 P
295.7	S-3020	0.03	<25	0.01				<0.01	<0.01	0.10		
298	S-3021	0.03	<25	0.01				<0.01	<0.01	0.05		
300												

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

1/200

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

Level 224.39m
X 86,807.00m
Y 71,070.00m

Direction S60°W
Inclination -75°
Length 381.4m

DEPTH (m)	DESCRIPTIONS
301.0	300.0-301.0m, skarnized ls with hed, ep and py
302.3	301.0-302.3m, white quartzite partly skarnized
	302.3-309.1m, silicified alt(ss>sl) partly skarnized
	304.4m, cal vein, w=3-4cm
	304.8m, cal vein, w=3cm
	305.5-305.7m, white Grano-dt
309.1	309.1-309.4m, white Grano-dt
309.4	
310.0	310.0-313.8m, dk grey dt with py
	312.0m, qz-cal vein, w=1-2cm
312.8	313.8-317.0m, white quartzite
	314.8-315.0m, dk grey dt
317.0	317.0-319.8m, silicified grey alt(ss>sl)
319.8	319.8-321.9m, silicified partly skarnized metasomatite with py
320.85	320.85-321.2m, green skarn
321.2	
322.35	
323.2	323.7-324.5m, green skarn
324.5	324.5-324.7m, ls partly skarnized
324.7	324.7-326.0m, green skarn
326.0	326.0-327.8m, qz vein with skarnized (rhodo, hed, ep)metasomatite
327.8	327.8-328.0m, silicified skarnized metasomatite
328.0	328.0-337.4m, dk grey ls partly skarnized
	328.2-328.35m, green skarn
331.0	331.0-331.6m, green skarn
331.6	
332.3	332.1-332.4m, green skarn
332.4	
333.7	333.7-334.05m, green skarn
334.05	
336.0	336.0-337.0m, green skarn
337.0	
337.4	337.4-338.5m, green skarn
338.5	338.5-343.2m, grey Grano-dt porphyry
339.3	339.3-339.6m, frac-zone
339.6	
343.2	343.2-346.2m, grey dt with py and po
346.2	346.2-346.6m, qz vein
346.6	346.6-350.4m, silicified metasomatite partly skarnized
349.3	349.7-349.9m, Grano-dt

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
300	S-3022	1.6	1.2	<0.01				<0.01	<0.01	0.76		
301												
319.8	S-3023	0.06	<25	<0.01				<0.01	<0.01	0.16		
321.2	S-3024	0.8	1.2	0.01				<0.01	<0.01	0.48		
322.35	S-3025	0.4	<1	<0.01				<0.01	<0.01	0.06		
323.7	S-3026	1.6	<1	0.01				<0.01	<0.01	0.42		
324.7	S-3027	2.0	<1	0.01				<0.01	<0.01	0.58		
326	S-3028	0.06	<25	<0.01				<0.01	<0.01	0.16		3L11 F
327.8	S-3029	0.06	<25	<0.01				<0.01	<0.01	0.11		
329.4	S-3030	0.03	<25	<0.01				<0.01	<0.01	0.12		
331	S-3031	0.8	<1	0.02				<0.01	<0.01	0.32		3L6 P
332.4	S-3032	0.1	<25	<0.01				<0.01	0.02	0.33		
334.05	S-3033	0.01	<25	<0.01				<0.01	0.01	0.08		
336	S-3034	0.5	<25	<0.01				<0.01	<0.01	0.8		
337.4	S-3035	0.8	<25	0.02				<0.01	<0.01	1.4		
338.5												
346.2	S-3036	0.01	<25	0.01				<0.01	<0.01	0.16		
348	S-3037	0.01	<25	0.01				<0.01	<0.01	0.05		

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

1/200

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

Level 224.39m
X 86,807.00m
Y 71,070.00m

Direction S60°W
Inclination -75°
Length 381.4m

DEPTH (m)	DESCRIPTIONS
350.4	350.4-359.6m, whitish grey quartzite with py
359.6	359.6-362.8m, greenish grey silicious skarn(ep, hed rhodo) with py, po, cal·qz
362.8	362.8-362.9m, qz vein
363.3	362.9-363.3m, white quartzite
	363.3-369.0m, grey Grano-dt porphyry with py
	367.0m, qz vein, w=3cm
	367.8m, qz vein, w=4cm
369.0	369.0m, qz vein, w=5cm
369.8	369.0-369.3m, green skarn
370.0	369.3-369.6m, dk grey dt
	369.6-370.0m, qz vein with py
	372.5m, joint
	373.5m, qz vein, w=6cm
	376.5m, qz vein, w=3cm
381.4	381.4m, Bottom of the hole

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		ASSAY RESULT										
350.4												
	S-3038	1.2	<1	<0.01				<0.01	0.02	0.06		
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												
	S-3043	1.6	<1	0.05				<0.01	<0.01	2.4		
360.6												
	S-3044	2.0	2.4	0.1				<0.01	<0.01	1.7		3L7/P
361.6												
	S-3045	1.4	2.6	0.08				<0.01	<0.01	2.7		
362.8												
	S-3046	0.08	<25	<0.01				<0.01	<0.01	0.1		
365												
	S-3047	0.06	<25	0.01				<0.01	<0.01	0.09		
367												
	S-3048	0.03	<25	0.01				<0.01	<0.01	0.11		
369												
	S-3049	0.1	<25	0.01				<0.01	<0.01	0.17		
370												
	S-3050	0.05	<25	0.01				<0.01	<0.01	0.06		
372												3L8/T
	S-3051	0.03	<25	0.01				<0.01	<0.01	0.01		
374												
	S-3052	0.03	<25	0.02				<0.01	<0.01	0.04		
376												
	S-3053	0.06	<25	0.01				<0.01	<0.01	0.04		
378												
	S-3054	0.4	<25	0.03				<0.01	<0.01	0.13		
380												
	S-3055	0.4	<25	0.01				<0.01	<0.01	0.08		
381.4												

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

1/200

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

Level 226.06m
X 86,825.28m
Y 70,988.12m

Direction S60°W
Inclination -75°
Length 350.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		0-6.75m, silicified sl with qz veinlets
		45
		5.6m, qz vein, w=3m
	6.75	42
		6.75-15.3m, grey white silicified sl
		10.2m, joint
		25
		12.5-15.3m, chl vein, w=0.1-0.3cm
	14.0	
	14.5	14.0-14.5m, frac-zone
	15.3	15.2-15.6m, frac-zone
		15.3-18.3m, ss with banded py and qz veinlets
		17.8m, qz vein, w=0.3cm
	18.3	25
		18.3-69.8m, dk grey sl with banded sl, qz veinlets and py
		19.0m, qz vein, w=1cm
		20.3m, qz vein, w=4cm
		45
	22.2	
		22.2-23.0m, frac-zone
	23.2	
	24.2	
		24.2-25.9m, frac-zone
	25.9	
	27.3	
		27.3-28.1m, qz-py vein
	28.1	30
		53
	32.3	
		32.3-39.0m, frac-zone
		27.3-28.1m, qz-py vein
	39.0	
	44.9	
	45.4	44.9-45.4m, frac-zone
	45.7	45.4-45.7m, qz-py vein
		50
		49.15-49.3m, qz vein

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
27.3 / 28.1	S-401	tr	<1	0.03				tr	tr	0.12		
												4L1 / 1 (9.2)

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

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		45.7-52.1m, network qz
	52.1	
	52.35	52.1-52.35m, qz vein
		55.1m, joint, 40°, with py and limo
		56.9-58.2m, network qz
		60.4m, joint, 60°, with py
		62.4m, joint, 80°, with py and limo
		67.8m, joint, 60°, with py and limo
	68.25	67.8-68.7m, abundant py
	68.4	68.25-68.4m, py-limo vein
	69.8	69.8-72.5m, grey-white fn ss
	72.5	72.5-74.9m, dk grey-grey alt(sl>ss)
		72.8m, qz vein, 65°, w=0.7cm
	74.9	74.9-81.3m, grey-white, dk grey alt (ss>sl)
	78.3	78.0-78.3m, abundant py
	78.8	78.3-78.8m, qz vein, 25°
		78.8-79.0m, abundant py
		79.5-79.6m, abundant py
	81.3	81.3-88.0m, dk grey sl with banded ss, qz veinlets and py
	83.6	
	84.3	83.6-84.3m, frac-zone
	86.3	
	86.8	86.3-86.8m, qz vein, 65°, with py
		86.8-87.3m, abundant py
	88.0	
	88.6	88.0-88.6m, dk grey ch
		88.6-89.5m, skarn with py and cp
	89.5	
		89.5-126.0m, grey alt(ss>>sl) with py and qz veinlets
	90.6	
		90.6-91.8m, skarn
	91.8	
		91.8-93.1m, frac-zone
	93.1	93.0-93.1m, qz vein
	99.3	99.3-101.5m, frac-zone

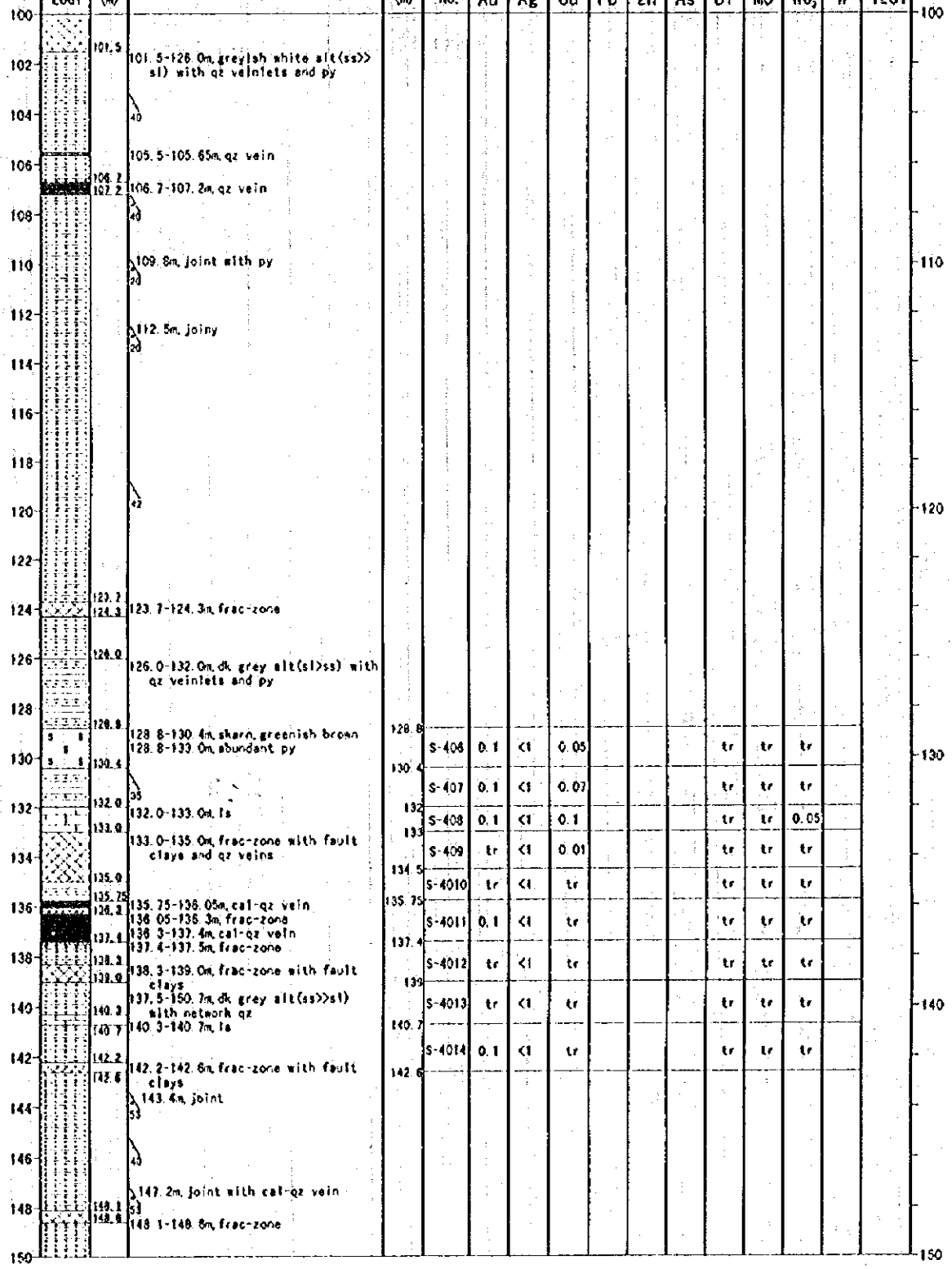
DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		100.3	36.5									
88.6	S-402	0.2	<1	0.07				tr	tr	tr		
89.5	S-403	tr	<1	tr				tr	tr	tr		
90.6	S-404	tr	<1	0.02				tr	tr	tr		
91.8	S-405	tr	<1	tr				tr	tr	tr		
												4L2 P

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 70,986.12m　Length 350.0m



DEPTH (m)	DESCRIPTIONS
101.5	101.5-126.0m, greyish white alt(ss>>sl) with qz veinlets and py
	40
	105.5-105.65m, qz vein
106.7 / 107.2	106.7-107.2m, qz vein
	40
	109.8m, joint with py
	20
	112.5m, joiny
	20
	42
123.7 / 124.3	123.7-124.3m, frac-zone
126.0	126.0-132.0m, dk grey alt(sl>ss) with qz veinlets and py
128.8	128.8-130.4m, skarn, greenish brown
	128.8-133.0m, abundant py
130.4	
	35
132.0	132.0-133.0m, ls
133.0	133.0-135.0m, frac-zone with fault clays and qz veins
135.0	
135.75	135.75-136.05m, cal-qz vein
136.2	136.05-136.3m, frac-zone
137.4	136.3-137.4m, cal-qz vein
	137.4-137.5m, frac-zone
138.3	138.3-139.0m, frac-zone with fault clays
139.0	
140.3	137.5-150.7m, dk grey alt(ss>>sl) with network qz
140.7	140.3-140.7m, ls
142.2	142.2-142.6m, frac-zone with fault clays
142.6	
	143.4m, joint
	53
	40
	147.2m, joint with cal-qz vein
149.1	53
149.6	148.1-148.6m, frac-zone

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
128.8	S-406	0.1	<1	0.05				tr	tr	tr		
130.4	S-407	0.1	<1	0.07				tr	tr	tr		
132	S-408	0.1	<1	0.1				tr	tr	0.05		
133	S-409	tr	<1	0.01				tr	tr	tr		
134.5	S-4010	tr	<1	tr				tr	tr	tr		
135.75	S-4011	0.1	<1	tr				tr	tr	tr		
137.4	S-4012	tr	<1	tr				tr	tr	tr		
139	S-4013	tr	<1	tr				tr	tr	tr		
140.7	S-4014	0.1	<1	tr				tr	tr	tr		
142.6												

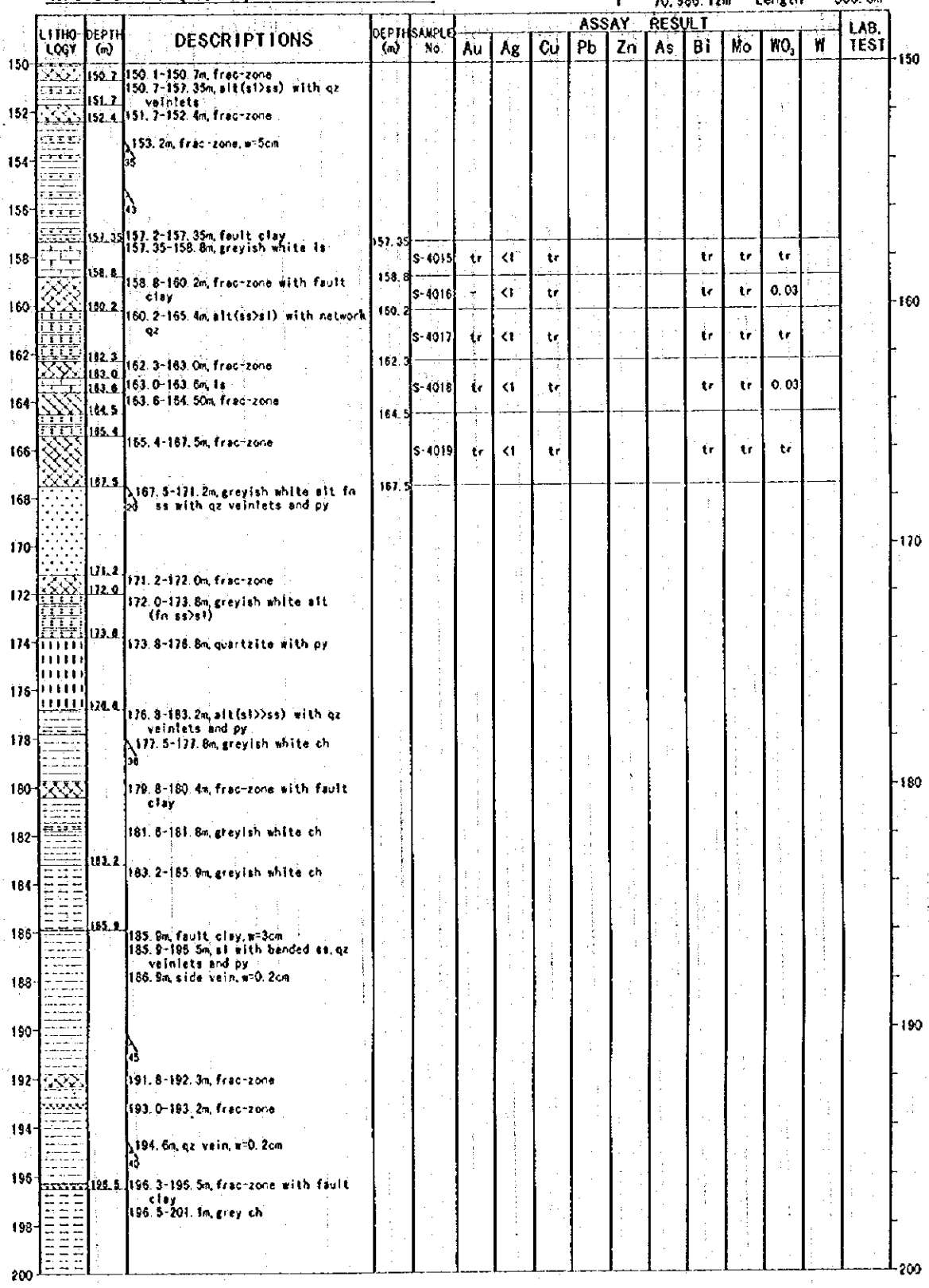
GEOLOGIC CORE LOG OF MJUS-4 (4/7)

1/200

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

Level 226.06m
X 86,825.28m
Y 70,986.12m

Direction S60°W
Inclination -75°
Length 350.0m



DEPTH (m)	DESCRIPTIONS
150.7	150.1-150.7m, frac-zone
151.7	150.7-157.35m, alt(sl>ss) with qz veinlets
152.4	151.7-152.4m, frac-zone
	153.2m, frac-zone, w=5cm
	157.2-157.35m, fault clay
157.35	157.35-158.8m, greyish white ls
158.8	158.8-160.2m, frac-zone with fault clay
160.2	160.2-165.4m, alt(ss>sl) with network qz
162.3	162.3-163.0m, frac-zone
163.0	163.0-163.6m, ls
163.6	163.6-164.50m, frac-zone
164.5	
165.4	165.4-167.5m, frac-zone
167.5	167.5-171.2m, greyish white alt fn ss with qz veinlets and py
171.2	171.2-172.0m, frac-zone
172.0	172.0-173.8m, greyish white alt (fn ss>sl)
173.8	173.8-176.8m, quartzite with py
176.8	176.8-183.2m, alt(sl>>ss) with qz veinlets and py
	177.5-177.8m, greyish white ch
	179.8-180.4m, frac-zone with fault clay
	181.6-181.8m, greyish white ch
183.2	183.2-185.9m, greyish white ch
185.9	185.9m, fault clay, w=3cm
	185.9-195.5m, sl with banded ss, qz veinlets and py
	186.9m, side vein, w=0.2cm
	191.8-192.3m, frac-zone
	193.0-193.2m, frac-zone
	194.6m, qz vein, w=0.2cm
195.5	196.3-195.5m, frac-zone with fault clay
	196.5-201.1m, grey ch

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
157.35	S-4015	tr	<1	tr				tr	tr	tr		
158.8	S-4016	-	<1	tr				tr	tr	0.03		
160.2	S-4017	tr	<1	tr				tr	tr	tr		
162.3	S-4018	tr	<1	tr				tr	tr	0.03		
164.5	S-4019	tr	<1	tr				tr	tr	tr		
167.5												

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

1/200

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

Level 226.06m
X 86,825.28m
Y 70,986.12m

Direction S60°W
Inclination -75°
Length 350.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	201.1	201.1-202.3m, frac-zone with fault clay
	202.3	202.3-215.3m, greyish white ls
		203.0-203.3m, frac-zone with fault clay
		60
	206.9	206.9-208.5m, frac-zone with fault clay
	208.5	
	210.3	210.3-210.6m, grey ch
	210.6	210.6-215.3m, ls weakly skarnized
	215.3	215.3-218.0m, greyish white ch
	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
		222.2-222.8m, frac-zone
		42
	229.3	229.3-239.2m, alt(ss>sl) with qz veinlets
		45
	239.2	239.2-242.1m, alt(sl>ss)
	242.1	242.1-249.2m, alt(ss>sl) with qz veinlets
		45
		242.2m, cal vein, w=0.3cm
		45
	249.2	249.2-249.7m, ss
	249.7	249.7-257.4m, alt(ss>sl)

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
202.3												
	S-4020	tr	<1	0.01				tr	tr	0.01		
204												
	S-4021	tr	<1	tr				tr	tr	tr		
205.5												
	S-4022	tr	<1	tr				tr	tr	tr		
206.9												
	S-4023	tr	<1	0.01				tr	tr	tr		
208.5												
	S-4024	0.1	<1	tr				tr	tr	tr		
210.3												
	S-4025	tr	<1	tr				tr	tr	tr		
212												
	S-4026	tr	<1	tr				tr	tr	0.01		
213.5												
	S-4027	tr	<1	tr				tr	tr	tr		4L3 P
215.3												

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

1/200

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

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

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
	253.3	253.3-254.1m, grey ch													
	254.1	254.1-257.4m, alt(ss>sl)													
		254.5m, qz vein, w=0.5cm													
	257.4	257.4-269.6m, alt(sl>ss) with qz veinlets													
		258.6-258.85m, ch with qz veinlets													
		267.3-267.4m, rhodo vein, w=0.3cm													
	269.0	269.0-370.3m, frac-zone													
		269.6-301.7m, greyish white quartzite													
		270.7-271.8m, frac-zone													
		274.4-275.7m, frac-zone													
	277.5														
	278.0	277.5-278.0m, greenish grey diabase													
	278.3	278.3-279.8m, greenish grey diabase													4L5 T
	279.8														
	280.2	280.2-281.4m, greenish grey diabase													
	281.4														
		285.9m, joint													
	291.3	291.3-291.7m, frac-zone													4L6 P
	291.7														
		294.8m, joint													
		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 226.00m
X 88,825.28m
Y 70,986.12m

Direction S60°W
Inclination -75°
Length 350.0m

DEPTH (m)	DESCRIPTIONS
301.2	300.4m, joint with py
	301.7-303.9m, frac-zone with fault clay, qz and abundant py
303.9	303.9-305.3m, dk grey py>qz vein
305.3	305.3-305.7m, frac-zone with fault clay
306.1	305.7-309.3m, silicified, weakly skarnized metasomatite with py
309.3	306.1-310.2m, frac-zone
310.2	309.3-315.8m, green skarn with qz, cal veinlets
315.8	315.8-318.2m, grey quartzite with py
	316.3-316.7m, frac-zone
	317.0-318.2m, frac-zone
318.2	318.2-337.0m, whitish grey Grano-dt with qz veins and py
	318.3m, qz vein, w=0.7cm
	321.8m, qz vein, w=5cm
	322.4m, qz vein, w=2.5cm
	324.1-324.4m, frac-zone
	324.6m, qz vein, w=3cm
	326.3m, qz vein with py and mo, w=2cm
	329.3-329.7m, qz vein with py, mo
	330.8m, qz vein with py, mo, w=10cm
332.6	332.6-333.5m, alt(ss>st)
333.5	
334.6	334.2m, qz vein, w=10cm
	334.6-337.0m, frac-zone with abundant qz and py
337.0	337.0-377.0m, Grano-dt with few qz veinlets and py
	341.9-342.2m, frac-zone with clay
	347.3-348.7m, frac-zone with clay and py
	349.7-362.1m, irregular fractures with abundant py
	350.0m, Bottom of the hole

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
301.7	S-4028	0.1	2.4	0.02				tr	tr	0.01		
303.9	S-4029	tr	<1	0.02				tr	tr	0.12		4L7 P
305.3	S-4030	0.1	<1	0.05				tr	tr	0.12		
306.1	S-4031	tr	<1	0.04				tr	tr	0.03		
309.3	S-4032	0.2	<1	0.02				tr	tr	1.34		
310.2	S-4033	1.8	<1	0.04				tr	tr	1.1		
311	S-4034	0.5	<1	0.02				tr	tr	0.58		4L8 P
312	S-4035	0.5	<1	0.07				tr	tr	0.6		4L9 X
313	S-4036	0.4	<1	0.06				tr	tr	0.84		
314	S-4037	0.4	<1	0.08				tr	tr	0.81		
315	S-4038	0.4	<1	0.12				tr	tr	0.66		
315.8	S-4039	0.1	<1	0.04				tr	tr	tr		
318.2												
334.6	S-4040	tr	<1	0.02				tr	tr	tr		
336	S-4041	tr	<1	0.01				tr	tr	tr		
337												

LABTEST: 4L7 P 304.3; 4L8 P 311.7; 4L9 X 312.5; 4L10 S 326.3; 4L11 T 341.5

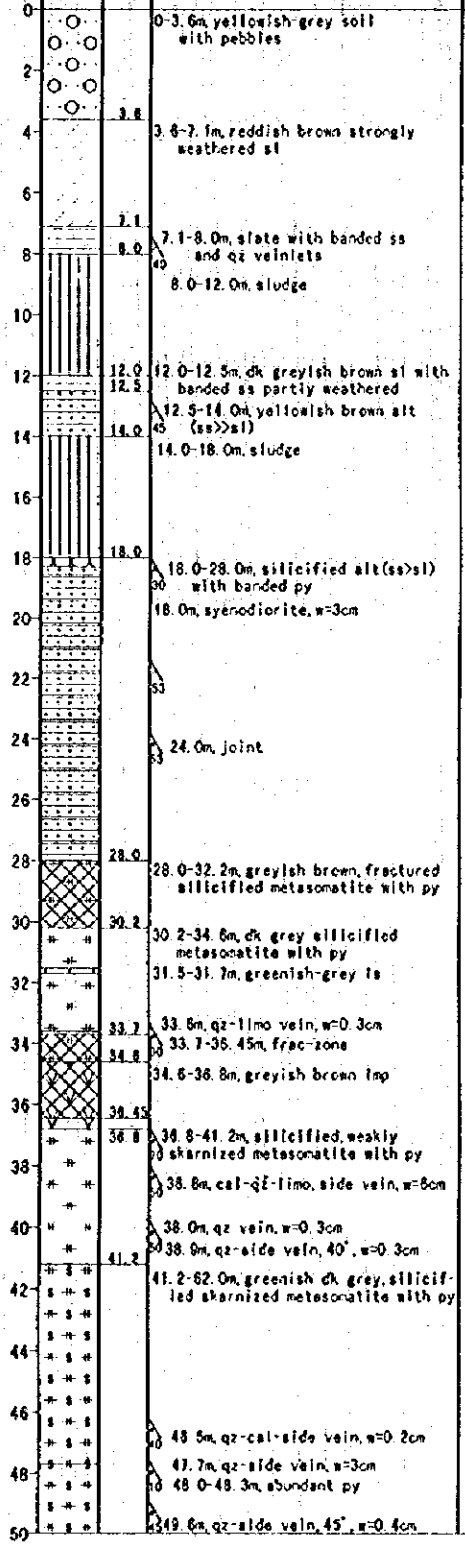
GEOLOGIC CORE LOG OF MJUB-1 (1/3)

1/200

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

Level 237.96 m
X 68,639.74m
Y 92,184.10m

Direction S16°W
Inclination -75°
Length 150.0m



DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	NO_3	W	LAB. TEST
7	B-1G3	-	<1.0	150	30	60	30	-	6		-	
8												
18	B-101	tr	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
19	B-102	tr	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
20	B-103	tr	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
21	B-104	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
22	B-105	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
23	B-106	tr	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
24	B-107	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
25	B-108	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
26	B-109	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
27	B-1010	tr	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
28	B-1011	tr	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
29	B-1012	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
30	B-1013	tr	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
31	B-1014	tr	1.2	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
32	B-1015	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
33	B-1016	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
34												
35	B-1G1	10	<1.0	60	30	70	50	-	5		-	T 1L2 36.3
36	B-1017	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		1L3 37.2
38	B-1018	tr	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		1PX/1BI 37.5
39	B-1019	tr	1.6	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
40	B-1020	tr	1.2	<0.01	0.01	0.23	<0.01	<0.01	<0.01	<0.01		
41.2	B-1021	tr	1.2	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
42	B-1022	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
43	B-1023	tr	<1	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		
44	B-1024	tr	<1	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		1B2 44.4
45	B-1025	0.1	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
46	B-1026	tr	<1	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
47	B-1027	tr	<1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
48	B-1028	tr	<1	0.04	<0.01	<0.01	0.20	<0.01	<0.01	<0.01		
49	B-1029	tr	<1	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
50												

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

1/200

MJUB－1 (2／3) 50 m ～ 100 m

Level 237.96 m
X 68,639.74m
Y 92,184.10m

Direction S16°W
Inclination -75°
Length 150.0m

DEPTH (m)	DESCRIPTIONS
52.7	52.7m, qz vein, w=0.3cm
53.9	53.9-54.25m, py vein
55.0	55.0-55.7m, frac-zone
58.4	58.4-59.0m, frac-zone
60.0	60.0-61.0m, frac-zone
62.0	62.0-61.0m, silicified sl with banded ss and py
64.2	64.2m, cal vein, w=0.6-1cm
65.4	65.0m, syenodiorite, w=7cm
65.9	65.9-79.4m, greenish grey, silicified skarnized metasomatite
66.0	
67.0	66.0-67.0m, py vein
68.0	68.0-69.0m, py vein
69.0	69.0-69.6m, abundant py
74.0	74.0m, cal vein, w=1cm
74.2	74.2-74.5m, py vein
78.1	78.1m, cal vein, w=0.3cm
79.4	79.4-80.3m, biotite hornfels(ss)
80.3	
83.4	83.4-87.9m, skarn with py, cp
84.2	84.2-84.8m, py vein
84.8	
87.9	87.9-88.3m, silicified skarnized metasomatite
88.3	
88.9	88.3-89.3m, silicified sl
89.3	89.0-89.3m, silicified skarnized metasomatite
	89.3-91.5m, frac-zone
91.5	91.5-95.3m, skarn
95.3	95.75-95.9m, syenodiorite
	95.3-100.3m, dk grey lmp

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
	B-1030	tr	<1	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	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	B-1034	tr	1.2	0.1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
54.25	B-1035	tr	1.2	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
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		1L5 F
57	B-1038	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
58	B-1039	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
59	B-1040	tr	<1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		1B3
60	B-1041	tr	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
61	B-1042	tr	<1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
62	B-1043	-	1.2	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
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	0.02	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
65	B-1046	tr	<1	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
66.8	B-1047	tr	<1	0.08	<0.01	<0.01	0.08	<0.01	<0.01	<0.01		
67	B-1048	tr	<1	0.04	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
68	B-1049	0.1	<1	0.15	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		1L6 P
69	B-1050	tr	1.2	0.05	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
69.6	B-1051	tr	<1	0.04	<0.01	0.04	<0.01	<0.01	<0.01	<0.01		
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	0.07	<0.01	<0.01	<0.01		
73	B-1054	0.1	<1	0.03	<0.01	<0.01	0.08	<0.01	<0.01	<0.01		
74	B-1055	tr	<1	0.03	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
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		1B4
78	B-1059	tr	1.2	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
79.4	B-1060	tr	<1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01		
80.3	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		1L7 F
83	B-1064	tr	1.6	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
83.4	B-1065	0.8	<1	0.14	<0.01	<0.01	0.24	<0.01	<0.01	<0.01		1L8 X
84.2	B-1066	0.3	2.4	0.17	<0.01	<0.01	0.58	<0.01	<0.01	<0.01		1L9 1B5
84.8	B-1067	0.8	<1	0.09	<0.01	<0.01	0.2	<0.01	<0.01	<0.01		
86	B-1068	4.6	<1	0.06	<0.01	<0.01	0.02	0.02	<0.01	<0.01		1L10 PX
87	B-1069	1.0	<1	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		1L11 F
88	B-1070	tr	1.2	0.08	<0.01	<0.01	0.03	<0.01	<0.01	<0.01		
89	B-1071	0.1	<1	0.05	<0.01	<0.01	0.05	<0.01	<0.01	<0.01		
90	B-1072	tr	1.2	0.05	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		
91	B-1073	tr	1.2	0.22	0.04	<0.01	0.04	<0.01	<0.01	0.4		
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	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		
97	*B-1C2*	*50*	*<1.0*	*80*	*20*	*70*	*70*	-	*6*		-	1L12 F
98												

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

1/200

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

Level 237.96 m
X 68,639.74m
Y 92,184.10m

Direction S16°W
Inclination -75°
Length 150.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	100.3 / 100.8	100.3-100.8m, skarn
		100.8-130.4m, pinkish grey syenodiorite
		100.2m, joint
		112.0m, joint
	115.5 / 116.1	115.5-116.1m, frac-zone
	117.0 / 117.6 / 118.0	117.0m, joint with py
		117.6-118.0m, frac-zone
		118.2m, joint
		119.5m, joint
		122.4-123.8m, qz vein with py, w=1cm
		125.0m, joint
		128.0m, joint
	130.4 / 131.35	130.4-131.35m, greenish grey syenodiorite
		133.8m, joint
		137.5m, joint
		143.9m, joint with qz, w=0.2cm
		148.3m, joint
		150.0m, Bottom of the hole

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
107 / 108	B-1G3	10	1.6	30	40	50	70	-	6		-	1L13 T
117 / 118	B-1G4	50	<1.0	40	150	60	50	<6	5		<10	
127 / 128	B-1G5	-	<1.0	30	20	50	50	-	6		-	1L14 F
137 / 138	B-1G6	-	<1.0	30	20	60	40	-	5		-	1L15 TK
147 / 148	B-1G7	-	<1.0	40	30	60	30	-	6		-	1B6

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

1/200

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

Level 236.49 m
X 68,672.64m
Y 92,190.62m

Direction S16°W
Inclination -75°
Length 200.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		0-2.0m, brown soil with pebbles
	2.0	2.0-9.0m, strongly weathered limy ss
	8.0	50
		9.0-10.9m, weathered greenish brown, limy ss
	10.9	10.9-15.0m, greenish brown limy ss with cal-qz veinlets
	13.0	13.0-15.0m, frac-zone with fault clay
	15.0	15.0-18.9m, skarnized ls with cal, ep, rhodo veinlets
	18.9	18.9-20.1m, frac-zone
	20.1	18.9-19.0m, fault clay 19.0-21.2m, alt (ss>sl)
	21.2	20.9-21.2m, frac-zone 21.2-50.3m, silicified metasomatite with py, weakly skarnized
		23.7m, cal vein, w=0.3cm 15
		27.5m, cal vein, w=0.3-0.4cm 10
		29.3-29.6m, frac-zone
		34.5m, qz vein, w=5cm 40
		38.1m, cal-side vein, 80°, w=0.3cm 10
		40.8-42.8m, cal-hema veinlets
		44.1m, cal-hema vein, w=2cm
		45.5-46.8m, frac-zone
	47.1	47.1-49.0m, lmp, dip30°
	49.0	50

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
11	B2G1	-	<0.5	50	<3	<50	30	-	<6		-	281
12												
15	B-201	-	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	211 X
16	B-202	0.01	<1	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
17	B-203	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		282
18	B-204	-	<1	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
18.9												
20.2	B2G1	10	1.5	200	10	70	60	-	30		<10	
21.2	B-205	-	<1	0.04	<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		
23	B-207	-	<1	0.02	<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		
25	B-209	-	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
26	B-2010	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
27	B-2011	-	<1	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
28	B-2012	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
29	B-2013	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
30	B-2014	-	<1	0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		
31	B-2015	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		212
32	B-2016	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
33	B-2017	-	<1	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		
34	B-2018	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
35	B-2019	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		213 283
36	B-2020	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
37	B-2021	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
38	B-2022	-	<1	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		
39	B-2023	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
40	B-2024	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
41	B-2025	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
42	B-2026	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
43	B-2027	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
44	B-2028	-	<1	0.09	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
45	B-2029	-	<1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
46	B-2030	-	<1	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
47.1	B2G1	30	0.8	50	15	60	100	-	10		-	214
48	B-2031	-	<1	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
49												
50	B-2032	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		

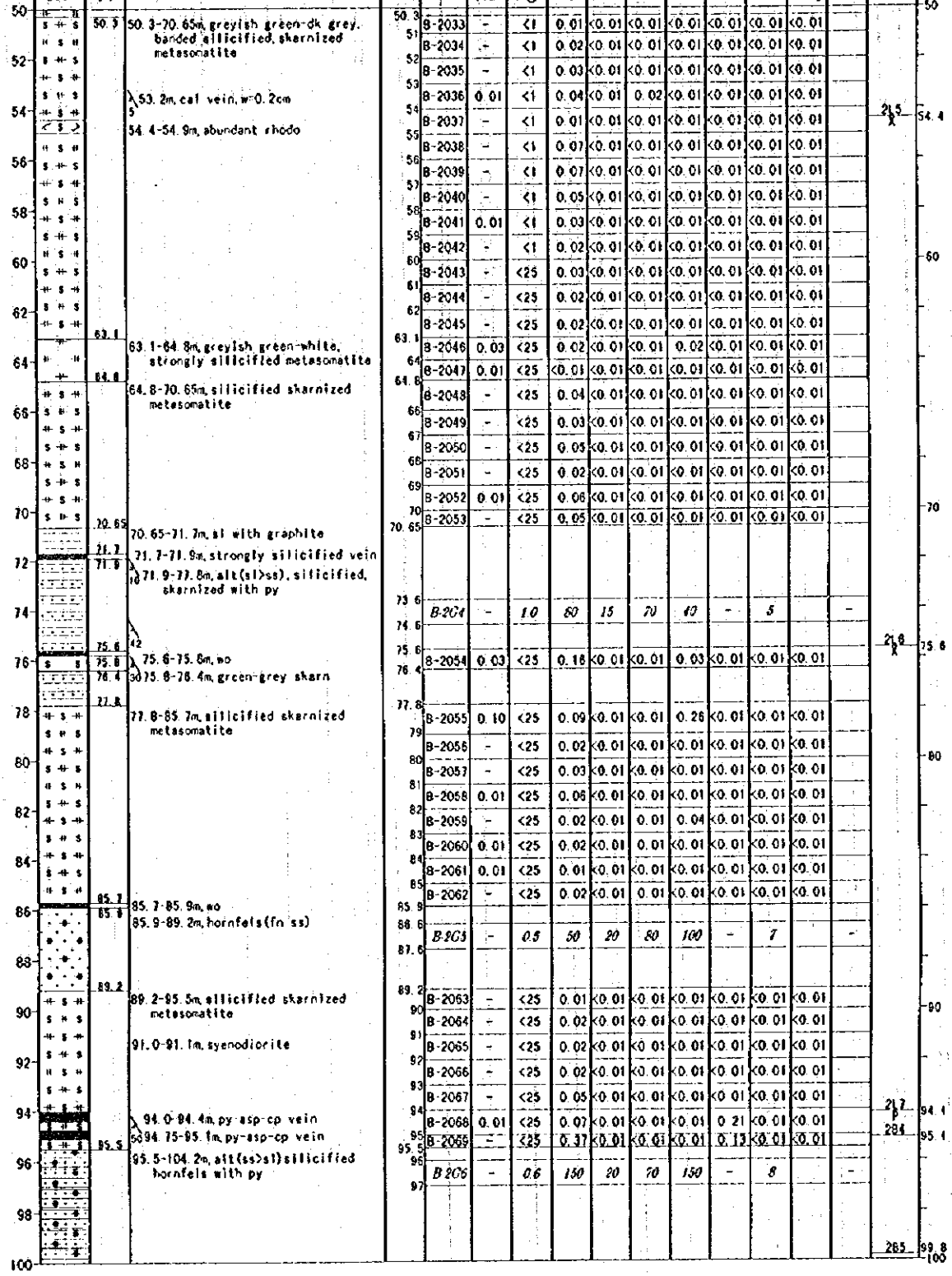
GEOLOGIC CORE LOG OF MJUB-2 (2/4)

1/200

Level 236.49 m
X 68,672.64m
Y 92,190.62m

Direction S16°W
Inclination -75°
Length 200.0m

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



DEPTH (m)	DESCRIPTIONS
50.3	50.3-70.65m, greyish green-dk grey, banded silicified, skarnized metasomatite
	53.2m, cal vein, w=0.2cm
	54.4-54.9m, abundant rhodo
63.1	63.1-64.8m, greyish green-white, strongly silicified metasomatite
64.8	64.8-70.65m, silicified skarnized metasomatite
70.65	70.65-71.7m, sl with graphite
71.7	71.7-71.9m, strongly silicified vein
71.9	71.9-77.8m, alt(sl>ss), silicified, skarnized with py
75.6	
75.8	75.6-75.8m, wo
76.4	75.8-76.4m, green-grey skarn
77.8	77.8-85.7m, silicified skarnized metasomatite
85.7	85.7-85.9m, wo
85.9	85.9-89.2m, hornfels(fn ss)
89.2	89.2-95.5m, silicified skarnized metasomatite
	91.0-91.1m, syenodiorite
	94.0-94.4m, py-asp-cp vein
	94.75-95.1m, py-asp-cp vein
95.5	95.5-104.2m, alt(ss>sl)silicified hornfels with py

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
50.3	B-2033	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
51	B-2034	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
52	B-2035	-	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
53	B-2036	0.01	<1	0.04	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
54	B-2037	-	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		215 54.4
55	B-2038	-	<1	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
56	B-2039	-	<1	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
57	B-2040	-	<1	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
58	B-2041	0.01	<1	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
59	B-2042	-	<1	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
60	B-2043	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
61	B-2044	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
62	B-2045	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
63.1	B-2046	0.03	<25	0.02	<0.01	<0.01	0.02	<0.01	<0.01	<0.01		
64	B-2047	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
64.8	B-2048	-	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
66	B-2049	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
67	B-2050	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
68	B-2051	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
69	B-2052	0.01	<25	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
70	B-2053	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
70.65												
73.6	B-2C4	-	1.0	80	15	70	40	-	5		-	
74.6												
75.6												216 75.6
76.4	B-2054	0.03	<25	0.16	<0.01	<0.01	0.03	<0.01	<0.01	<0.01		
77.8	B-2055	0.10	<25	0.09	<0.01	<0.01	0.26	<0.01	<0.01	<0.01		
79	B-2056	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
80	B-2057	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
81	B-2058	0.01	<25	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
82	B-2059	-	<25	0.02	<0.01	0.01	0.04	<0.01	<0.01	<0.01		
83	B-2060	0.01	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
84	B-2061	0.01	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
85	B-2062	-	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
85.9												
86.6	B-2C5	-	0.5	50	20	80	100	-	7		-	
87.6												
89.2	B-2063	-	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
90	B-2064	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
91	B-2065	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
92	B-2066	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
93	B-2067	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
94	B-2068	0.01	<25	0.07	<0.01	<0.01	<0.01	0.21	<0.01	<0.01		217 94.1
95	B-2069	-	<25	0.37	<0.01	<0.01	<0.01	0.13	<0.01	<0.01		284 95.1
95.5												
96	B-2C6	-	0.6	150	20	70	150	-	8		-	
97												
												285 99.8

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

1/200

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

Level 236.49 m
X 63,672.64m
Y 92,190.62m

Direction S16°W
Inclination -75°
Length 200.0m

DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
				ASSAY RESULT										
103.2	103.2-104, 1m, yellowish green skarn with ep and py	103.2	B-2070	0.06	<25	0.18	<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													
	105.0m, qz-cal vein, w=6cm	106	B-2G7	-	0.1	100	30	150	150	-	10		-	
106.9	106.9-112.7m, silicified skarnized metasomatite with banded structure	106.9	B-2071	-	<25	0.03	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
		108	B-2072	0.01	<25	0.02	<0.01	0.02	0.02	<0.01	<0.01	<0.01		286
		109	B-2073	0.01	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
		110	B-2074	0.01	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
		111	B-2075	0.03	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.02		
		112	B-2076	-	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.03		
113.5	113.5-159.7m, syenodiorite, crs grain	113	B-2077	0.03	<25	0.01	<0.01	0.55	<0.01	<0.01	<0.01	0.01		
		113.5												
	115.8-116.1m, 2 qz veins with py and asp, w=1-2cm	115	B-2G8	400	1	30	50	50	1,000	-	6		<10	219
		117												
		126	B-2G9	10	0.5	40	40	60	200	-	8		-	
	128.7m, joint	127												
		135	B-2G10	-	0.5	50	50	50	80	-	10		<10	
		137												
	138.0m, fissure, w=0.7cm													
	141.0m, joint with py													
		146	B-2G11	-	0.5	20	60	70	150	-	5		-	
		147												
	148.0-148.5m, frac-zone													

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

1/200

MJUB-2 (4/4) 150 m ~ 200 m

Level 236.49 m
X 68,672.64m
Y 92,190.62m

Direction S16°W
Inclination -75°
Length 200.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
		syenodiorite(crs. grain)
		154.8m, joint with qz vein, w=0.5cm
	159.2	159.7-161.9m, silicified lmp with qz and cal veinlets
	161.9	161.0m, qz cal vein, w=0.4cm
		161.9-200.0m, syenodiorite, crs grain
		162.8m, joint
		165.0m, joint
	166.3	166.3-167.6m, silicified and chloritized granite with py
	167.6	
	181.0	181.0-182.0m, frac-zone
	182.0	
		186.9m, qz vein, w=4cm
		200.0m, Bottom of the hole

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
160–161	B-2G12	50	0.5	40	30	50	30	-	<5		-	2L11 160.2
170–171	B-2G13	-	<0.5	30	40	60	60	-	7		-	
180–181	B-2G14	-	<0.5	30	40	70	40	-	5		-	
												2L13 186.9
												2B7 189.5
190–191	B-2G15	-	<0.5	30	40	50	40	-	7		<10	
199–200	B-2G16	-	<0.5	30	40	70	200	-	7		-	

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

1/200

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

Level 231.77 m
X 69,374.22m
Y 92,879.70m

Direction S16°W
Inclination -75°
Length 143.5m

DEPTH (m)	DESCRIPTIONS
0	0-3.0m, brownish grey soil with pebbles
3.0	3.0-5.0m, strong weathered lmp
5.0	5.0-13.0m
13.0	13.0-15.0m, weathered green-grey lmp
15.0	15.0-20.5m, weathered very fn ss with banded sl and py
20.5	20.5-24.1m, dk grey very fn ss with banded sl and py
	21.3m, joint with qz, w=0.2cm
	21.3-21.4m, strong banded py
	21.7-21.85m, grey ls
24.1	24.1-25.7m, weakly silicified and skarnized very fn ss with banded sl and py
25.7	25.7-28.3m, white-grey micro lmp
	26.0-26.8m, frac-zone
28.3	28.3-32.0m, silicified and skarnized metasomatite with py
	28.9m, joint with qz, cal, and py vein w=0.5cm
32.0	32.0-38.2m, weakly silicified and skarnized very fn ss with banded sl with py
	36.1-36.3m, frac-zone with qz, cal, rhodo and py
38.2	38.2-40.1m, silicified and skarnized metasomatite with ep and rhodo
40.1	40.1-41.9m, dk grey hornfels(ss) with py
41.9	41.9-43.4m, silicified and skarnized metasomatite with cal veinlets
43.4	43.4-47.8m, dk greenish grey hornfels (ss) with py
47.8	47.8m, qz vein, w=7cm
	47.8-54.8m, weakly skarnized banded slt of ss and sl with qz, cal veinlets and py

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
14	B-3G1	10	0.7	50	40	<50	50	-	5		-	
24	B-3G2	-	0.5	80	10	70	30	-	6		-	381
28.3	B-301	-	<25	0.02	<0.01	0.02	<0.01	<0.01	<0.01	0.01		
29	B-302	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
30	B-303	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
31	B-304	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
34	B-3G3	5	0.6	60	20	70	40	-	5		-	
38.2	B-305	-	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.01		
39	B-306	-	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
40	B-307	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
41	B-308	0.01	<25	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
42	B-309	-	<25	<0.01	<0.01	0.02	0.01	<0.01	<0.01	0.01		
45	B-3G4	-	0.6	60	8	70	40	-	6		-	382
49.6	B-3010	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		383

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

1/200

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

Level 231.77 m
X 68,374.22m
Y 92,879.70m

Direction S16°W
Inclination -75°
Length 143.5m

DEPTH (m)	DESCRIPTIONS
54.8	54.8-57.2m, dk grey fn ss with py
57.2	57.2-58.95m, weakly skarnized banded alt of ss and sl with ep, rhodo and py
58.95	58.95-59.15m, skarn(ep)
	59.15-64.2m, grey ls with cal veinlets
	60.8-61.6m, skarn(ep, wo and rhdo)
	62.7-62.95m, wo
	63.2-63.4m, wo
64.2	64.2-66.3m, sl with banded ss with py
	65.2-65.7m, skarn(ep, wo and rhdo)
66.3	66.3-66.5m, skarn(ep, wo)
66.5	66.5-68.9m, ls with skarn
	67.8-68.0m, hornfels(ss)
68.9	68.9-69.8m, alt(ss>sl)
69.8	69.8-75.2m, silicified, partly skarnized metasomatite with py
75.2	75.2-77.6m, grey ls with cal veinlets
77.6	77.6-78.8m, fractured sl with qz, cal vein
78.8	78.8-85.2m, greenish dk grey ls partly skarnized
	81.4-81.9m, py vein
85.2	84.8m, wo, w=4cm
85.4	85.2-85.4m, pinkish white syenodiorite
87.1	85.4-87.1m, grey quartzite
87.9	87.1-87.9m, white grey ls
88.5	87.9-88.5m, dk grey fn ss with py
89.4	88.5-89.4m, grey quartzite
89.7	89.4-89.7m, syenodiorite(crs grain)
90.8	89.7-90.8m, grey quartzite
91.8	91.6m, qz vein w=10cm
	90.80-91.80m, silicified and skarnized metasomatite with py
	91.8m, qz vein w=4cm
	91.8-97.6m, grey ls with skarn(wo, rhodo)
	95.9-96.4m, wo
97.6	97.6-98.0m, frac-zone, ls
98.0	98.0-143.5m, syenodiorite
	98.8-99.0m, qz vein with py
	99.0-99.6m, frac-zone with qz

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		100.3	38.5									
55	B303	5	0.8	60	20	80	50	-	6		<10	
58.9	B-3011	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
60	B-3012	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
61	B-3013	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
62	B-3014	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
63	B-3015	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		3B4
64	B-3016	-	<25	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	0.01		
65	B-3017	-	<25	0.08	<0.01	<0.01	0.02	<0.01	<0.01	0.02		
66	B-3018	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
67	B-3019	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
68	B-3020	0.03	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
69	B-3021	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
69.8	B-3022	0.01	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
71	B-3023	0.01	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.01		3L4 X
72	B-3024	-	<25	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
73	B-3025	0.01	<25	0.06	<0.01	<0.01	<0.01	<0.01	0.01	0.03		
74	B-3026	-	<25	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	0.01		
75.2	B-3027	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
76	B-3028	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
77	B-3029	0.03	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
78	B-3030	0.03	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
79	B-3031	0.03	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
80	B-3032	0.4	<1	tr	tr	tr	tr	tr	tr	0.02		
81.4	B-3033	0.4	<1	tr	tr	tr	tr	tr	tr	0.02		3B5 3L5 P
82	B-3034	2.2	45.8	0.12	tr	tr	tr	tr	tr	0.02		
83	B-3035	2.4	26.4	0.06	tr	tr	tr	tr	tr	0.02		
84	B-3036	0.1	<1	tr	tr	tr	tr	tr	tr	0.09		
85.2	B-3037	tr	<1	0.02	tr	tr	tr	tr	tr	0.01		
86	B-3038	tr	<1	0.02	tr	tr	tr	tr	tr	0.02		
87	B-3039	tr	<1	0.01	tr	tr	tr	tr	tr	0.01		
88	B-3040	tr	<1	0.01	tr	tr	tr	tr	tr	0.02		
89	B-3041	tr	<1	tr	tr	tr	tr	tr	tr	0.02		
90	B-3042	tr	<1	tr	tr	tr	tr	tr	tr	0.02		
90.8	B-3043	-	<1	0.02	tr	tr	tr	tr	tr	0.02		3L6 P
91.8	B-3044	-	<1	tr	tr	tr	tr	tr	tr	0.01		
93	B-3045	-	<1	tr	tr	tr	tr	tr	tr	0.01		
94	B-3046	-	<1	tr	tr	tr	tr	tr	tr	0.01		
95	B-3047	-	<1	tr	tr	tr	tr	tr	tr	0.01		3B6
96	B-3048	tr	<1	tr	tr	tr	tr	tr	tr	0.01		3L7 X
97	B-3049	-	<1	tr	tr	tr	tr	tr	tr	0.01		

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

1/200

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

Level 231.77 m
X 68,374.22m
Y 92,879.70m

Direction S16°W
Inclination -75°
Length 143.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	105.3	105.3m, joint with py
	106.3	106.3m, joint with chl
	109.8 / 110.2	109.8-110.2m, frac-zone
	123.0 / 124.0	123.0-124.0m, frac-zone
	143.5	143.5m, Bottom of the hole

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
101 / 101	B-3G6	5	<0.5	30	30	50	30	-	6		<10	
												3.8 / 102.1
111 / 112	B-3G7	<5	<0.5	30	30	60	20	-	5		-	
120 / 121	B-3G8	10	<0.5	20	40	60	40	-	6		<10	
130 / 131	B-3G9	-	<0.5	20	100	70	30	-	5		-	38.7 / 102.1
140 / 141	B-3G10	-	<0.5	30	40	<50	20	-	5		<10	

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

1/200

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

Level 241.50 m
X 68,442.38m
Y 92,679.28m

Direction S30°W
Inclination -75°
Length 130.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	0	0-6.7m, sludge
	6.7	6.7-8.0m, fractured blk very fn ss
	8.0	8.0-9.6m, silicified blk very fn ss
	9.6	9.6-12.9m, silicified blk very fn ss with abundant qz veins and veinlets
		9.8m, qz vein, w=12cm
		10.0m, qz vein, w=10cm
		12.4m, qz vein, w=10cm
	12.9	12.9-13.8m, weakly silicified and skarnized ss with banded ss and py
	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	
	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
		22.3-24.3m, grey ls with cal, qz veinlets
	24.3	24.3-26.4m, blk fn ss with qz and limo veinlets
	26.4	26.4-33.2m, silicified weakly skarnized metasomatite
		27.7m, joint with limo
	33.2	33.2-34.3m, weakly silicified and skarnized ss with banded sl
	34.3	34.3-37.0m, silicified weakly skarnized metasomatite
		36.2m, ep skarn, w=10cm
	37.0	37.0-44.0m, weakly silicified and skarnized alt (ss>sl)
		39.8m, qz vein, w=5cm
		41.85-42.0m, greenish white ls with skarn
		42.90m, green skarn
	44.3	44.3-47.3m, silicified weakly skarnized metasomatite
	47.3	48.0-50.0m, silicified weakly skarnized metasomatite
	48.0	47.3-48.0m, silicified weakly skarnized ss with py
		48.4-48.52m, rhodo

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
9.6	B-401	-	<1	0.02	tr	tr	tr	tr	tr	0.01		4L1 T
11	B-402	tr	<1	0.02	tr	tr	tr	tr	tr	0.01		
12.9												
17	B4G1	20	0.7	60	5	70	50	-	5		<10	
18												
22.3	B-403	-	<1	tr	tr	tr	tr	tr	tr	0.01		
24.3	B4G2	<5	0.5	50	8	80	20	-	5		<10	
25.3												
26.4	B-404	-	<1	0.01	tr	tr	tr	tr	tr	0.02		
29	B-405	tr	<1	0.01	tr	tr	tr	tr	tr	tr		
31	B-406	-	<1	tr	tr	tr	tr	tr	tr	tr		
33.2	B-407	-	<1	0.01	tr	tr	tr	tr	tr	tr		
35	B-408	-	<1	tr	tr	tr	tr	tr	tr	0.01		
37												
39	B4G3	10	<0.5	70	6	70	30	-	5		-	
44.3	B-409	-	<1	tr	tr	tr	tr	tr	tr	0.01		PX 4L3 483
46	B-4010	-	<1	tr	tr	tr	tr	tr	tr	0.01		
49	B-4011	-	<1	tr	tr	tr	tr	tr	tr	0.01		
50												

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

1/200

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

Level 241.50 m
X 68,442.38m
Y 92,679.28m

Direction S30°W
Inclination -75°
Length 130.0m

DEPTH (m)	DESCRIPTIONS
50.0	50.0-50.7m, silicified hornfels(ss)
50.7	50.7-52.3m, silicified and weakly skarnized metasomatite
52.3	52.3-72.5m, weakly silicified ss with few py
	54.7m, qz vein, w=0.2cm
	61.0-61.2m, frac-zone
69.8	69.8-70.5m, frac-zone
70.5	71.5m, fault clay, w=10cm
72.5	72.5-72.6m, grey ls
72.6	72.6-75.1m, cal, (qz), rhodo vein with py, wo
75.1	75.1-75.5m, str. silicified metasomatite with qz, rhodo veins and py
75.5	75.5-78.9m, silicified, skarnized metasomatite with py
78.9	78.9-79.9m, silicified, weakly skarnized lmp with py
79.9	79.9-80.2m, syenodiorite with qz, py vein
80.2	80.2-80.9m, skarn with py, ep, rhodo, tremolite(?)
80.9	80.9-88.3m, weakly skarnized lmp with py
	82.3m, joint with qz, w=0.3cm
	83.3m, qz vein, w=0.2cm
88.3	88.3-130.0m, pinksih grey crs syenodiorite
	89.3m, qz vein 65°, w=0.3cm
	90.8m, joint
93.3	93.3-93.6m, greenish grey altered syenodiorite
93.6	93.6m, qz vein, w=2cm
	95.4m, joint
	97.6m, joint with py

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
50	B-4012	-	<1	tr	tr	tr	tr	tr	tr	0.01		
52.3												
53.5	B-4014	6	0.5	70	20	100	30	-	6		-	
54.5												
64	B-4015	10	0.5	60	30	80	30	-	6		-	484
65												
72.5	B-4013	-	<1	tr	tr	tr	tr	tr	tr	tr		
74	B-4014	tr	<1	tr	tr	tr	tr	tr	tr	0.01		
75.1	B-4015	tr	0.02	tr	tr	tr	tr	tr	tr	0.01		
77	B-4016	tr	0.03	tr	tr	tr	tr	tr	tr	tr		
78.9	B-4017	tr	0.04	tr	tr	tr	tr	tr	tr	0.01		4L4 PX
80.9												
82	B-4016	6	<0.5	80	30	50	100	-	7		-	
83												
												4L5 485
88	B-4017	-	<0.5	30	20	<50	80	-	7		<10	
89												
93.5	B-4018	-	<0.5	30	40	<50	30	-	5		-	4L6
99.5												

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

1/200

MJUB-4 (3/3) 100 m ~ 130 m

Level 241.50 m
X 68,442.38m
Y 92,679.28m

Direction S30°W
Inclination -75°
Length 130.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
					ASSAY RESULT										
	107.0	107.0-108.0m, greenish grey altered syenodiorite with py													
	108.0														
		108.8m, joint with chl	109	B4G9	-	<0.5	30	30	<50	30	-	6		<10	
			110												
		112.8m, joint													
		117.9m, joint													
		118.5-119.1m, frac-zone	119.3	B4G10	10	<0.5	40	40	<50	20	-	5		-	
			120.3												
		120.3m, joint													
		127.9-128.7m, frac-zone													
		128.9m, joint	129	B4G11	-	<0.5	20	30	<50	40	-	6		<10	
	130.0	130.0m, Bottom of the hole	130												

100.3 36.5

486 103.8

416 107.8

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

1/200

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

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

DEPTH (m)	DESCRIPTIONS
	0-2.9m, fractured grey dol
2.9	2.9-7.0m, grey brecciated dol with cal veinlets
7.0	7.0-8.5m, fine grained grano-dt with dol xenolith and drusey qz and cal
8.5	8.5-9.6m, grey brecciated dol with cal veinlets
9.6	9.6-13.8m, grey dol partly brecciated with cal veinlets
	10.3m, cal vein, w=0.1cm
	11.8m, cal vein, w=1cm
13.8	13.8-20.8m, dk grey ls with cal
	18.6m, cal vein, w=2cm
	19.4-19.8m, grey dl with qz veinlets
20.0	20.0-25.0m, pinkish grey, weathred grano-dt
25.0	25.0-26.1m, frac-zone of dol with cla
26.1	26.1-30.0m, dk grey sl with banded ss, cal-limo veinlets and py
30.0	30.0-30.5m, dk grey ls
30.5	30.5-32.6m, greenish grey lmp
32.6	32.6-34.5m, dk grey sl with banded ss
34.5	34.5-36.4m, grey lmp with cal, limo veinlets
36.4	36.4-37.5m, dk grey sl
37.5	37.2m, cal, qz vein, w=1.5cm
38.1	37.5-38.1m, grey ls
	38.1-39.1m, dk grey sl with py
39.6	39.1-39.6m, frac-zone with py
40.4	39.6-40.4m, grey ls partly skarnized (ep) with py
41.8	40.4-41.8m, blk sl with qz-side veinlets and py
42.2	41.8-42.2m, frac-zone with lmp abundant py
43.4	42.2-43.4m, lmp
44.3	43.4-45.2m, blk sl with py
44.7	44.3-44.7m, frac-zone with clay
45.2	45.2-58.2m, blk sl with banded ss, partly skarnized(ep, rhodo) with ep veinlets and abundant py
	45.5-47.2m, frac-zone with clay

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
3	B-5G1		2	100	15	150	40	-	3		-	
6	B-5G2	-	1	200	15	200	40	-	<5		-	581
7	B-501	-	<25	0.07	0.01	0.03	0.01	0.01	0.01	0.01		
8.5	B-502	-	<25	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
10	B-5G2		2	80	10	80	30	-	<5		-	
11	B-503	-	<25	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
12.5	B-504	0.03	<25	0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01		
13.8	B-505	-	<25	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01		
15.5	B-506	-	<25	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
17	B-5G3		1	50	6	<50	30	-	<5		-	
18	B-507	-	<25	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
20	B-5G3-2	-	1	60	8	100	40	-	20		-	
21	B-5G4		0.5	70	10	80	40	-	7		-	
24												
26.1	B-508	-	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
28												
29	B-5G5		<0.5	70	10	70	40	-	8		<10	
30												
33	B-5G2-3	-	<0.5	80	15	80	30	-	5		-	
34												
35	B-5G6		<0.5	50	10	70	50	-	15		-	581 582
36												
39.1	B-5G4	<5	<0.5	20	8	60	30	-	<5		-	
40.4	B-5G7		<0.5	60	20	80	40	-	6		<10	
41.4												
44.7												
45.5	B-509	-	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
48	B-5010	0.01	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
49	B-5G9		<0.5	50	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 (2/3)

1/200

MJUB-5 (2/3) 50 m ~ 100 m

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

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	57.3	55.2-55.4m, net work cal
	57.8	55.6m, ep-cal vein, w=0.3cm
	58.2	56.8-58.1m, network ca-qz
	60.0	57.3-57.9m, frac-zone with ca-qz veins
	60.9	58.2-70.6m, banded slt(sl>ss)
	64.2	60.0-60.2, 60.5-60.9m, grey lmp
	65.0	61.4m, cal-qz, rhodo vein, w=3cm
	65.4	63.9m, cal-qz, w=3cm
	66.0	64.2-65.0m, frac-zone with skarn, limo and py
	70.6	65.3-65.4m, ls
	71.6	65.4-66.0m, frac-zone with cal-qz, limo
	72.0	69.1-70.6m, network qz, cal with py, limo
	74.0	70.6-71.6m, grey ls with dol and cal veinlets
	74.6	71.6-72.0m, dk grey dol
	83.0	74.0-74.6m, dk grey dol
	85.6	80.7-80.8m, cal vein, w=10cm
	98.8	83.0-83.4m, dak grey dol
	100.0	89.8-89.9m, cal vein, 10°
		90.6m, cal vein, w=3cm
		93.4m, cal vein, w=0.2-0.5cm
		95.4-95.7m, dk grey dol
		98.6-100.0m, frac-zone

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
51												
	B-5014	-	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
53												
54	B5G9		0.6	50	20	70	30	-	<5		-	
	B-5015	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
55.5												
	B-5016	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
57												
	B-5017	0.03	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
59												
60	B5G10		<0.5	60	30	80	30	-	<5		-	
64.2												
	B-5011	0.01	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
66												
67	B5G11		<0.5	60	20	60	30	-	<5		-	
72												
73	B5G12		<0.5	60	10	70	30	-	<5		-	
79												
80	B5G13		<0.5	20	5	60	30	-	<5		-	
81	B-5018	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
85												
87	B5G14		<0.5	60	7	50	30	-	<5		-	
91												
95	B5G15		<0.5	20	5	60	30	-	<5		-	

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

DEPTH (m)	DESCRIPTIONS
103.8	103.8-104.2m, dk grey dol
104.2	104.1-106.4m, network cal·qz
106.4	106.4-114.2m, grey dt
	108.0-109.8m, network cal
114.2	114.2-134.0m, grey ls with cal veinlets
116.0	115.9m, cal vein, w=2cm
	116.0-117.2m, frac-zone (70)
117.2	
	118.0m, cal vein, w=0.5cm (43)
120.2	120.1-122.0m, frac-zone
122.0	
	124.0m, cal vein, w=0.3cm (43)
128.8	128.5-130.8m, frac-zone
130.8	
	132.7-134.0m, network cal
134.0	134.0m, Bottom of the hole

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
101												583
102	B-5G16		<0.5	40	6	50	30	-	<7		-	
102												584, 51.3
100	B-5G17		<0.5	30	20	60	30	-	8		-	51.4 PX
	B-5012	-	<25	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
109.8												
113												
114.2	B-5G18		0.6	20	10	60	40	-	8		-	
114.8												
	B-5019	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
116												
120	B-5G19		<0.5	50	6	60	30	-	<5		-	
121												
127	B-5G20		<0.5	20	70	60	30	-	5		-	
128												
133	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
X 69,124.28m
Y 92,291.05m

Direction S20°W
Inclination -80°
Length 153.0m

DEPTH (m)	DESCRIPTIONS
0	0-9.5m, sand with pebble-cobble
9.5	9.5-11.8m, qz vein with abundant limo(float)
11.8	11.8-15.0m, dk grey sl with banded ss
15.0	15.0-18.0m, fractured sl
18.0	18.0-19.0m, blk sl with qz veinlets and py
19.0	19.0-21.0m, silicified, skarnized metasomatite
21.0	21.0-21.7m, sl with ss band
21.7	21.7-21.85m, diopside skarn with cal and py
21.85	21.85-39.3m, alt(sl>ss) weakly partly skarnized(ep, rhodo) with py
	21.9-22.9m, frac-zone
	24.8m, joint with ep, py
	30.8m, joint with py
	34.8m, joint with ep, limo
39.3	39.3-41.7m, skarnized(ep, rhodo) alt(sl>ss)with cal, qz veins and py
	39.9m, qz vein, w=6cm with py
41.7	41.3m, cal vein, w=5cm
	41.7-45.6m, alt(sl>ss), partly, weakly skarnized with py
	44.8m, qz vein, w=3cm
45.6	45.6-49.6m, silicified, skarnized metasomatite with py and qz veinlets
	47.0m, qz vein, w=7cm, with py
49.6	49.6-60.1m, alt(sl>ss) with py

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
9.5	B-601	-	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
11.8–13	B-6G1	10	1.5	200	80	150	40	-	40		-	
19.0	B-602	0.03	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
21.0–23	B-6G2	-	0.5	80	30	150	40	-	10		-	
31–32	B-6G2	-	<0.5	70	20	100	40	-	6		-	
35.4												6B1
37–38	B-6G2	-	<0.5	70	20	60	40	-	5		-	
39.3	B-603	0.03	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
43.5–44.5	B-6G3	-	<0.5	70	20	80	40	-	6		-	
44.8												6L2 F
45.6	B-604	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
47.6												X 6L3 6S5 6B2
48.0	B-605	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		

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
	80.0	60.0-64.8m, brownish grey weakly silicified skarnized metasomatite with py
	64.8	64.3m, qz vein, w=7cm, with py
		64.8-75.0m, dk grey partly weakly skarnized banded alt(sl>ss)
	75.0	75.0-77.4m, grey-dk grey weakly skarnized hornfels(sl>ss) with py
	77.4	77.4-79.5m, grey po with py
	79.5	79.5-115.7m, dk grey alt(sl>ss) with py weakly partly skarnized
		85.8m, qz vein, w=8cm
		86.9m, qz vein, w=1cm
		92.0m, qz vein, w=4cm, with py
		95.6-95.9m, qz vein with horse stone and py
	92.0	96.4m, cal vein, w=0.3-0.7cm
	97.5	97.0-97.5m, fractured alt(sl>ss)
		97.5-97.6m, qz, cal vein
		98.0-98.2m, qz, cal vein

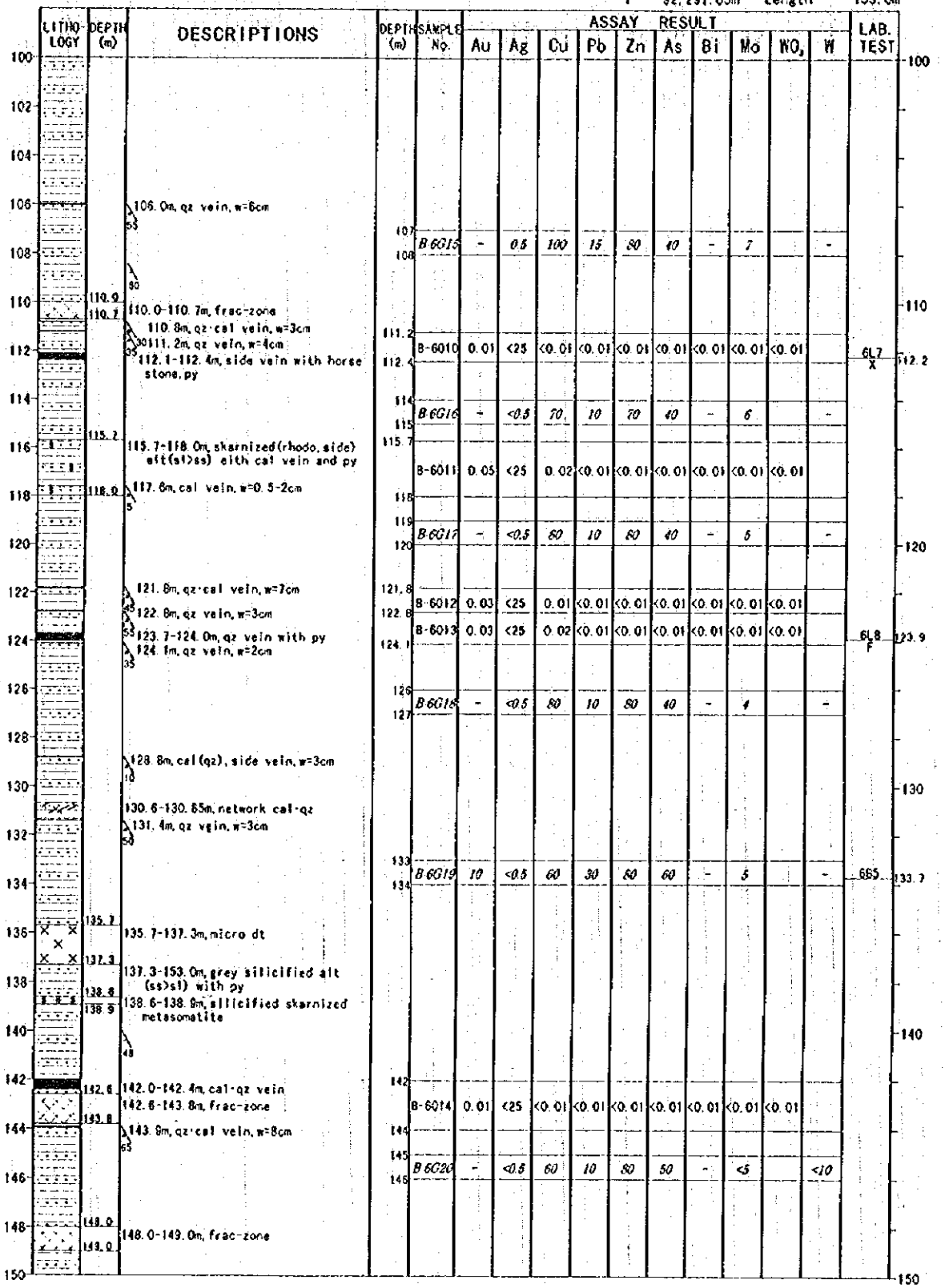
DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
50	B6G6	-	<0.5	100	15	80	40	-	15		-	
58	B6G7	-	<0.5	70	20	70	30	-	6		<10	
60	B-606	0.03	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
62.5	B-607	0.01	<25	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		6L4 P
64.8												64.3
66	B6G8	-	<0.5	80	15	80	30	-	5		<10	
73	B6G9	-	<0.5	80	15	80	40	-	10		-	
76	B6G10	-	0.5	100	8	80	40	-	5		-	
78	B6G11	-	<0.5	50	15	70	30	-	<5		-	683 79.5
												6L5 T 79.6
												684 82.7
85	B6G12	-	0.5	80	20	100	40	-	7		-	
93	B-6G13	-	0.5	100	15	80	30	-	6		-	
95.6	B-608	0.05	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		
95.9	B-609	0.03	<25	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01		6L6 F 97.5
98.2												
99	B6G14	-	0.5	80	10	70	40	-	8		-	

GEOLOGIC CORE LOG OF MJUB-6 (3/4)

1/200

MJUB-6 (3/4) 100 m ~ 150 m

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



DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
		ASSAY RESULT										
107–108	B6G15	-	0.5	100	15	80	40	-	7		-	
111.2–112.4	B-6010	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		6L7 X
114–115	B6G16	-	<0.5	70	10	70	40	-	6		-	
115.7–118	B-6011	0.05	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
119–120	B6G17	-	<0.5	60	10	80	40	-	5		-	
121.8–122.8	B-6012	0.03	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
123.7–124.1	B-6013	0.03	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		6L8 F
126–127	B6G18	-	<0.5	80	10	80	40	-	4		-	
133–134	B6G19	10	<0.5	60	30	80	60	-	5		-	6B5
142–144	B-6014	0.01	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
145–146	B6G20	-	<0.5	60	10	80	50	-	<5		<10	

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

1/200

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

Level 207.15m
X 69,124.28m
Y 92,291.05m

Direction S20°W
Inclination -80°
Length 153.0m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS	DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
	151.1	150.3m, qz·cal vein, w=0.2cm													
	151.9	151.1-151.9m, frac-zone													
	153.0	153.0m, Bottom of the hole													

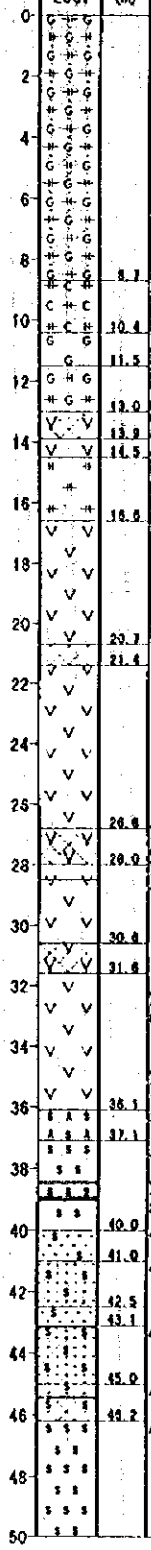
Appendix 2. Result of Laboratory Works

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 Inclination -80°
Y 92,180.76m Length 100.5m



DEPTH (m)	DESCRIPTIONS
	0-8.7m, reddish brown-chocolate brown gossan of silicified rock with qz strongly weathred and fractured
8.7	
	8.7-10.4m, yellowish white reddish brown silicified rock with chalcedony, drusy qz and limo
10.4	
	10.4-11.5m, chocolate brown massive limo with cp, skarn(hed) and gyp vein
11.5	
	11.5-13.0m, silicified rock with limo veins, cp and qz
13.0	
13.9	13.0-13.9m, frac-zone
14.5	13.0-14.5m, greenish grey-reddish brown Imp with gyp-limo veins
	14.5-16.6m, reddish brown-brown silicified rock with limo and gyp
16.6	
	16.6-36.1m, greenish grey, weakly skarnized Imp with gyp-limo vein
20.7	
21.4	20.7-21.4m, frac-zone
26.6	25.7m, gyp vein, w=0.3cm
	26.8-28.0m, frac-zone
28.0	27.9m, gyp vein, w=1cm
	28.5m, gyp vein, w=2cm
30.6	
31.6	30.6-31.6m, frac-zone with abundant limo
	32.2m, limo-gyp vein, 10°, w=2cm
	34.8m, joint with limo
36.1	
37.1	36.1-37.1m, pinkish brown-green migmatite of syenodiorite and skarn
	37.1-40.0m, green skarn with disseminated py, asp and veins
	38.4-38.5m, limo, py and asp vein
	38.9-39.05m, limo, py and asp vein
40.0	
	40.0-43.1m, skarnized ss with abundant py and asp
41.0	
	41.0-42.5m, frac-zone of skarnized fn ss
42.5	
43.1	
	43.1-45.0m, fractured skarnized fn ss with clay and sulphide vein
45.0	
	45.0-48.2m, fractured skarn and sulphide vein
48.2	
	48.2-53.4m, green skarn(ep, hed) with py and asp

ASSAY RESULT

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
	B-701	3.6	1.6	0.07	<0.01	<0.01	<0.01	0.01	<0.01	0.03		
	B-702	1.0	<1	0.03	<0.01	<0.01	0.04	0.01	<0.01	<0.01		
	B-703	14.6	<1	0.06	<0.01	<0.01	0.03	0.01	<0.01	<0.01		
	B-704	0.6	1.6	0.05	<0.01	<0.01	0.02	0.01	<0.01	<0.01		
8.7	B-705	4.0	1.2	0.09	<0.01	<0.01	0.04	0.01	<0.01	<0.01		781
9.6	B-706	2.0	1.6	0.01	<0.01	<0.01	0.03	0.01	<0.01	<0.01		7L1
10.4	B-707	0.4	<25	0.10	<0.01	0.01	0.06	0.01	<0.01	<0.01		PF
11.5	B-708	0.4	<25	0.01	<0.01	0.01	0.01	0.01	<0.01	<0.01		
13	B-709	0.5	<25	0.06	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
14.5	B-7010	0.4	<25	0.05	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
15.6	B-7011	5.6	2.8	0.08	<0.01	0.04	<0.01	0.01	<0.01	<0.01		
16.6	B-7035	0.01	<25	0.02	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
18	*B-7G1*	-	*<0.5*	*100*	*7*	*60*	*40*	-	*5*		*<10*	
19	B-7036	0.01	<25	0.02	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
20	B-7037	0.03	<25	0.04	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
21	B-7038	0.1	<25	0.07	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
22	B-7039	0.5	<1	0.2	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
23	*B-7G2*	-	*0.6*	*500*	*7*	*60*	*60*	-	*5*		-	
24	B-7040	0.01	<25	0.12	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		782
25	B-7041	0.01	<25	0.15	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
26	B-7042	0.8	<1	0.1	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
27	B-7043	0.08	<25	0.08	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
28	*B-7G3*	-	*0.7*	*1,000*	*6*	*60*	*60*	-	*<5*		-	
29	B-7044	0.1	<25	0.06	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		
30	B-7045	0.03	<25	0.05	<0.01	0.01	<0.01	0.01	0.01	<0.01		
31	B-7046	0.03	<25	0.04	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
32	B-7047	0.5	<25	0.02	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
33	*B-7G4*	-	*0.5*	*200*	*8*	*70*	*70*	-	*6*		*<10*	
34	B-7048	0.06	<25	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01		7L2
35	B-7049	0.05	<25	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01		1
36.1	B-7012	0.8	1.6	0.03	<0.01	0.01	0.01	0.01	<0.01	<0.01		
37.1	B-7013	40.0	6.6	0.09	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
38.8	B-7014	3.8	1.6	0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
40.0	B-7015	2.2	1.6	0.09	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
41	B-7016	77.8	8.8	0.12	<0.01	0.01	0.56	0.01	<0.01	<0.01		
43.1	B-7017	5.4	2.2	0.08	<0.01	0.01	0.06	0.01	<0.01	<0.01		
45	B-7018	0.8	<1	0.02	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
46.2	B-7019	65.3	15.6	0.14	<0.01	0.01	0.05	0.01	<0.01	<0.01		
47	B-7020	12.0	6.4	0.08	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
48	B-7021	1.6	1.2	0.07	<0.01	0.01	<0.01	0.01	<0.01	<0.01		
49	B-7022	4.4	2.4	0.06	<0.01	0.01	<0.01	0.01	<0.01	<0.01		783
50												

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

1/200

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

Level 240.08m
X 68,619.89m
Y 92,180.76m

Direction S16°W
Inclination -80°
Length 100.5m

LITHOLOGY	DEPTH (m)	DESCRIPTIONS
	52.1	52.1-52.7m, fractured skarn
	52.7	
	53.4	53.0-53.9m, frac-zone
	53.9	53.4-54.2m, skarnized fn ss
	54.2	54.2-55.3m, greenish grey fmp weakly skarnized
	55.3	55.3-67.7m, silicified and weakly skarnized metasomatite with rhodo and py
		56.2m, rhodo vein, w=5cm
		60.0m, qz vein, w=2cm
	66.4	66.6-66.8m, grey dt
	66.8	
	67.7	67.7-74.8m, grey dt with qz, rhodo, ep veinlets
	71.0	71.0-71.6m, frac-zone
	71.6	
	74.8	74.8-76.5m, silicified skarnized metasomatite with rhodo, py
	76.5	76.5-100.5m, pinkish grey syenodiorite
		83.7m, joint
		89.4m, joint
	93.8	93.8-94.9m, frac-zone
	94.9	
		100.5m Bottom of the hole

DEPTH (m)	SAMPLE No.	Au	Ag	Cu	Pb	Zn	As	Bi	Mo	WO_3	W	LAB. TEST
50	B-7023	2.4	2.6	0.07	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		7L3 PX
51	B-7024											
52.1	B-7025	0.8	<1	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
54.2	B-7026	0.2	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
55.3	B-7027	0.2	<25	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
57	B-7028	0.1	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
59	B-7029	0.2	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		7B4 59.4, 7L4 F 60.0
61	B-7030	0.5	<25	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
63	B-7031	0.3	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
65	B-7032	0.2	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		7L5 P 66.5
66.5												
68	B-7C5	-	<0.5	80	15	60	50	-	6		<10	7L6 I 68.2
69	B-7050	0.1	<25	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		
71	B-7051	0.03	<25	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01		7B5 71.8
73	B-7C8	-	<0.5	80	20	60	100	-	7		-	
74.8	B-7034	0.1	<25	<0.01	<0.01	<0.01	0.01	0.01	<0.01	<0.01		
76.5	B-7C6	-	<0.5	30	30	60	80	-	6		-	
85	B-7C9	-	<0.5	50	50	60	40	-	6		<10	
92	B-7C7	-	0.5	70	50	60	40	-	5		<10	
98	B-7C10	-	<0.5	30	30	60	70	-	6		-	

Appendix 2-1 List of Laboratory Works

Items	Quantity					Total
	Geological survey		Drilling survey		Geophysical survey	
	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, WO_3)	30	–	–	301	–	331
2) (Au, Ag, As, Cu, Pb, Zn)	–	512	–	–	–	512
3) (Au, Ag, Cu, Bi, Mo, WO_3)	–	–	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	Spn	Ap	Cal	Tur	Ms	Zrn	Rt	Hem	Opq	Chl	Act	Ms	Bt	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	MJUS-1 191.0m	Skarnized phyllite	○	△						•							•	△		•				△	△	
12	S-1L7	MJUS-1 327.0m	Syenodiorite	○	○	△	○	○			•				•			•	△	△		•			△	•	secondary biotite in hornblende
13	S-2L1	MJUS-2 67.5m	Dolerite	△	○			•		•	•							•	•	△	○		•		△	•	komatiitic texture
14	S-2L8	MJUS-2 330.0m	Granodiorite	○	○	△				△	•							•							○	△	
15	S-2L10	MJUS-2 384.0m	Diorite	○	○	•	○	△		•	•							•	•	△					•		
16	S-2L14	MJUS-2 423.0m	Granodiorite	○	○	○	•			•	•				•			•	△			•			•	•	chloritized biotite pseudomorph
17	S-3L3	MJUS-3 196.2m	Sandy shale	○	△													•	△		△					•	calcite vein
18	S-3L5	MJUS-3 312.5m	Altered syenodiorite	○	○	•				•	△				•			•	△	○	•				•	•	prehnite vein, chloritized biotite
19	S-3L8	MJUS-3 372.2m	Granodiorite porphyry	○	○	•	△			•	•				•			•	△	•			•		•	•	
20	S-4L1	MJUS-4 9.2m	Slate with quartz vein	○			•							△	•		•	•	•							•	illite rich, rare green biotite
21	S-4L5	MJUS-4 278.4m	Granodiorite	○	○						•					•		•	△						△	•	calcite vein, chloritozed biotite
22	S-4L11	MJUS-4 341.5m	Granodiorite	○	○	△					•				•			•	•		•				△	△	chloritized biotite

Abbreviations

Qtz: quartz, Pl: plagioclase, Kfs: K-feldspar, Bt: biotite, Hbl: hornblende, Cpx: clinopyroxene, Spn: sphene, Ap: apatite

Cal: calcite, Tur: tourmaline, Ms: muscovite, Zrn: zircon, Rt: rutile, Hem: hematite, Opq: opaque mineral

Chl: chlorite, Act: actinolite, Ep: epidote, Zo: zoicite, Ser:sericite, Sap: saponite

Circle: abundant, Triangle: common, Dot: minor constituents

No.	Sample No.	Location	Rock name	Primary minerals															Secondary minerals								Remarks
				Qtz	Pl	Kfs	Bt	Hbl	Cpx	Spn	Ap	Cal	Tur	Ms	Zrn	Rt	Hem	Opq	Chl	Act	Ms	Bt	Ep	Zo	Ser	Cal	
23	T-1 T1	T-1 321.0m	Lamprophyre	○	○	•	○	○		•	•							•	•						△		
24	T-2 T1	T-2 485.0m	Porphyritic diorite	△	○	•	○	○		•	•				•	•		•	•						•	•	
25	T-3 T1	T-3 180.5m	Sandstone hornfels	○	△	△	•			•				○		△		•	△		•				•		
26	T-3 T4	T-3 242.0m	Syenite	△	○	△	•			•	•					•		•	△		•					•	calcite and chlorite in vein
27	T-3 T5	T-3 270.0m	Diorite	△	△	△					•				•	•		•	△				•	•	△	△	chloritized biotite pseudomorph
28	T-3 T7	T-3 228.5m	Hornfels	○	•	•		•		•	•		•	○				△	•		•		•	•	•		
29	T-4 T3	T-4 376.5m	Microdiorite	•	○	•	•	○			•				•	•		•	•				•		•	△	
30	T-4 T4	T-4 451.5m	Aplite	○	○	○		•		•			•	△					•				•	•	•		
31	T-4 T5	T-4 453.0m	Lamprophyre	△	○	△												•	•		△				△		
32	T-4 T6	T-4 603.0m	Sandstone	○												•		•								•	including rock fragments
33	T-4 T7	T-4 748.0m	Dolomite									△															dolomite rich
34	T-5 T2	T-5 382.0m	Lamprophyre	△	○	△	△			•	•							•	△						•	△	
35	T-5 T3	T-5 387.0m	Microsyenodiorite	△	○	△				△	•							•	△						△	△	
36	T-5 T5	T-5 652.0m	Porphyritic granodiorite	○	○	•				△	•				•	•		•	△		△				•		chloritized biotite pseudomorph
37	T-6 T1	T-6 193.0m	Sandstone hornfels	○	○	•				△									•		○				•	△	
38	T-6 T3	T-6 343.8m	Lamprophyre	△	○	○				•								•	○		•				•		
39	T-6 T4	T-6 398.0m	Rhyolite	○							•					•		•	△		•						
40	T-7 T-2	T-7 396.0m	Skarn						○			○						•									
41	T-7 T-3	T-7 494.5m	Sandstone	○								○					•	•	△								hematite veined, Chl/Sap mixed layer
42	T-8 T2	T-8 532.0m	Phyllitic sandstone	○	△	•				•	•			○		•		△	•		•		•	•	•	•	
43	T-9 T1	T-9 335.0m	Lamprophyre	△	○	△				•	•					•		△	△		○				•	•	
44	T-9 T2	T-9 353.0m	Brecciated siliceous slate	○														•								○	

Abbreviations

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Cal: calcite, Tur: tourmaline, Ms: muscovite, Zrn: zircon, Rt: rutile, Hem: hematite, Opq: opaque mineral

Chl: chlorite, Act: actinolite, Ep: epidote, Zo: zoicite, Ser: sericite

Circle: abundant, Triangle: common, Dot: minor constituents

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

No.	Sample No.	Location	Rock name	Primary minerals															Secondary minerals								Remarks
				Qtz	Pl	Kfs	Bt	Hbl	Cpx	Spn	Ap	Cal	Tur	Ms	Zrn	Rt	Hem	Opq	Chl	Act	Ms	Bt	Ep	Zo	Ser	Cal	
45	T-9 T3	T-9 712.0m	Chert	○							•							△								•	secondary quartz veined
46	T-10 T1	T-10 230.3m	Syenodiorite	○	△	○		△		•	•					•		•	△		•				△	•	chloritized biotite pseudomorph
47	T-10 T3	T-10 245.8m	Dolomite								•	•						•									dolomite rich
48	T-10 T4	T-10 595.0m	Sandstone	○							•						△	•			•						rock fragment, illite bearing
49	B-1L2	MJUB-1 36.3m	Lamprophyre	△	○	•										•		•	△		○				△	△	
50	B-1L3	MJUB-1 37.2m	Silicified skarnized rock	○	○					•	•							•	•		△		○	○		○	
51	B-1L12	MJUB-1 98.0m	Biotite lamprophyre	○	○	△	○	○		•	•							•	•						△	•	
52	B-1L13	MJUB-1 105.4m	Syenodiorite	○	○	○	○	○		•	•				•	•		•	△							•	rare andalusite??
53	B-1L15	MJUB-1 131.4m	Syenite	○	○	△					•							•	•		○				△	△	
54	B-2L3	MJUB-2 35.4m	Sandy shale	○	○	•	•			•	•				•	•		•	○		○				○		thin alternation of sand and shale
55	B-2L4	MJUB-2 47.7m	Lamprophyre	△	○	△									•			•	△		○				△	△	
56	B-2L11	MJUB-2 160.2m	Altered lamprophyre	△	○	△					•							•	△		○				△	△	
57	B-2L12	MJUB-2 166.8m	Altered biotite granite	○	○	△				•	•					•		•	•		○				○	△	weathered, biotite pseudomorph
58	B-3L1	MJUB-3 27.0m	Lamprophyre	△	○	△												•	○		○				○	○	
59	B-3L2	MJUB-3 38.8m	Sandy shale	○						•								△	△	○	○		△	△		•	
60	B-3L8	MJUB-3 102.1m	Hornblende-biotite granite	○	○	○	○	○		•	•				•			•	△						•		
61	B-4L2	MJUB-4 20.8m	Turmaline granite	△	○	○				△	•		△		•	•		•			△			•	△		
62	B-4L5	MJUB-4 85.2m	Lamprophyre	○	○	○	△	○		•	•				•			△	•						•		
63	B-4L7	MJUB-4 107.8m	Syenite	△	△	△				•	•							•	•		△				○	•	
64	B-5L2	MJUB-5 35.2m	Lamprophyre	△	○	△	○	○							•			△	△						○	○	
65	B-5L3	MJUB-5 106.6m	Diorite	○	○	△	○			•	•				•			•	△		△			•	△	△	
66	B-6L5	MJUB-6 78.6m	Porphyrite	○	○	•				•	•							•	•		△				△	△	
67	B-7L2	MJUB-7 34.8m	Lamprophyre	△	○	△	○	○		•	•				•			•	△						•		
68	B-7L6	MJUB-7 68.2m	Diorite	○	○	○	△	△		•	•				•			•	•				•	•	•	•	

Abbreviations

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Cal: calcite, Tur: tourmaline, Ms: muscovite, Zrn: zircon, Rt: rutile, Hem: hematite, Opq: opaque mineral
Chl: chlorite, Act: actinolite, Ep: epidote, Zo: zoicite, Ser:sericite
Circle: abundant, Triangle: common, Dot: minor constituents

Appendix 2-3 Photomicrographs of the Thin Sections

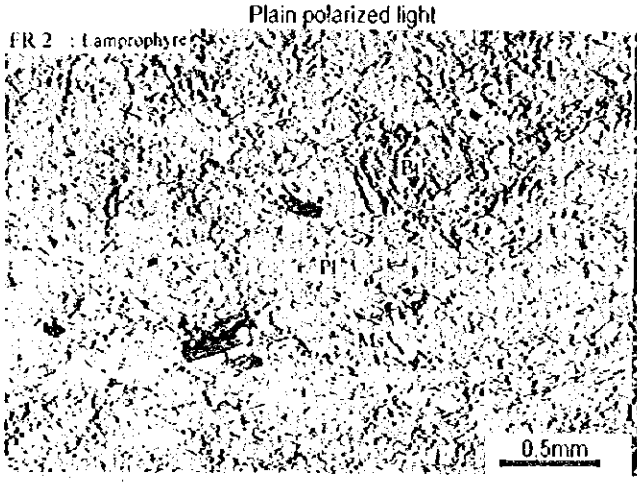
Abbreviations

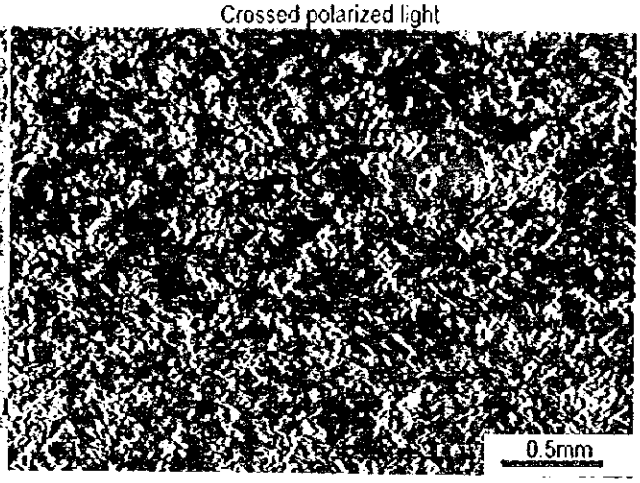
Act : Actinolite
Bt : Biotite
Cal : Calcite
Chl : Chlorite
Cpx : Clinopyroxene
Dol : Dolomite
Hb : Hornblende
Hm : Hematite
Kfs : K-feldspar
Ms : Muscovite
Pl : Plagioclase
Qtz : Quartz
Rt : Rutile
Ser : Sericite
Spn : Spinel
Tur : Tourmaline
Zo : Zoisite

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

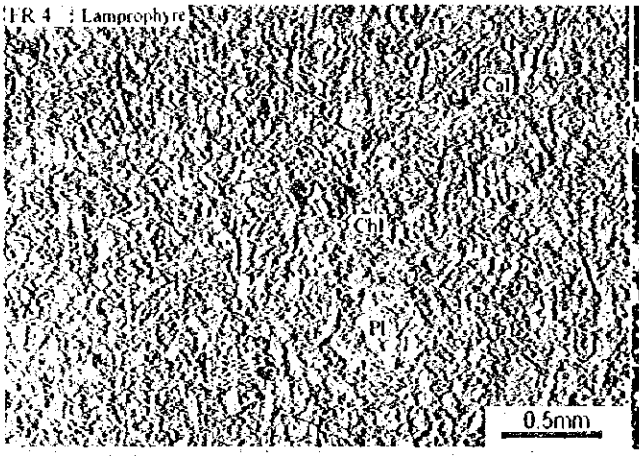
Plain polarized light | Crossed polarized light

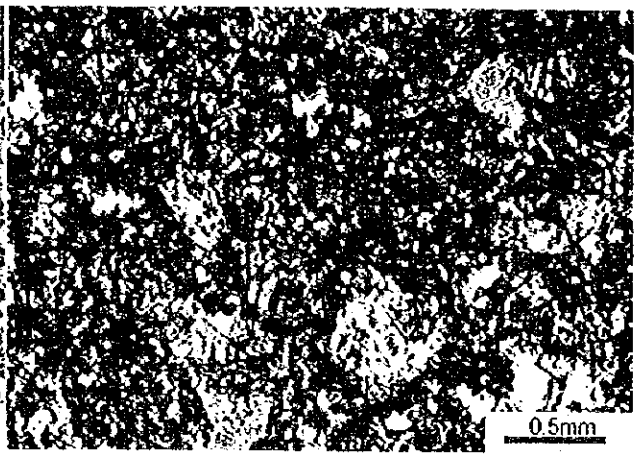
FR 2 : Lamprophyre



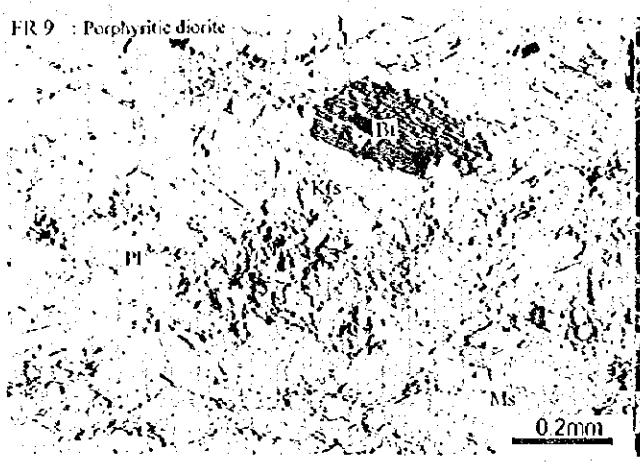


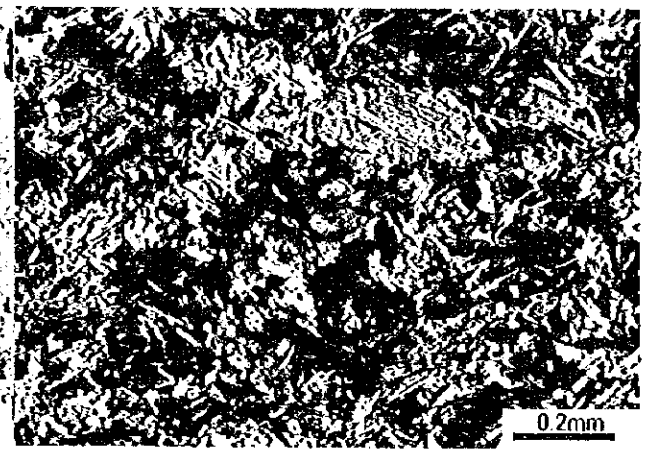
FR 4 : Lamprophyre



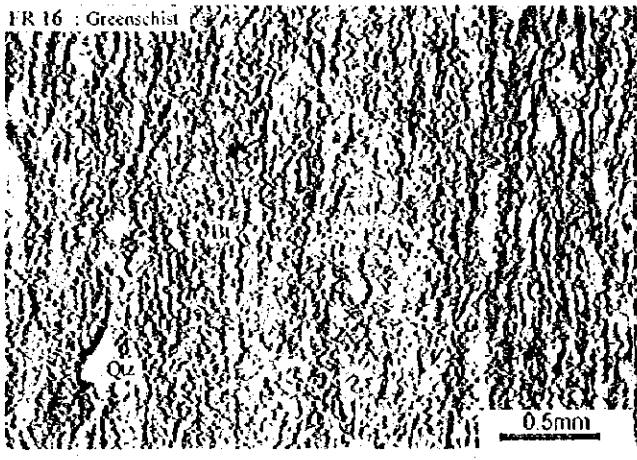


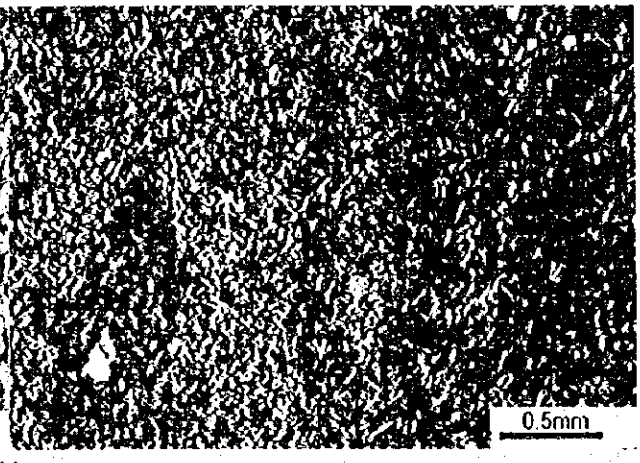
FR 9 : Porphyritic diorite





FR 16 : Greenschist

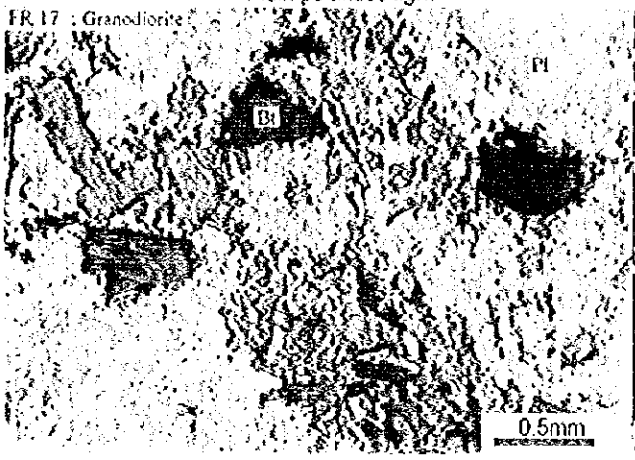


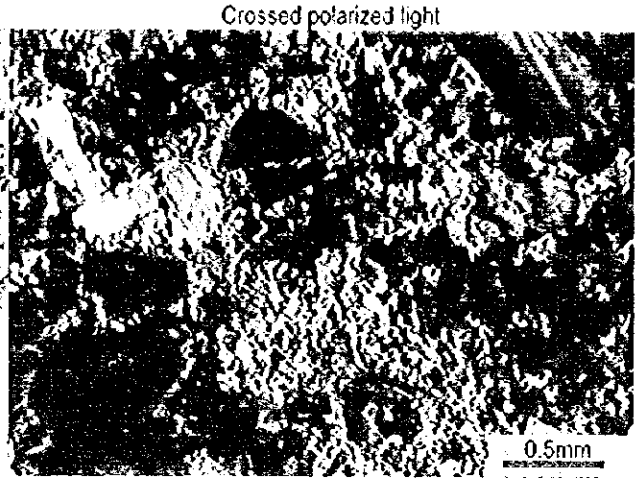


Appendix 2-3 Photomicrographs of the Thin Sections (2/17)

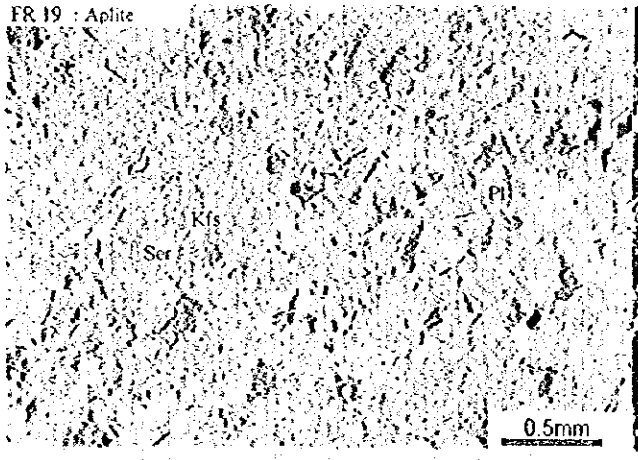
Plain polarized light | Crossed polarized light

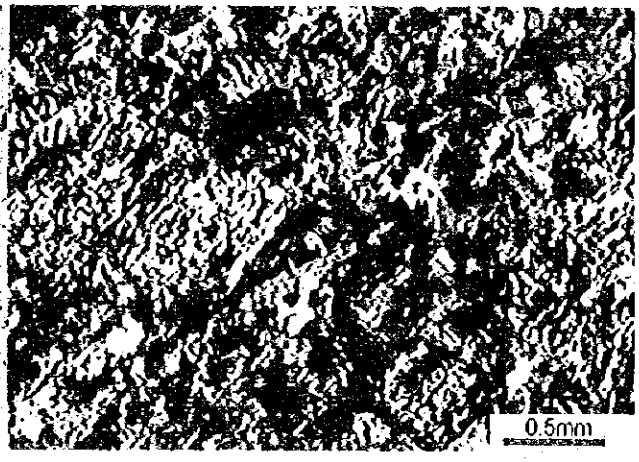
FR 17 : Granodiorite



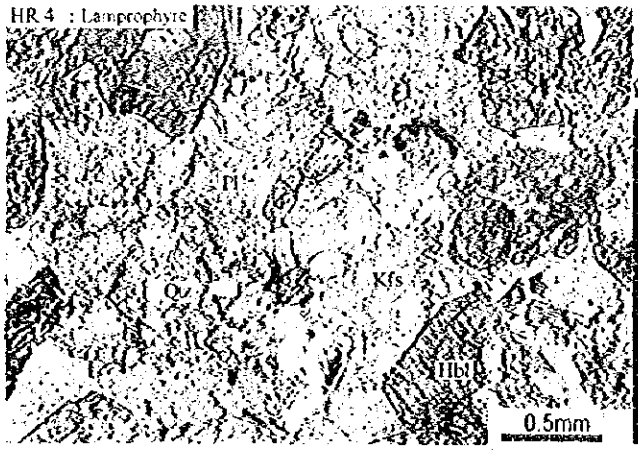


FR 19 : Aplite

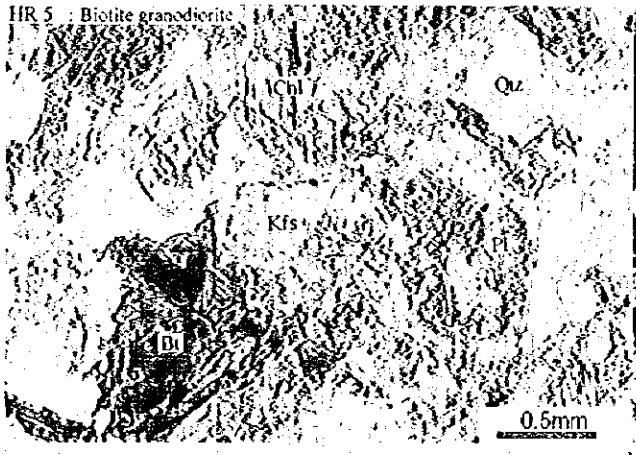


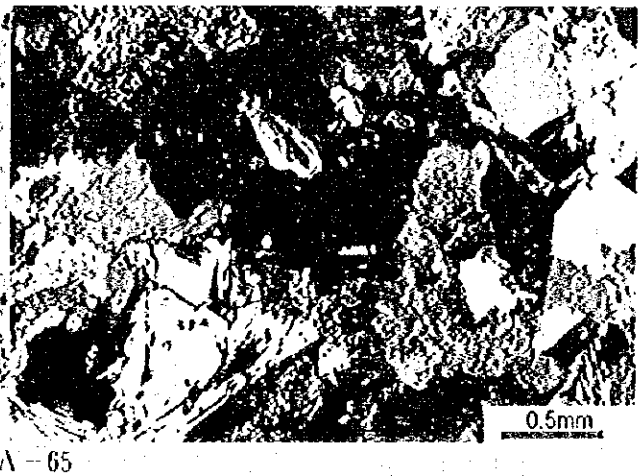


HR 4 : Lamprophyre



HR 5 : Biotite granodiorite

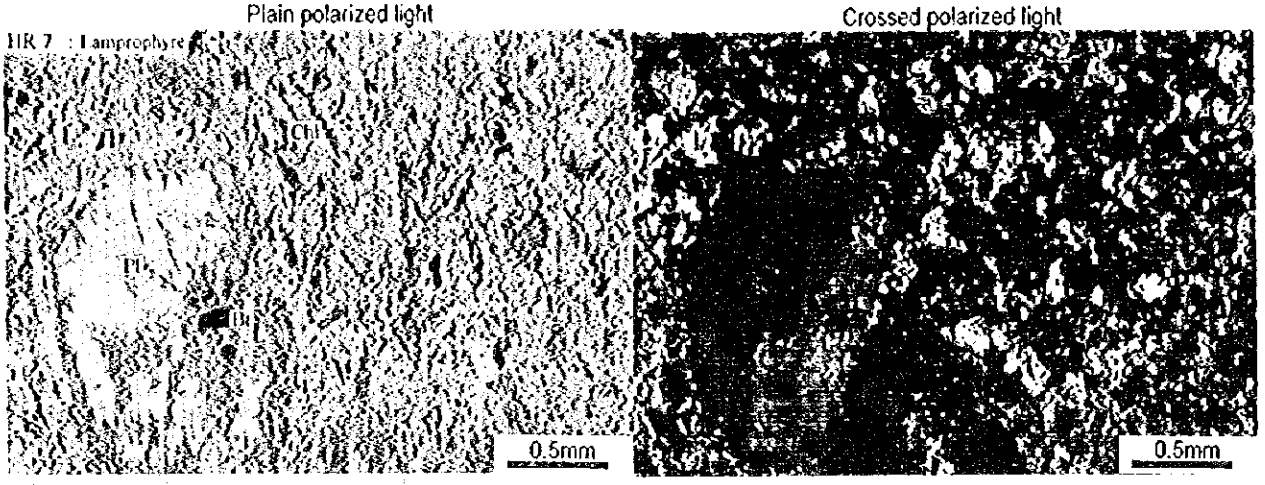




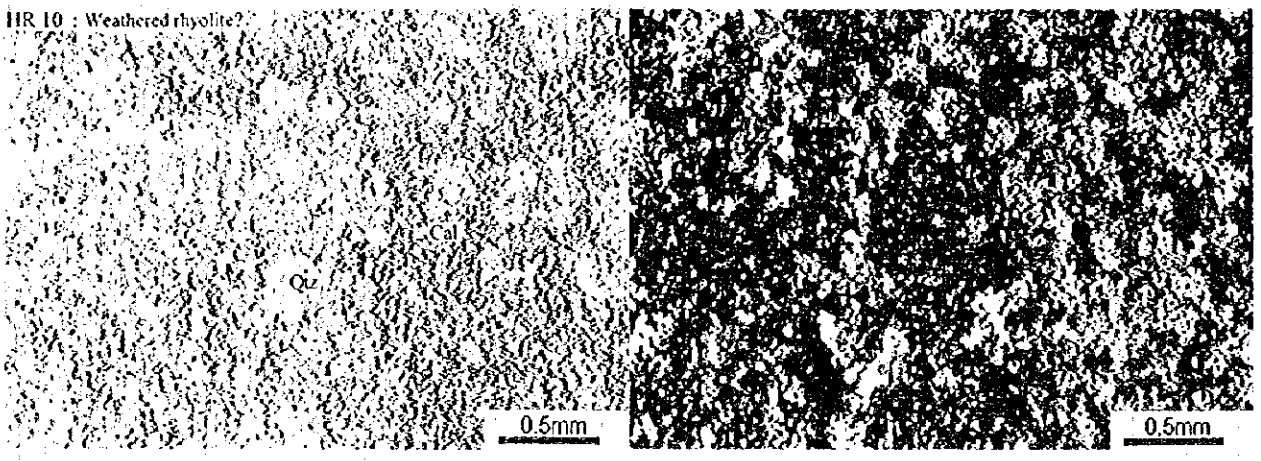
Appendix 2-3 Photomicrographs of the Thin Sections (3/17)

Plain polarized light | Crossed polarized light

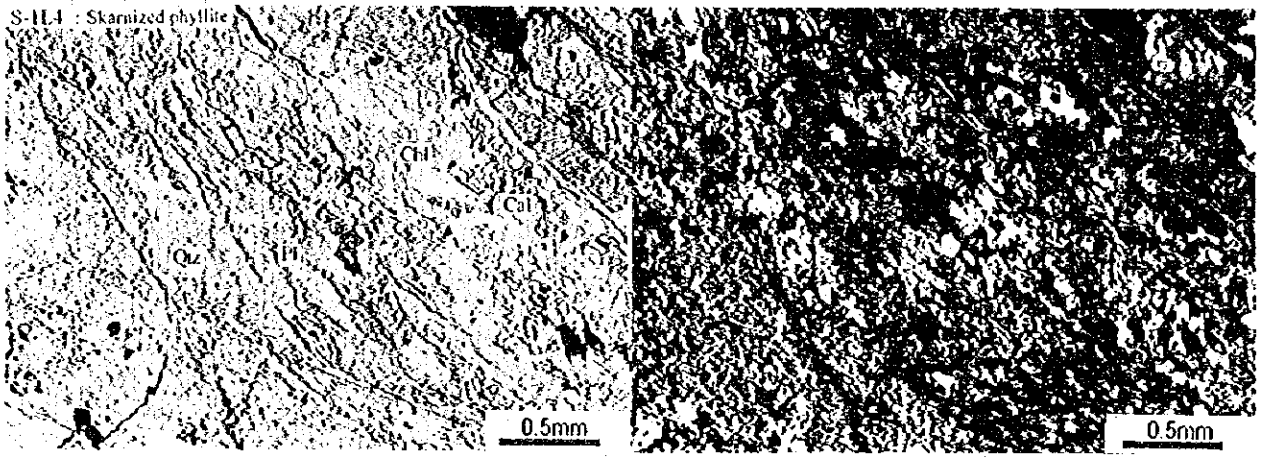
HR 7 : Lamprophyre



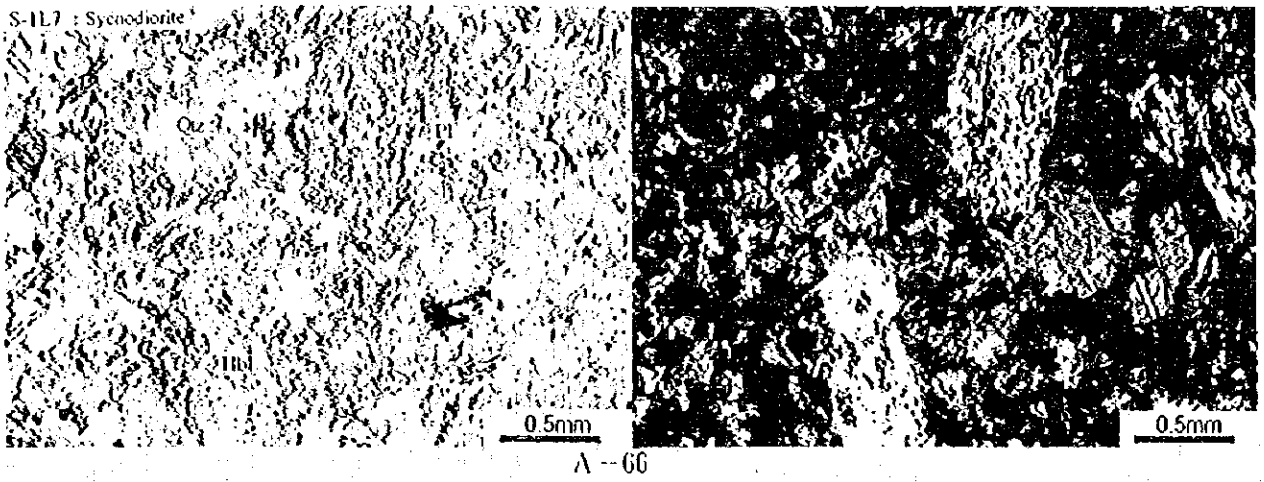
HR 10 : Weathered rhyolite?



S-IL4 : Skarnized phyllite



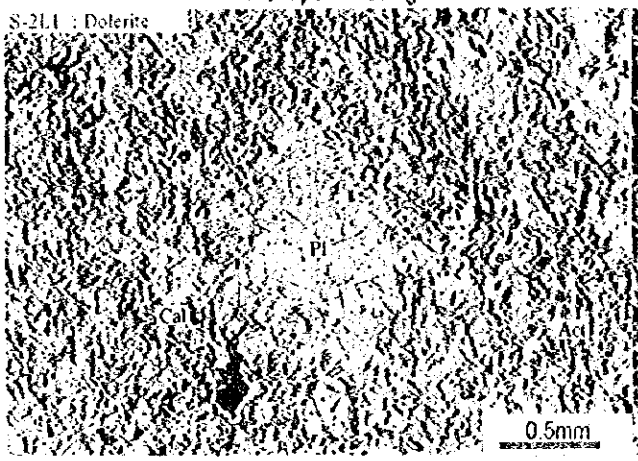
S-IL7 : Syenodiorite

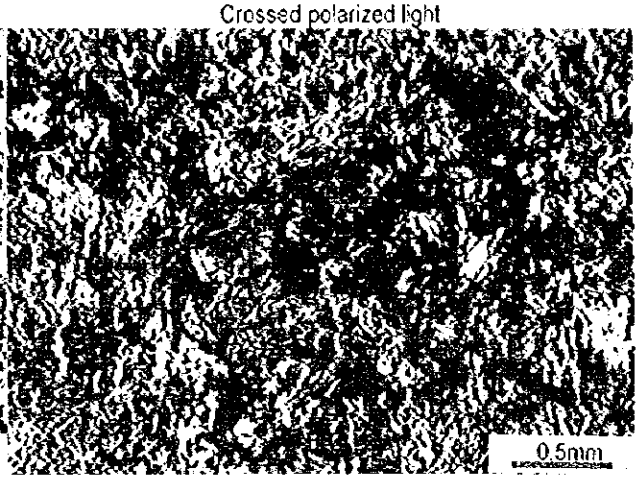


Appendix 2-3 Photomicrographs of the Thin Sections (4/17)

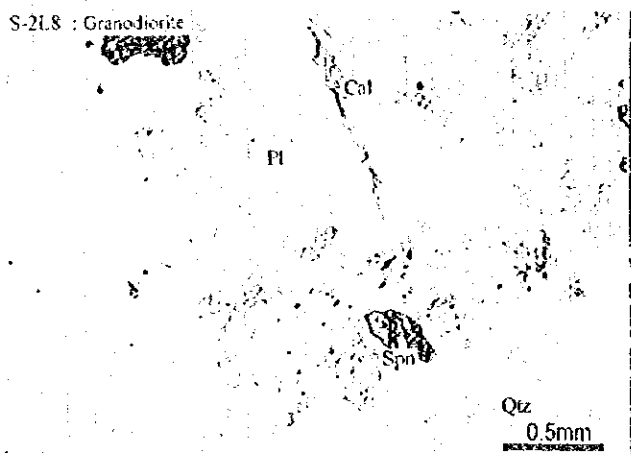
Plain polarized light | Crossed polarized light

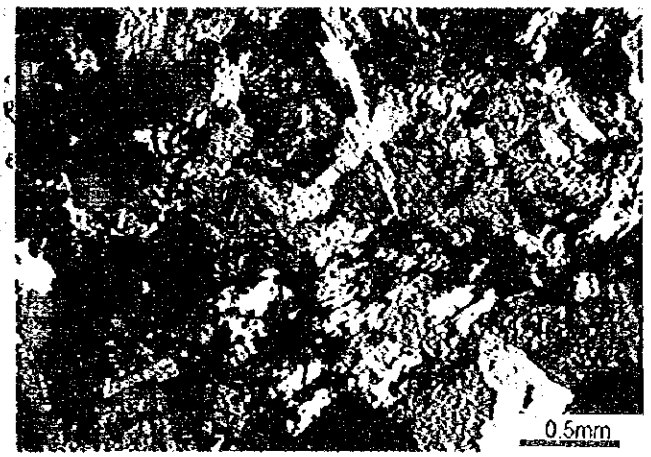
S-2L1 : Dolerite



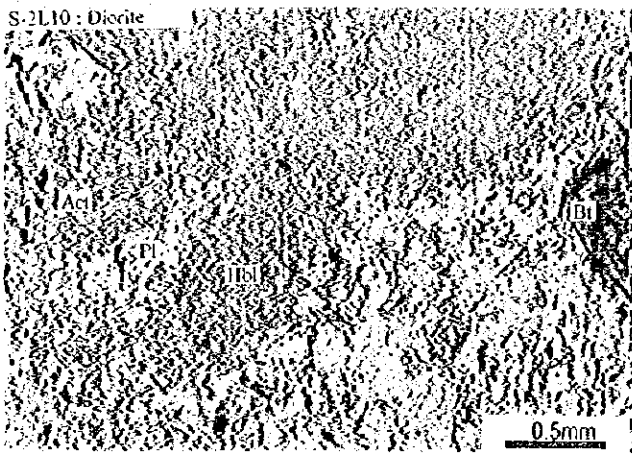


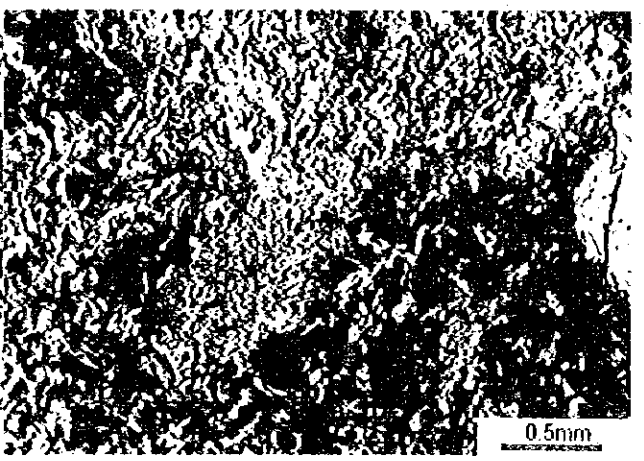
S-2L8 : Granodiorite



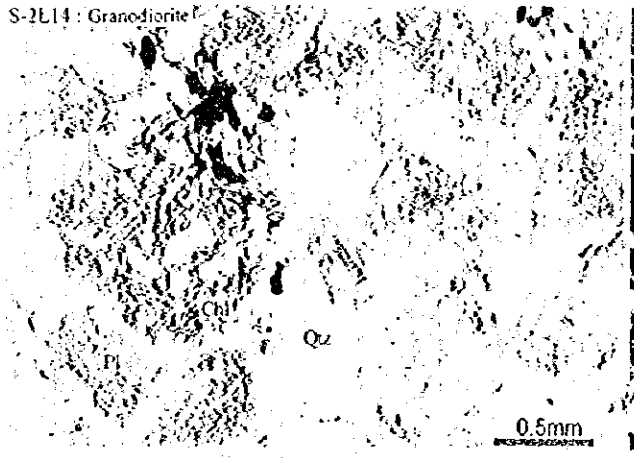


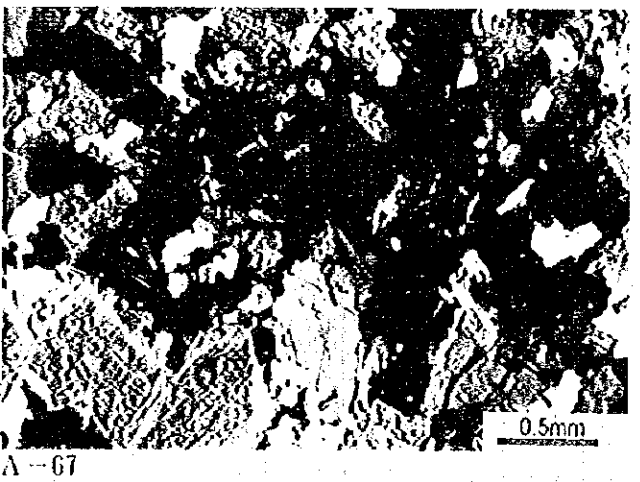
S-2L10 : Diorite





S-2L14 : Granodiorite

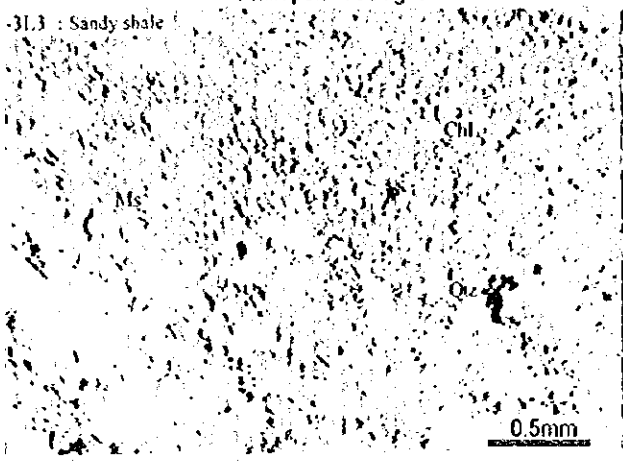


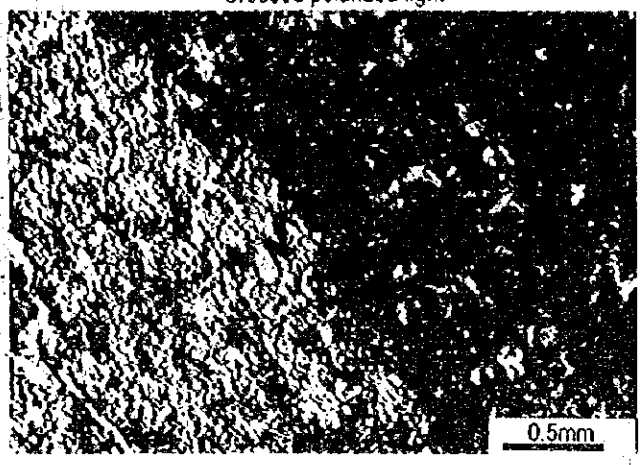


Appendix 2-3 Photomicrographs of the Thin Sections (5/17)

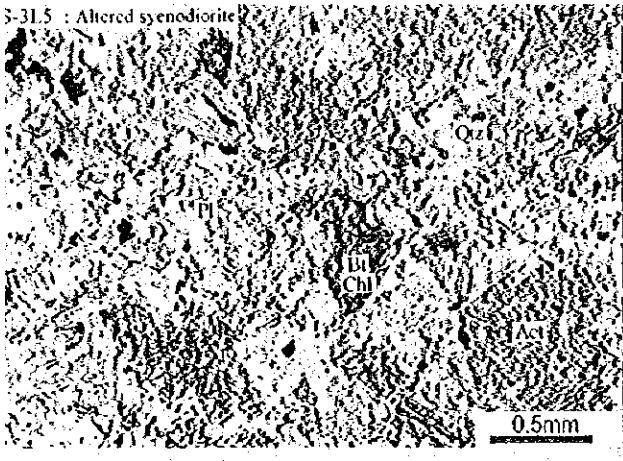
Plain polarized light | Crossed polarized light

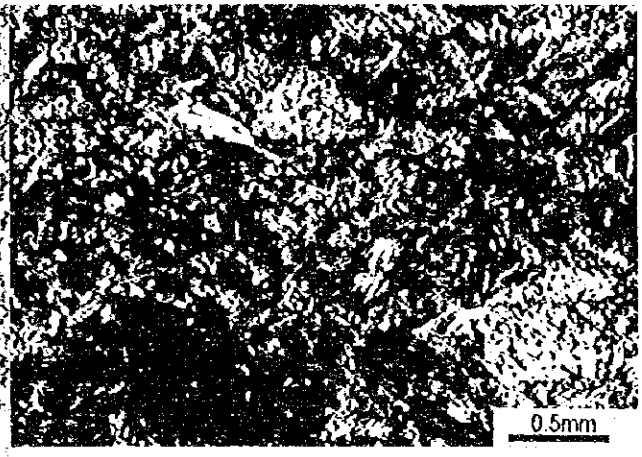
-31.3 : Sandy shale



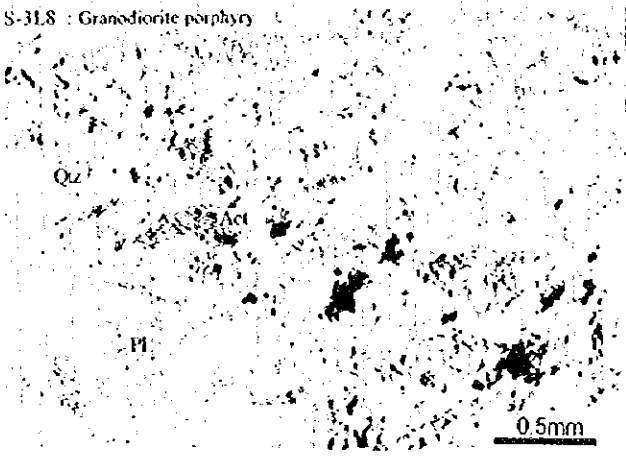


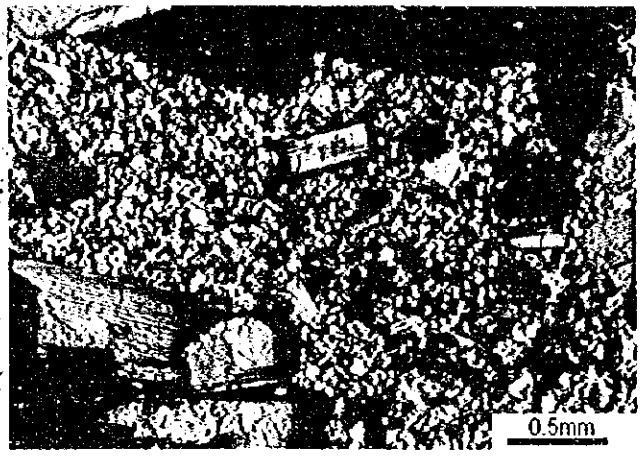
S-31.5 : Altered syenodiorite



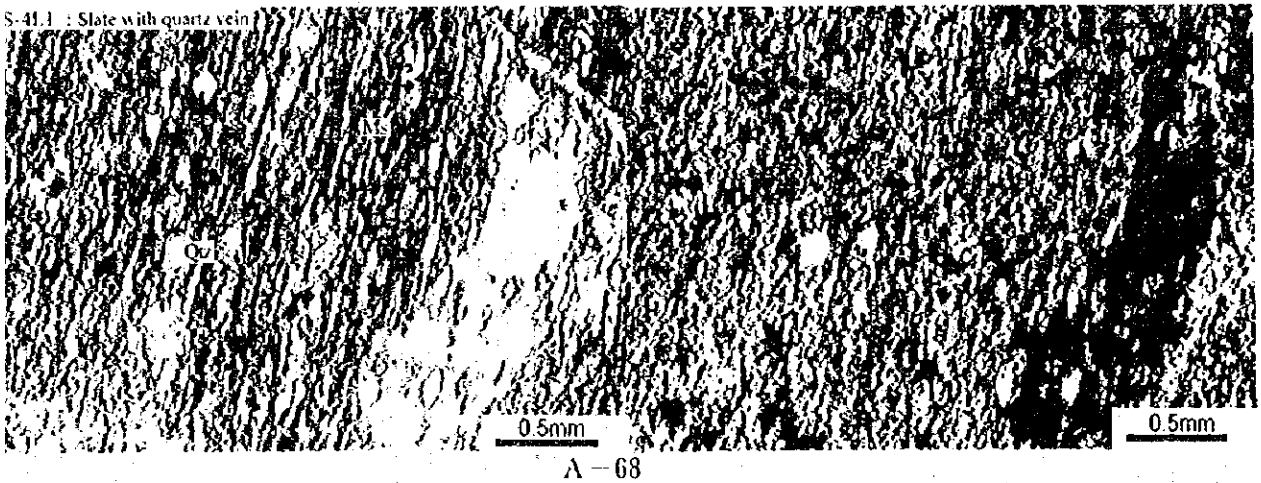


S-31.8 : Granodiorite porphyry





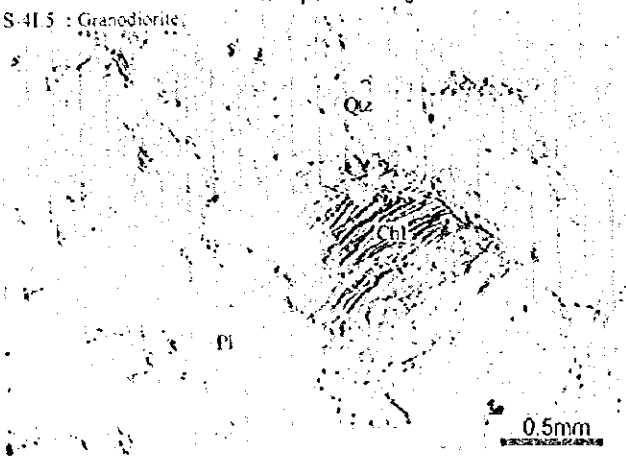
S-41.1 : Slate with quartz vein

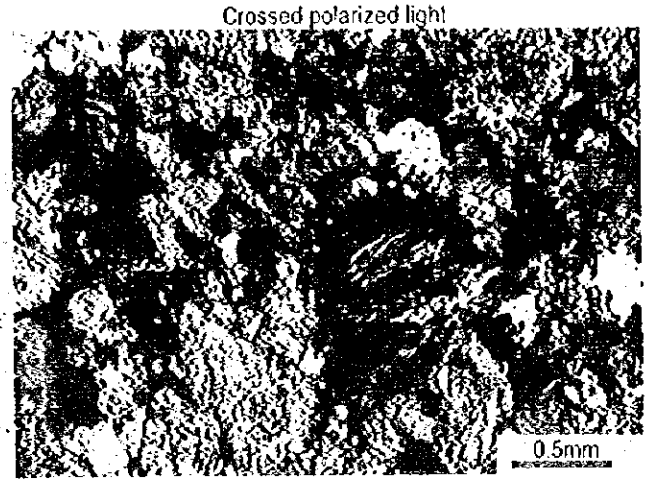


Appendix 2-3 Photomicrographs of the Thin Sections (6/17)

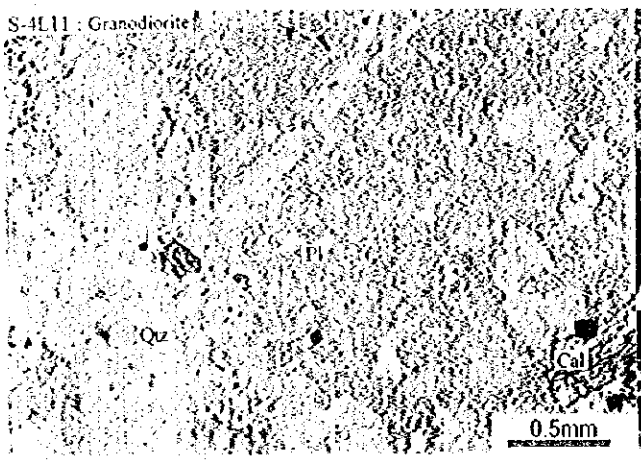
Plain polarized light | Crossed polarized light

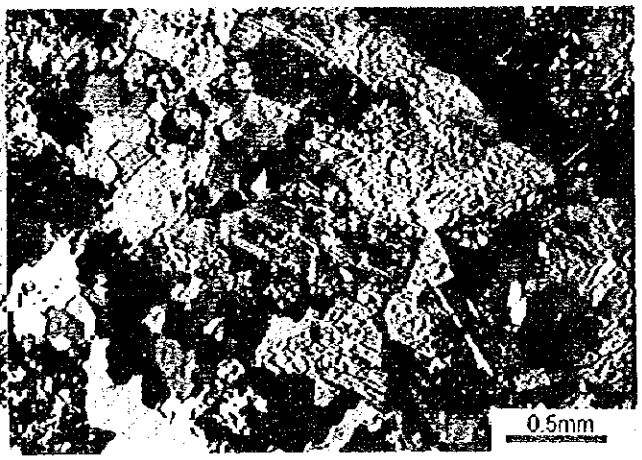
S-4L5 : Granodiorite



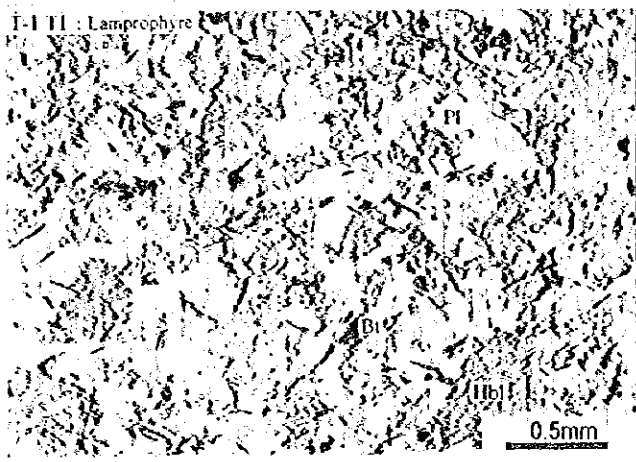


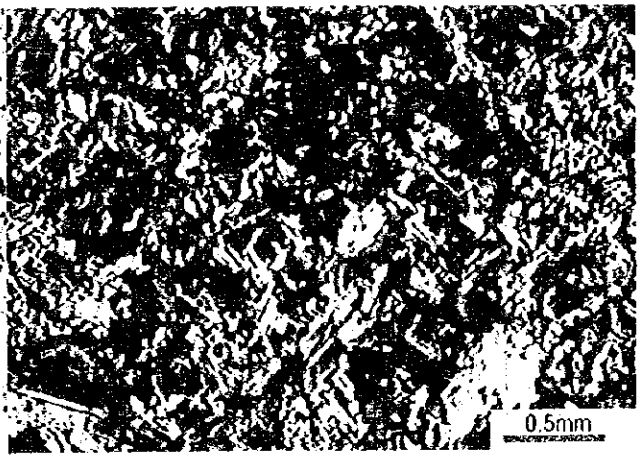
S-4L11 : Granodiorite





T-1 T1 : Lamprophyre





T-2 T1 : Porphyritic diorite