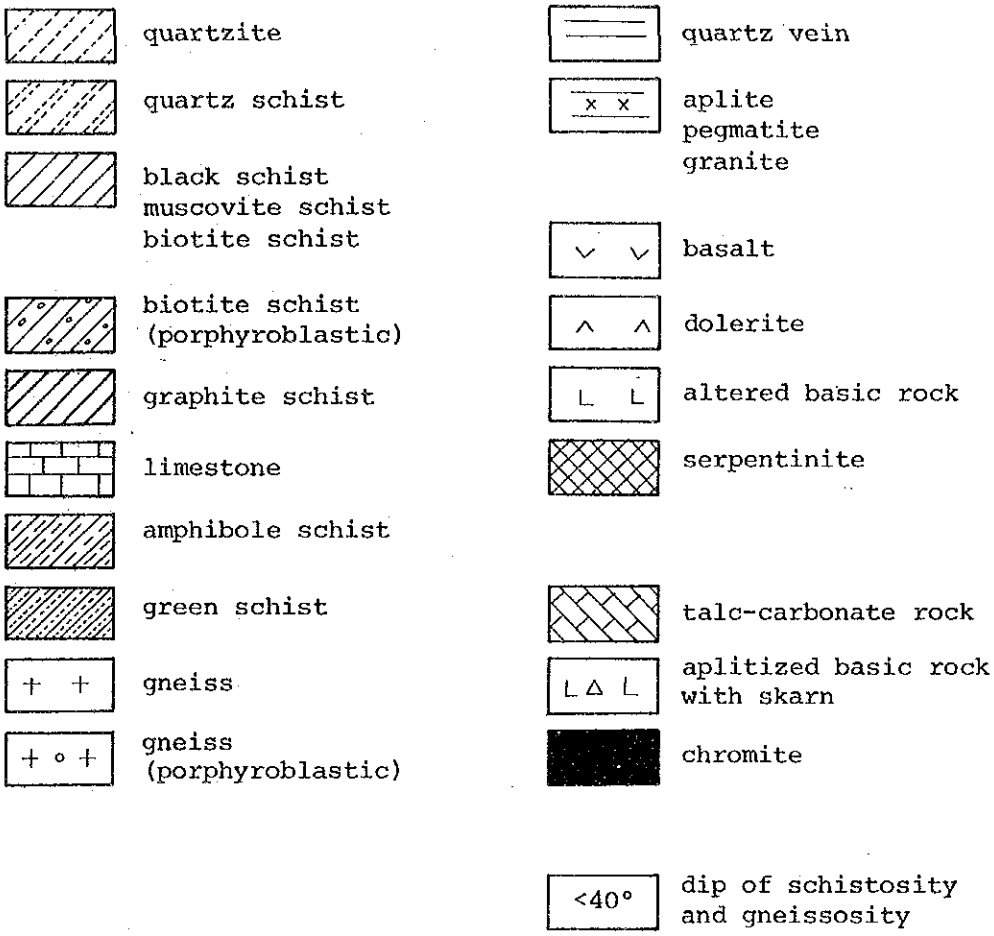
APPENDICES

Apex. 1. Legend



Abbreviation of mineral is same as that of Apex. 4 and 5.

Apex. 1-1　　CORE LOG　　GSJ-1　　S=1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Pt g/t) Cr2O3 T.Fe Al2O3 MgO SiO2 Pt	Rock name	Alteration	Mineralization	Remarks
		1.20				overburden			brown soil, floats of serpentinite.
						serpentinite	serpentinization		same as 13.97-66.00 m
		12.97							
		13.39	S-47	0.42	27.3 22.9 8.7 14.5 11.6 /	chromite		chr	massive chromite
						serpentinite	serpentinization		serpentinite greyish green - dark green massive - foliated generally rich in magnetite generally strongly serpentinized, talcosed, some carbonated, weakly epidotized. secondary actinolite or/and biotite formation at places 44.50-45.20m, 50.60-51.75m 54.50-55.80m, 56.70-58.60m 59.00-66.00m, 78.95-81.05m 82.65-84.90m bi-mus Granite 58.60-59.00m replacing serpentinite aplite 64.60-64.80m replacing serpentinite
		50°							
		44.50							
		45.20							
							act.bi		
		50.60							
		51.75							
		54.50							
		55.80							
		56.70							
		58.60							
		59.00							
		64.60							
		64.80							
		66.00							
		45°				hb gneiss			porphyroblastic gneiss granitic composition porphyroblast: fs
		60°							
		71.45							
		73.85							same as 13.97-66.00 m
		74.25							
		50°							
		78.95				serpentinite	serpentinization		
		81.05							
		82.65							
		84.90							
		86.00							
		100.20							

Apex. I – 2　　CORE LOG　　GSJ – 2　　S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Pt g/t) Cr2O3 T.Fe Al2O3 MgO S:O2 Pt	Rock name	Alteration	Mineralization	Remarks
		1.20				overburden			light brownish grey soil, calcretized, floats of chr
10						serpentinite	serpentinization		serpentinite brownish grey - greenish grey, massive - foliated generally rich in magnetite generally strongly surpentinized, talcosed, subordinately carbonated secondary actinolite or/and biotite formation at places. 43.45-44.50m 86.80-89.50m 96.45-98.20m 100.00-100.60m
20		20.45							
		21.75	S-48	1.30	31.7 19.7 11.4 14.1 10.4 0.0	chromite		cr	massive chromite. 2cm at the upper contact, magnetism is strong, while 5cm at the lower contact, it is weak. Middle part has no magnetism.
		23.38				serpentinite	serp		
		24.10	S-49	0.72	30.2 20.0 9.7 13.9 11.5 0.0	chromite		cr	massive chromite 2cm at upper and lower contact, magnetism is strong, but the rest is non-magnetic
30						serpentinite	serpentinization		
		38.10							
		38.45	S-50	0.35	26.7 21.9 8.2 14.7 12.3 /	chromite		cr	massive chromite magnetism is strong at upper and lower contact, the rest is non-magnetic.
40		40.10			serpentinite	serpentinite	serp		
		40.33	S-51	0.23	17.0 20.0 10.8 19.3 18.0 /	chromite			massive chromite
		43.45				serpentinite	serp bi		
		44.50							
50									

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Pt g/t) Cr2O3 T.Fe Al2O3 MgO S:O2 Pt	Rock name	Alteration	Mineralization	Remarks
60						hb-bi gneiss			porphyroblastic gneiss granitic composition mafic hb>bi 44.50 - 55.20m 63.20 - 86.80m bi>hb 55.20 - 63.20m 77.45 - 86.80 porphyroblast: fs gneissosity very clear
70		86.80							
80		89.50				serpentinite	serp act. bi		
90		96.45				bi-hb gneiss			same as 44.50-86.80m bi>hb 89.50-95.10m hb>bi 95.10-96.45m
100		98.20 100.60				serpentinite	serp act. bi bi		

Apex. 1 -3　　CORE LOG　　GSJ - 3　　S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Pt g/t) Cr2O3 T.Fe Al2O3 MgO SiO2 Pt	Rock name	Alteration	Mineralization	Remarks
		1.20				overburden			brown soil floats of Q, chr
		4.90				serpentinite			brown soil
		5.45				aplite			
10		< 35° 20.85				gt-bi-hb gneiss			granitic composition mafic mafic hb > bi > gt fine-coarse grained color index: 10-15% gt: transparent pale brown 0.3-0.5 mm
20		23.00				serpentinite	serpentinization act		
		25.00				serpentinite	serpentinization		peridotite origin serpentinite
30									
40		47.40					act		
50									

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Pt g/t) Cr2O3 T.Fe Al2O3 MgO SiO2 Pt	Rock name	Alteration	Mineralization	Remarks
		53.80				serpentinite	serpentinization		
		54.75				hb gneiss			porphyroblast: feldspar 54.75-55.02m aplite 56.00-56.40m serpentinite
		55.20							
		56.00							
		56.40							
		< 40° 57.50							
60		64.75							peridotite origin serpentinite
70		69.50				serpentinite	serpentinization bi		
80		79.50					act.bi		
		81.45				hb-bi gneiss			porphyroblastic gneiss granitic composition bi > hb porphyroblast: fs generally 3-5 mm max. 10 mm gneissosity very clear
90		< 55° 92.50							
		< 65° 100.50				gneiss			light grey, felsitic composition gneissosity is not clear, it looks like aplite, some thin layers of biotite 98.70-99.00 aplite
100									

Apex. I -4　　CORE LOG　　GSJ－4　　S＝1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		2.20				overburden			brown soil floats of Q.
10		< 25°				bi-mus schist			light grey very rich in mica schistosity: very clear
		17.60							
		19.00				quartzite			18.60-19.60m some wollastonite
20	Q	19.75 19.80							dark grey q > fs > bi > mus schistosity very clear porphyroblast pale brown-grey less than 1cm garnet, feldspar
	Q	27.25 27.45							
		28.60							
	Q	29.10							
30		29.85 29.90				mus-bi schist			q veins: barren
		< 30°							
		35.60							
	Q	35.70							
		37.40							
	Q	37.45							
		39.28							
	Q	39.42							
	Q	39.85							
40		39.90 40.35							
	Q	40.40							
		< 30°							
		45.80				graphite schist			black amount of grahoite is only a little.
50		49.45				bi schist			

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		50.40							
		51.25				limestone			crystalline
		52.60				black schist			black schist-phyllite
		53.70							
		54.10							white-light grey crystalline. some silicification wollastonite: max. 10 mm 61.50-70.25 m rich in wollastonite pyrite parallel-subparallel to bedding 20° (biotite thin layer) 65.40-66.90 m many pyrite layers 53.70-54.10 m graphite schist
60		< 20°				limestone		py	
		65.40							
		< 20°							
		66.90	1.50	S-52	0.029 0.004 0.002 //				
70		70.25							gneiss-schist granitic composition mafic: bi hard, q veins: barren 81.30-81.72m aplitic granite
		75.67							
	Q	75.72							
		79.80							
80	Q	80.10				bi gneiss			
		81.30							
	X X	81.72							
90		92.75							
		93.30							
	Q								
100		100.20							

Apex. I-5　　CORE LOG　　GSJ-5　　S=1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.70				overburden			pale brown soil and calcrete.
		2.30							
	Q	3.50				bi schist			bi > mus. upper part: calcretized schistosity: very clear
		6.10							
		7.30				mus schist			
		9.85				black schist			
10		< 20° 12.85				bi-mus schist			
		14.30				limestone			white-light grey crystalline, mainly massive some silicification wollastonite. 18.45-19.00m siliceous ls with wollastonite. 28.40-31.50m rich in wollastonite pyrite layers 30.83-30.85m 14.30-14.60m graphite schist (?) 14.70-15.00m quartzite 15.90-16.50m black schist
		14.60							
		14.70							
		15.00							
		15.90							
		16.50							
20		< 20° 31.50						Ipy	
		< 15° 35.80				bi-amp schist			bi = hb 1-4 mm
	+ + + + + +	< 25° 41.55				hb-bi gneiss			gneiss-schist light grey granitic composition fine grained
40		44.75				amp schist			minor folding
	+ + + + + +	< 15°							
50									

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		51.30				bi gneiss			gneiss-schist granitic composition gneissosity (schistosity) very clear. fine-coarse grained several veins-dykes. q veins: barren 2.30-3.50m 51.30-51.50m 54.60-55.40m aplite: 82.95-83.35m 89.20-89.30m 91.10-91.20m granite: 89.45-87.95m 91.60-91.75m 96.70-96.90m 98.10-98.40m
	Q	51.50							
		54.60							
	Q	55.40							
60		< 20°							
		82.95							
		83.35				hb-bi gneiss			porphysoblastic gneiss granitic composition porphyroblast: fs
70		< 20° 87.45							
		87.95							
		89.20							
		89.30							same as 44.75-82.95 m
80		91.10							
		91.20							aplite 82.90-89.30m 91.10-91.20m granite 87.45-87.95m 91.60-91.75m 96.70-96.90m 98.10-98.40m
		91.60							
		91.75				bi gneiss			
90		< 30° 96.70							
		96.90							
		98.10							
		98.40							
100		100.40							

Apex. I -6 CORE LOG GSJ－6 S＝1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.50				overburden			brown soil floats of Q.
10		< 55°							dark green generally schistosity is very clear. dip of schistosity 0-30m 55°,30-101.5m 40° from horizontal. some epidote 61.70-62.70m,89.90-92.40m 12.10-12.90m amp schist becomes clayey. some carbonate veinlets 69.10-69.15m,72.30-73.90m Py.Cp.hm > malachite Py.Cp. impregnated > within hm-q veinlets hm-q veinlets with or without Py, Cp. width 0.05-3cm about 50 veinlets generally veinlets are accompanied by Py or/and Cp. generally they are parallel-subparallel to schistosity. Cu content 26.00-29.00m Cu 0.178% 94.00-97.00m Cu 0.228%
20		20.00							
		23.00	S-53	3.00	0.039 0.000 0.007 0.0 0				
		26.00	S-54	3.00	0.046 0.000 0.007 0.0 0	amp schist			
		< 50° 29.00	S-55	3.00	0.178 0.000 0.006 0.0 0				
30		32.00	S-56	3.00	0.043 0.000 0.007 0.0 0				
		33.80	S-57	3.00	0.029 0.000 0.006 / /				
	Q	34.50							
		35.00							
		38.00	S-58	3.00	0.041 0.000 0.005 / /				
40		38.80					act.chl		
		39.40							
		< 40° 41.00	S-59	3.00	0.066 0.000 0.004 / /				
		44.00	S-60	3.00	0.025 0.000 0.004 / /				
		47.00	S-61	3.00	0.043 0.000 0.006 / /				
50		50.00	S-62	3.00	0.034 0.000 0.004 0.0 0				
60		53.00	S-63	3.00	0.054 0.001 0.005 / /				
		56.00	S-64	3.00	0.050 0.001 0.004 / /				
		59.00	S-65	3.00	0.023 0.001 0.004 / /				
		< 40° 61.70	S-66	2.70	0.023 0.001 0.006 / /				
		63.70	S-67	2.00	0.028 0.001 0.005 / /				
70		66.10	S-68	3.30	0.045 0.002 0.005 / /				
		70.00	S-69	3.00	0.029 0.003 0.004 / /				
		73.00	S-70	3.00	0.037 0.002 0.005 / /				
		76.00	S-71	3.00	0.045 0.002 0.005 / /	amp schist			
80		79.00	S-72	3.00	0.036 0.002 0.007 / /				
		< 35° 82.00	S-73	3.00	0.083 0.002 0.006 / /				
		85.00	S-74	3.00	0.041 0.002 0.006 / /				
		86.15							
	Q	86.80	S-75	3.00	0.073 0.002 0.007 / /				
		88.00							
90		91.00	S-76	3.00	0.052 0.001 0.007 / /				
		94.00	S-77	3.00	0.036 0.001 0.004 0.0 0				
		97.00	S-78	3.00	0.228 0.001 0.006 / /				
100		< 40° 101.50	S-79	4.50	0.063 0.001 0.007 / /				

Apex. I – 7　　CORE LOG　　GSJ – 7　　S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		2.00				overburden			black turf soil floats of Q, schist
10		< 40° 9.15				bi-mus schist			up to 5.90m slime slime contains some garnet(?)
		11.40				black schist			pelitie
		19.05				mus schist			pale purplish schist pelitic, phyllitic
20		< 35° 25.30				graphite schist			same as 58.15-81.90 m
		< 35° 28.90				mus schist			pale purplish schist pelitic, phyllitic
		29.55				graphite schist			graphite (?)
30		30.20				basalt			
		31.65				graphite schist			graphite schist - black schist
						basalt			fs phenocryst max. 3 cm 28.90-29.55m, 31.65-32.90m weathering, clayish 36.05-36.75 m soft, yellowish green, serpentinization
40		40.20							
		< 25° 45.70				graphite schist			45.70-46.45m aplite
		46.45							same as 58.15-81.90 m
50									

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		51.50							51.50-52.50m, 57.30-58.15m chilled margin
60		58.15				dolerite			dolerite - microgabbro very fresh
		59.00 59.15							59.00-59.15m quartzite
		< 40°							amount of graphite is only a little abrasived by fingers, then they become dark grey it has weak electric conductivity sometimes, not often.
70						graphite schist			pelitic, it looks like slate
		< 40° 81.90							
		< 30° 84.50				mus-bi-amp schist			
80		87.65				mus schist			
		87.70 89.90							
90		90.20 91.10 91.60				green schist			q veins w=2cm parallel to schistosity
		93.25							
		< 40° 95.65				mus schist			
		96.15				green schist			
		98.65				bi-mus schist			
100		100.20				green schist			

Apex. I -8 CORE LOG GSJ - 8 S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.50				overburden			
		1.80							fs quartzite or aplite
		2.25				quartzite			
		5.85							1.80-2.25 m aplite
		8.30				green schist			green basic rock (basalt?) origin
10		10.20				aplite			white, fs > q
		13.75				green schist			same as 5.85-8.30 m
		20.70				aplite			white fs > q
20		22.35				bi-mus-q schist			basic rock origin (?)
		28.70				aplite			white fs > q
		29.90				altered basic rock			yellowish green
30		< 70° 32.90				amp-bi-q schist			
		39.50				q-schist			pale brown-brownish grey weak magnetism basic rock origin (?) aplitization
40		43.30				talc-carbonate rock	ta carb chl		yellowish and purplish green alteration product from basalt 43.30-43.60m, 46.50-46.80m fs megaphenocryst bearing basalt remains
		43.65							
		46.50							
		46.80							
		48.90							
50						aplitized			49.90-50.20 m

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		51.00				basalt			basalt with megaphenocryst remains
		55.60				basalt	chl sil		darkgrey-black-dark green phenocryst: fs max. 3 cm
		56.30							55.60-56.30 m aplite
		56.85				aplitized basalt			basalt has been aplitized 50%.
60		61.10				basalt			61.10-61.34 m granite
		61.34							
		62.00				aplitized basic rock | aplite			reddish pink-greenish grey -green strong aplitization relict of basic rock (basalt?) 5-95% i.e. aplite replaces basic rock 95-5%
70									
80									
90									95.00-96.70 m bi quartzite or aplite
		95.00							
		96.70							
100		100.30							

Apex. I -9 CORE LOG GSJ – 9 S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		2.00				overburden			brown soil, calcrete, floats of Q.
		7.50							greenish yellow-greyish green-grey fine-coarse grained schistosity very clear 20°-50° from horizontal.
		7.53							
		9.40							
10	Q	9.45							alteration chlorite, talc-carbonate, epidote, tourmaline
		< 20°							chl-talc-carb 2.00-37.90 m
							chl		talc-carb 64.85-66.45 m 83.60-84.00 m
							l		
							ta		some epidote 72.00-77.00 m
20							l		
							carb		tourmaline 55.15-55.30 m tour-q vein 72.20-72.40 m tour-fs-q-vein with some ep and py.
		< 25°				amp schist			carbonate 5.0-9.0 m veinlet-network
		26.90							
	Q	26.95 27.70							q veins width 1-30 cm with or without sulfide
	q	27.80 29.10							
30	q	29.20							aplite veins 7.50-7.53 m 87.40-88.15 m
		33.95							
	Q	34.00 36.05							
	Q	36.30 37.90							
		<30°							36.20-37.90 m some clay
40		41.85							40.90-43.60 m core is taken as slime
	Q	42.15 42.85							
	Q	43.15							
		46.10							
	q	46.20							
		48.50							
50									

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		< 50°				bi-q schist			
		52.25							
		55.15							mineralization 69.50-82.00 m py > cp impregnation > within q vein.
	Q	55.30					tour		
60						amp schist			cu content 69.60-75.00 m cu: 0.113%
		< 20°							
		64.85							
		66.45				talc-carbonate rock	ta-carb		
		69.60							same as 2.00-64.85 m
70		72.00	S-80	5.40	0.113 0.000 0.006 / /				
	Q	73.10							
	Q	74.80				amp schist	ep tour	py cp	
		75.00							
		77.00							
			S-81	7.00	0.059 / / / /				
80		82.00							
		83.60							
		84.00					ta-carb		
	V V	84.70				basalt			phenocryst fs max 7 mm
		87.40				amp schist			
	X X	88.15				aplite			
	V V V V V V	90.50				basalt			phenocryst: fs max 7 mm
90		91.80				quartzite			with some fs (aplite?)
		< 50°				amp schist			
100		100.20							

Apex. 1 -10　　CORE LOG　　GSJ -10　　S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.85				overburden			black turf
10		12.00				bi schist			core is taken as slime fs. Q >> bi > gt (?)
		12.25 12.70							
		13.00							yellowish grey medium grained chilled margin 12.20-16.50m, 38.10-39.95m composed of fs. cpx, mt as main primary minerals without megaphenocryst of fs
20		20.90					chl I ta I carb		
		21.50							
		23.10							
		23.35							
		23.60							
		23.85							
		24.65							
		24.80				dolerite			alteration chl, talc, carb weathering many aplite veins white.
30		31.30							
		31.50							
		39.95							
40		< 40°				q schist			core is taken as fragment
		44.65							
		49.35				black schist			schist or black massive slate (?) with small amount of graphite
50									

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		52.55				graphite schist			
		53.60				aplite			
60		55.40				graphite schist			53.60-53.80 m high grade graphite 53.75-53.80 m fixed carbon 66.8% volatile material 7.3% ash 24.8% 53.60-55.45 m with many q veinlets 55.45-69.75 m core is taken as slime amount of graphite is only a little in slime many aplite veins
		64.65							
		65.00							
		65.55							
		66.00							
		68.00							
70		68.25							
		70.05							
		70.60							
		< 60°				green schist	chl I ta I carb		pale greenish grey- dark green, generally schistosity is very clear some relict of basic rock remains, i.e., basic rock origin some magnetism, 70.60-79.00 m very weak pyritization
		< 40°							
		79.00							
80		< 35°							
		82.90							
90						dolerite			dark greenish grey dolerite-microgabbro without megaphenocryst of fs. medium-strong magnetism.
100		101.00							

Apex. I – II　CORE LOG　GSJ – II　S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.50				overburden			
10		9.40				mus-bi schist			1.50-5.00 m core is taken as slime bi > mus amount of mica changes by places. schistosity: very clear q vein: barren
	Q	10.00							
		13.80							
20		< 30°				mus-bi-q schist			schistosity: very clear
		27.10							
30	Q	27.20							q vein: barren
		35.00							
40		< 25°				mus-bi schist			
		47.10							
		< 20°				quartzite			fs quartzite with some mus >> bi
50		49.05							

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		51.45				mus-bi schist			schistosity: very clear q vein: barren
	Q	51.50							
		55.65							
		56.70				mus-bi-q schist			55.65-60.95 m coarse grained q veins: barren
60	Q	56.95							
		< 25°							
		69.95							
	Q	70.05							
70		< 35°							
		73.80							
	Q	73.95				amp schist		native cu	coarse grained some ep a little gt 79.35-81.20 m native copper along crack Cu: 0.022%
		75.35							
	Q	75.65		S-82	0.006 0.000 0.007 / /				
80		79.35							
		< 40°		S-83	0.022 / / 0.0 0				
		81.20							
		81.50		S-84	0.050 / / / /				
	Q	82.25							
		82.45							
	Q					mus-bi-q schist	kaol		85.90-86.00m sericite rich 87.30-87.65m sericite schist with some kaolinite
		87.30							
90		87.65							
		< 20°							
		97.35							
						quartzite			fs quartzite
100		100.05							

Apex. I -12 CORE LOG GSJ - 12 S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.20				overburden			calcretized soil
		6.20				mus-q schist			5.20-5.40m bi schist
10	× × × × × ×	13.75				aplite			schist is replaced by aplite but schist remains at places. many q veins.
		< 45° 18.20				mus-bi schist			greenish grey with brownish tint schistosity very clear mus. bi. very rich
20		23.30				bi-mus schist			geenish grey 1.20-25.80m, 44.50-63.60m black small dot, graphite (?) amount of it is only a little, but distributes
		25.80				mus quartzite			grey. schistosity not clear
		< 40° 27.60				bi-mus schist			greenish grey aplite veins q vein: barren
	× ×	28.20							
		29.05							
30	Q	29.25 29.65 29.75 31.90							
	× ×	33.20				aplite			white aplite with relict of schist. 33.20-34.00m mus-q schist, grey 36.00-37.20m limonitization after Py
		34.00							
	× × × × × ×	< 30° 38.70							
40		44.50				mus-q schist			brownish grey
		< 40° 48.30							greenish grey q veins: barren
	Q	48.80							
50									

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
	Q	50.25 50.40							
		< 25° 55.00				bi-mus-q schist			
60	Q	55.20							
		63.60							
		< 20°							greenish grey mica rich bi > mus > chl, talc (?) basic rock origin (?) 79.70-83.40m strong aplitization very weak pyritization
70						bi-mus green schist			
		79.70						py	
80	× × × × × ×	< 25° 83.40							
90									
		< 20° 100.10							
100									

Apex. 1-13 CORE LOG GSJ-13 S=1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.20				overburden			
10		< 20° 12.20				bi-mus schist			greyish brown-brownish grey
	Q	12.30 13.60							q veins: barren
	Q	13.70 14.30 14.40							
20		23.40							
	Q	23.70 < 40° 27.50				mus-bi schist			brownish grey
30		37.10				bi-mus schist			pale brownish grey
40		< 35° 43.60				mus-bi schist			pale brownish grey
		46.20				mus-bi-q schist			light grey
		49.30				mus-bi schist			brownish grey
50									

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		< 25° 55.45				bi-mus-q schist			light grey
		56.80							light grey-dark grey weak pyritization.
60	Q	56.85							very small amount of graphite (?) exist.
									amount of pyrite is only a little.
70		< 20°				mus schist		py	
80		< 25° 87.70							
		88.65							greenish grey
		89.20				bi-hb-schist			88.65-89.20m bi schist
90		94.90							
	Q	95.10							dark grey weak pyritization.
		< 30° 100.30				mus-bi schist		py	
100									

Apex. 1 -14 CORE LOG GSJ - 14 S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.50				overburden			q rich
		3.50				aplite			white
10		< 30°				mus-q schist			brownish grey q >> fs >>> bi schistosity: very clear
		17.30							
20		< 25°				bi-mus-q schist			brownish grey with greenish tint
30		< 50°							
		37.15							
40		42.40				bi-mus schist			pale greenish grey
	Q	42.50							
		42.90							
	Q	43.40							
50		< 40°							

Depth (m)	Core log	Boundary (m) Dip	Samp No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		51.90				bi-mus schist			
	Q	52.40							
		54.35							
60		60.00	S-85	5.35	0.002 0.000 0.002 0.0 0	mus-q schist		py	light grey 54.35-100.00 m pyrite impregnated >> py bearing q veinlets.
		< 30°	S-86	5.00	0.010 / / / /				
		65.00							
		70.00	S-87	5.00	0.004 0.000 0.003 / /				
70		70.85							light grey q veins: barren 74.70-75.60 m mus-q schist
		72.25				quartzite			
	Q	72.95	S-88	5.00	0.004 / / / /				
		73.50							
	Q	73.70							
		75.00							
		75.60	S-89	5.00	0.004 0.000 0.002 0.0 0				
		79.25							
80		80.00				mus-q schist			greenish grey
		< 25°	S-90	5.00	0.002 / / / /				
		84.15							
		85.00				quartzite			light grey
		85.80				bi schist			brownish grey
		87.70	S-91	5.00	0.002 0.000 0.005 / /				
90		90.00				quartzite			light grey
		92.95	S-92	5.00	0.001 / / / /				
		95.00				bi schist			brown very rich in bi
		95.55							
		< 20°	S-93	5.00	0.008 0.000 0.003 0.0 0	mus-q-schist			grey
100		100.00							

Apex. I -15 CORE LOG GSJ-15 S=1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.50				overburden			
		< 40° 7.00				bi-mus schist			pale greenish grey.
		8.30							yellowish brown
10	Q	8.40				mus-bi schist			q vein: barren
		10.30							
		< 30°				bi-mus schist			pale greenish grey schistosity: very clear mus >> bi > ep very small black dot are contained widely but its amount is only a little (1.50-100.20m) → graphite (?) q vein: barren 22.15-22.45m aplite 35.70-36.60m mus-bi schist
20		22.15							
	× ×	22.45							
	Q	23.10							
30		35.70							
		36.60							
		<45°							
40		40.80				mus-bi schist			
		42.60							
	× ×	43.00				bi-mus-schist			same as 10.30-40.80m 42.60-43.00m pegmatite
		< 30°							
50									

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		51.60							
	Q	51.75				bi-mus schist			q veins: barren
		56.50							
	Q	56.60							
		< 35°							
60		61.80							
		65.50				mus-bi schist			biotite very rich
		65.90							
	Q	66.00							
70		< 25°							same as 10.30-40.80m q veins: barren
		<40°				bi-mus schist			
80									
90									
		93.15							
	Q	93.65							
		94.85							
	Q	95.87							
		< 25°							
100		100.20							

Apex. I -16 CORE LOG GSJ-16 S=1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.70				overburden			calcrete
		7.20				calcretized rock			white original rock: unclear. mus. schist (?)
		8.40				pegmatite			
10									dark grey-greenish grey fresh. many steep cracks. composed mainly of fs and transparent cpx by microscopic obserbation.
20									
30						dolerite			
40		41.75							
		42.40	S-94	0.65	0.564 0.000 0.004 0.0	talc-carbonate rock	talc - carb		dark green, yellowish green, red brown, greasy lustre, chl, talc, carb, ep, diop, some gt, mica Cu mineralization Bo. Cc, Cp, malachite occur as impregnated grains.
		45.00	S-95	2.60	0.162 0.000 0.007 / /				
		47.50	S-96	2.50	0.103 0.000 0.007 0.0 0				
50		49.70	S-97	2.20	0.172 0.000 0.005 / /				

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
							chl ep amp		pale brownish grey q > fs > mus. schistosity: not so clear, rather massive homogenous sandstone origin
		55.25							49.70-55.25 pale green layers of chl, ep, amp.
60						mus schist			
70		70.50							this rock is divided into 2 facies. 1) talc-carbonate facies richer in ferromagnesian minerals than carbonate. same as 41.75-49.70m. 70.50-71.40m 71.75-72.20m 73.25-75.30m 76.50-79.40m 80.50-81.50m 2) carbonate rich facies richer in carbonate than ferromagnesian minerals. red brown, pink, white carbonate: crystalline. 71.40-71.75m 72.20-73.25m 75.30-76.50m 79.40-80,50m 81.50-92.20m
80						talc-carbonate rock			
90		92.20							minerals in both facies are same, but amount is different.
						mus schist			same as 49.70-70.50m
		98.20							
		99.05				talc-carb. rock			
		99.65				mus schist			
100		100.20				talc-carb. rock			

Apex. I -17 CORE LOG GSJ - 17 S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
		1.60				overburden			dark brownish grey soil.
10						dolerite			dary grey-greenish grey fresh. many steep cracks.
20		23.10							
		24.35				aplite			basic rock remains (10%)
		29.70	S-98	5.35	0.002 0.000 0.007 / /	aplitized basic rock with skarn	cpx gt		yellowish green altered basic rock some schistosity, along which q, apl veinlets intruded. aplitization
30		30.50				basalt			phenocryst of fs: 7 mm
		32.40	S-99	1.90	0.025 0.000 0.005 / /	aplitized basic rock with skarn	cpx gt		pale greenish grey altered basic rock with strong aplitization. skarn mineral: gt, ep. diop. secondary Cu mineral, Cc, Bo, Cp (impregnated) malachite (film) Cu content 32.40-33.40m Cu=0.620% 33.40-34.80m Cu=0.110%
		33.40	S-100	1.00	0.620 0.000 0.005 0.0 0				
		34.80	S-101	1.40	0.111 0.000 0.003 / /				
40						dolerite			dark grey-greenish grey fresh. many steep cracks.
50									

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au,Ag g/t) Cu Pb Zn Au Ag	Rock name	Alteration	Mineralization	Remarks
60		61.00				dolerite			
		64.00				bi-talc-carbonate rock			green-greenish brown greasy. brown banding (biotite) altered products of basic rock (?)
		66.00	S-102	2.00	0.021 0.000 0.005 / /			py	
70		74.00				bi schist	bi		greyish brown schistosity: very clear biotite very rich bi-talc-carb alteration is weaker than bi-talc-carbonate rock.
		79.20				bi-talc-carbonate rock	ta carb		same as 61.00-66.00m
80		84.05				mus-bi schist			brownish grey same as 66.00-74.00m
	Q	84.15							q vein: barren
		88.00				bi-talc-carbonate rock			same as 61.00-66.00m
90		92.00							
		93.70				mus-bi schist			very pale greenish grey same as 64.00-74.00m
	Q	93.90							q veints: barren
		97.20							
	Q	97.30							
		98.50							
	Q	98.55							
100		100.80							

Apex. I -18 CORE LOG GSJ - 18 S = 1/200

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au, Ag g/t) Cr_2O_3 T.Fe Al_2O_3 MgO SiO_2 Pt	Rock name	Alteration	Mineralization	Remarks
		1.50				overburden			brown soil, floats of Q, chromite, serpentinite
		3.20				serpentinite			
10		< 30°				gt-bi-hb gneiss			granitic composition composed of gt, bi, hb, q, fs coarse grained color index: 10-15% gt: transparent pale brown 0.3-0.5 mm
20		< 30°							
30		< 60° < 70° 34.00							
40		< 75° 42.40				gt-bi-hb gneiss			porphyroblastic gneiss granitic composition mafic gt>bi>hb coarse grained porphyroblast: fs
		44.90				aplite			grey
		47.50				gt-bi-hb gneiss			amount of gt is less than above, color index: 30%
50		50.00				serpentinite	Serpentinization		47.50-50.00 m rich in talc 50.00-51.30 m secondary bi, act

Depth (m)	Core log	Boundary (m) Dip	Samp. No	Width (m)	Assay % (Au, Ag g/t) Cr_2O_3 T.Fe Al_2O_3 MgO SiO_2 Pt	Rock name	Alteration	Mineralization	Remarks
		< 80° 51.30					ser-act.bi		
		53.30							same as 3.20-34.00 m
		53.62							53.30-53.62 m dark green amphibole
60		< 50°							
70		< 50°				gt-bi-hb gneiss			
		77.80							
80		< 40° 81.25 81.70 89.40 85.30				bi-hb gneiss		py	dioritic composition color index: 35% 81.25-81.70m, 84.40-85.30m granitic composition 85.30m just contact
90		86.80 92.60 94.75				serpentinite	serpentinization act act		85.30-86.80m, 92.60-94.75m actinolite 86.80-92.60 m talc
100		< 60° 100.20				gt-bi-hb gneiss			same as 3.20-34.00 m

Apex. 2. Analytical data

Apex. 2-1 Analytical data on copper ore

Sample No.	Location	Sample	Assays % (Au, Ag, g/t)					Remarks
			Cu	Pb	Zn	Au	Ag	
S-1	X5.5, Y4.1	float	5.74	–	–			
S-2	X5.5, Y4.1	float	5.10	–	–			M-3 anomaly
S-3	X5.5, Y4.1	float	5.84	–	–			Floats of green copper
S-4	X5.6, Y4.16	float	5.45	0.003	0.022	0.0	3	
S-5	X4.2, Y15.3	float	0.36	–	–			NNW 1 km from GSJ-6
S-6	X2.0, Y1.02	float	8.14	0.008	0.018			Outcrop of quartzite with green copper SW of M-4 anomaly, float of green copper

Apex. 2-2. Analytical data on chromite ore

Sample No.	Location	Sampling width (m)	Assays % (Pt g/t)						Cr/Fe	Remarks
			Cr_2O_3	T. Fe	Al_2O_3	MgO	SiO_2	Pt		
S- 7	X6.12, Y23.00	float	33.5	17.8	12.2	13.7	9.7		1.3	
S- 8	X5.23, Y23.53	float	32.9	17.7	11.3	14.9	10.2		1.3	
S- 9	X5.13, Y23.90	float	36.6	16.9	13.3	13.2	7.5		1.5	
S-10	X4.90, Y23.73	float	27.8	20.8	6.7	15.9	11.9		0.9	magnetite rich
S-11	X5.02, Y23.46	float	35.9	16.9	13.2	13.5	8.0		1.5	
S-12	X4.66, Y23.31	float	32.3	19.9	10.1	13.8	8.4		1.1	
S-13	X4.67, Y23.31	float	32.1	18.8	11.8	13.3	10.0		1.2	
S-14	X4.73, Y23.25	float	18.5	22.3	7.0	17.8	16.8		0.6	magnetite rich
S-15	X5.59, Y23.99	float	33.2	16.6	13.5	15.0	10.1		1.4	
S-16	X5.61, Y23.99	float	37.0	17.7	13.5	12.3	6.6		1.4	
S-17	X6.13, Y23.85	float	37.9	18.3	13.6	11.5	5.7		1.4	
S-18	X6.13, Y23.86	float	33.0	20.1	12.2	11.7	8.4		1.1	

Sample No.	Location	Sampling width (m)	Assays % (Pt g/t)						Cr/Fe	Remarks
			Cr_2O_3	T. Fe	Al_2O_3	MgO	SiO_2	Pt		
S-19	X5.93, Y23.83	float	35.6	18.3	11.9	12.3	7.4		1.3	
S-20	X5.95, Y23.83	float	35.2	16.9	13.2	13.2	8.2		1.4	
S-21	X5.89, Y23.18	float	36.1	16.8	13.6	12.8	7.0		1.5	
S-22	X5.66, Y24.71	float	37.6	18.4	13.2	11.2	6.2		1.4	
S-23	X5.60, Y23.89	float	36.3	16.8	12.9	13.2	7.3		1.5	
S-24	X5.40, Y21.85	float	32.3	20.6	12.4	10.6	7.6		1.1	
S-25	X5.47, Y23.87	float	36.3	17.6	12.6	11.8	6.7		1.4	
S-26	X6.45, Y24.10	float	35.2	16.4	12.6	13.4	8.7		1.5	
S-27	X5.04, Y24.69	float	34.6	17.0	12.9	13.2	7.9		1.4	
S-28	X4.95, Y24.49	float	36.5	16.4	13.8	13.3	7.0		1.5	
S-29	X4.90, Y24.50	float	35.2	16.7	13.4	13.5	8.1		1.4	
S-30	X4.90, Y24.48	float	34.9	16.3	13.1	13.7	8.8		1.5	
S-31	X4.95, Y24.61	float	39.8	17.0	13.9	12.5	5.8		1.6	
S-32	X4.93, Y24.63	float	36.6	16.9	13.5	13.6	8.9		1.5	
S-33	X4.52, Y25.02	float	36.6	17.1	13.1	13.5	8.0		1.5	
S-34	X5.15, Y24.33	float	34.1	16.8	12.9	14.1	9.7		1.4	
S-35	X5.25, Y24.08	float	38.0	18.7	13.1	11.2	5.9		1.4	
S-36	X5.24, Y23.81	float	39.2	16.9	13.5	12.9	6.2		1.6	
S-37	X5.27, Y23.88	0.60	35.1	17.7	12.1	13.6	9.4		1.4	Trench 2
S-38	X5.27, Y23.88	1.50	33.9	16.9	12.2	15.3	9.9		1.4	Trench 3
S-39	X5.28, Y23.88	0.80	31.5	16.8	10.9	15.1	11.1	0.0	1.3	Trench 4
S-40	X5.29, Y23.89	0.80	35.3	19.2	13.1	11.3	7.8		1.3	Trench 6
S-41	X5.30, Y23,89	1.00	36.1	18.0	13.1	12.0	7.5		1.4	Trench 8
S-42	X5.34, Y23.92	1.40	38.4	18.1	13.0	12.2	6.5		1.5	Trench 10
S-43	X5.34, Y23.92	2.20	35.8	19.3	11.7	12.5	7.9	0.0	1.3	Trench 11

Sample No.	Location	Sampling width (m)	Assays % (Pt g/t)						Cr/Fe	Remarks
			Cr_2O_3	T.Fe	Al_2O_3	MgO	SiO_2	Pt		
S-44	X5.34, Y23.93	2.00	34.2	18.6	12.2	13.5	8.9		1.3	Trench 12
S-45	X4.67, Y23.32	1.20	32.6	18.5	12.2	13.9	9.6		1.2	Trench 14
S-46	X4.66, Y23.31	1.70	30.1	21.0	10.8	13.9	10.6		1.0	Trench 15

Apex. 2-3. Analytical data on core (Chromite)

Sample No.	No. of drill hole	Sampling width (m)	Assay % (Pt g/t)						Cr/Fe	Remarks
			Cr_2O_3	T.Fe	Al_2O_3	MgO	SiO_2	Pt		
S-47	GSJ-1	0.42	27.3	22.9	8.7	14.5	11.6		0.8	
S-48	GSJ-2	1.30	31.7	19.7	11.4	14.1	10.4	0.0	1.1	
S-49	GSJ-2	0.72	30.2	20.0	9.7	13.9	11.5	0.0	1.0	
S-50	GSJ-2	0.35	26.7	21.9	8.2	14.7	12.3		0.8	Core has strong magnetism Rich in magnetite
S-51	GSJ-2	0.23	17.0	20.0	10.8	19.3	18.0		0.6	

Apex. 2-4. Analytical data on core (Copper)

Sample No.	No. of drill hole	Sampling width (m)	Assay % (Au, Ag g/t)					Remarks
			Cu	Pb	Zn	Au	Ag	
S-52	GSJ-4	1.50	0.029	0.004	0.002			Pyrite in limestone
S-53	GSJ-6	3.00	0.039	0.000	0.007	0.0	0	Py, Cp in amphibole schist
S-54	GSJ-6	3.00	0.046	0.000	0.007	0.0	0	Py, Cp in amphibole schist
S-55	GSJ-6	3.00	0.178	0.000	0.006	0.0	0	Cp, Py in amphibole schist
S-56	GSJ-6	3.00	0.043	0.000	0.007	0.0	0	Py, Cp in amphibole schist
S-57	GSJ-6	3.00	0.029	0.000	0.006			Py, Cp in amphibole schist
S-58	GSJ-6	3.00	0.041	0.000	0.005			Py, Cp in amphibole schist
S-59	GSJ-6	3.00	0.066	0.000	0.004			Py, Cp in amphibole schist
S-60	GSJ-6	3.00	0.025	0.000	0.004			Py, Cp in amphibole schist

Sample No.	No. of drill hole	Sampling width (m)	Assay % (Au, Ag g/t)					Remarks
			Cu	Pb	Zn	Au	Ag	
S-61	GSJ-6	3.00	0.043	0.000	0.006			Py, Cp in amphibole schist
S-62	GSJ-6	3.00	0.034	0.000	0.004	0.0	0	Py, Cp in amphibole schist
S-63	GSJ-6	3.00	0.054	0.001	0.005			Py, Cp in amphibole schist
S-64	GSJ-6	3.00	0.050	0.001	0.004			Py, Cp in amphibole schist
S-65	GSJ-6	3.00	0.023	0.001	0.004			Py, Cp in amphibole schist
S-66	GSJ-6	2.70	0.023	0.001	0.006			Py, Cp in amphibole schist
S-67	GSJ-6	2.00	0.028	0.001	0.005	0.0	0	Py, Cp in amphibole schist
S-68	GSJ-6	3.30	0.045	0.002	0.005			Py, Cp in amphibole schist
S-69	GSJ-6	3.00	0.029	0.003	0.004			Py, Cp in amphibole schist
S-70	GSJ-6	3.00	0.037	0.002	0.005			Py, Cp in amphibole schist
S-71	GSJ-6	3.00	0.045	0.002	0.005			Py, Cp in amphibole schist
S-72	GSJ-6	3.00	0.036	0.002	0.007			Py, Cp in amphibole schist
S-73	GSJ-6	3.00	0.083	0.002	0.006			Py, Cp in amphibole schist
S-74	GSJ-6	3.00	0.041	0.002	0.006			Py, Cp in amphibole schist
S-75	GSJ-6	3.00	0.073	0.002	0.007			Py, Cp in amphibole schist
S-76	GSJ-6	3.00	0.052	0.001	0.007			Py, Cp in amphibole schist
S-77	GSJ-6	3.00	0.036	0.001	0.004	0.0	0	Py, Cp in amphibole schist
S-78	GSJ-6	3.00	0.228	0.001	0.006			Cp, Py in amphibole schist
S-79	GSJ-6	4.50	0.063	0.001	0.007			Py, Cp in amphibole schist
S-80	GSJ-9	5.40	0.113	0.000	0.006			Cp, Py in amphibole shcist
S-81	GSJ-9	7.00	0.059	—	—			Py, Cp in amphibole schist
S-82	GSJ-11	5.40	0.006	0.000	0.067			
S-83	GSJ-11	1.70	0.022	—	—	0.0	0	Native Copper
S-84	GSJ-11	0.75	0.050	—	—			
S-85	GSJ-14	5.65	0.002	0.000	0.002	0.0	0	Pyrit impregnation

Sample No.	No. of drill hole	Sampling width (m)	Assay % (Au. Ag g/t)					Remarks
			Cu	Pb	Zn	Au	Ag	
S-86	GSJ-14	5.00	0.010	–	–			Pyrite impregnation
S-87	GSJ-14	5.00	0.004	0.000	0.003			Pyrite impregnation
S-88	GSJ-14	5.00	0.004	–	–			Pyrite impregnation
S-89	GAJ-14	5.00	0.004	0.000	0.002	0.0	0	Pyrite impregnation
S-90	GSJ-14	5.00	0.002	–	–			Pyrite impregnation
S-91	GSJ-14	5.00	0.002	0.000	0.005			Pyrite impregnation
S-92	GSJ-14	5.00	0.001	–	–			Pyrite impregnation
S-93	GSJ-14	5.00	0.008	0.000	0.003	0.0	0	Pyrite impregnation
S-94	GSJ-16	0.65	0.564	0.000	0.004	0.0	1	Secondary copper ore
S-95	GSJ-16	2.60	0.162	0.000	0.007			Secondary copper ore
S-96	GSJ-16	2.50	0.103	0.000	0.007	0.0	0	Secondary copper ore
S-97	GSJ-16	2.20	0.172	0.000	0.005			Secondary copper ore
S-98	GSJ-17	5.35	0.002	0.000	0.007			Secondary copper ore
S-99	GSJ-17	1.90	0.025	0.000	0.005			Secondary copper ore
S-100	GSJ-17	1.00	0.620	0.000	0.005	0.0	0	Secondary copper ore
S-101	GSJ-17	1.40	0.111	0.000	0.003			Secondary copper ore
S-102	GSJ-17	2.00	0.021	0.000	0.005			Secondary copper ore

Apex. 2-5. Analytical data on core (Graphite)

Sample No.	No. of drill hole	Sampling width (m)	Assay %					Remarks
			Fixed carbon	Volatile material	Ash	Moisture	Fe_2O_3	
103	GSJ-10	0.05	66.8	7.3	24.8	1.1	5.86	Flake graphite Best quality at all

Apex. 3. Analytical data (Soil)

Sample No.	Location	Assay PPM			Sample No.	Location	Assay PPM		
		Cu	Pb	Zn			Cu	Pb	Zn
1	X1.01, Y1.02	106	3	46	25	X1.08, Y7.08	79	4	43
2	X1.00, Y1.25	79	4	43	26	X1.42, Y1.02	114	3	45
3	X1.00, Y1.50	65	4	38	27	X1.42, &1.23	64	4	39
4	X1.00, Y1.75	82	6	57	28	X1.42, Y1.50	36	5	36
5	X1.00, Y2.00	62	5	44	29	X1.44, Y1.75	109	11	84
6	X1.00, Y2.25	92	6	58	30	X1.45, Y2.00	42	4	47
7	X1.00, Y2.50	52	4	54	31	X1.45, Y2.20	73	6	56
8	X1.00, Y2.75	45	6	40	32	X1.50, Y2.44	56	6	61
9	X1.00, Y3.00	45	8	58	33	X1.52, Y2.76	66	5	58
10	X1.00, Y3.27	59	4	52	34	X1.52, Y3.00	59	6	44
11	X1.00, Y3.53	56	5	63	35	X1.53, Y3.17	81	9	80
12	X1.00, Y3.77	89	6	65	36	X1.53, Y3.44	48	7	57
13	X1.00, Y4.02	61	9	68	37	X1.52, Y3.72	77	5	54
14	X1.00, Y4.30	36	4	48	38	X1.53, Y4.00	50	5	49
15	X1.00, Y4.55	51	4	55	39	X1.51, Y4.22	26	5	48
16	X1.00, Y4.79	66	5	51	40	X1.51, Y4.60	40	5	46
17	X1.01, Y5.07	104	5	40	41	X1.51, Y4.95	55	5	47
18	X1.01, Y5.31	61	8	57	42	X1.50, Y5.25	24	4	41
19	X1.01, Y5.60	32	4	34	43	X1.50, Y5.50	59	7	51
20	X1.01, Y5.87	79	9	48	44	X1.51, Y5.75	61	7	42
21	X1.02, Y6.15	76	7	42	45	X1.51, Y6.00	54	5	43
22	X1.03, Y6.40	46	6	38	46	X1.51, Y6.27	69	7	47
23	X1.05, Y6.74	42	5	33	47	X1.52, Y6.51	53	5	37
24	X1.06, Y6.85	60	4	3' 37	48	X1.52, Y6.77	41	5	36

Sample No.	Location	Assay PPM			Sample No.	Location	Assay PPM		
		Cu	Pb	Zn			Cu	Pb	Zn
49	X1.52, Y7.00	55	5	42	74	X2.07, Y7.10	41	7	33
50	X2.00, Y1.00	35	4	33	75	X2.55, Y1.00	33	5	33
51	X2.00, Y1.25	83	4	36	76	X2.55, Y1.25	74	8	54
52	X2.00, Y1.48	78	12	68	77	X2.55, Y1.50	62	8	55
53	X2.00, Y1.77	77	10	70	78	X2.55, Y1.76	74	9	73
54	X2.00, Y2.05	78	10	63	79	X2.55, Y2.00	90	15	127
55	X2.00, Y2.25	82	6	64	80	X2.55, Y2.25	66	6	61
56	X2.00, Y2.52	54	5	55	81	X2.55, Y2.48	39	6	57
57	X2.00, Y2.75	45	7	61	82	X2.56, Y2.72	40	6	47
58	X2.01, Y3.01	53	6	49	83	X2.60, Y2.95	33	7	46
59	X2.01, Y3.25	423	8	51	84	X2.55, Y3.00	59	9	61
60	X2.01, Y3.50	50	8	57	85	X2.53, Y3.25	70	8	62
61	X2.01, Y3.75	54	5	46	86	X2.53, Y3.50	52	8	50
62	X2.01, Y4.00	27	5	50	87	X2.53, Y3.75	29	7	42
63	X2.01, Y4.26	20	5	50	88	X2.00, Y3.95	18	6	43
64	X2.03, Y4.51	20	5	41	89	X2.50, Y4.00	20	4	42
65	X2.03, Y4.76	43	7	42	90	X2.48, Y4.25	16	4	36
66	X2.03, Y5.02	49	6	33	91	X2.48, Y4.50	25	5	38
67	X2.03, Y5.30	50	4	38	92	X2.48, Y4.75	42	4	31
68	X2.03, Y5.55	76	6	46	93	X2.50, Y5.00	18	4	25
69	X2.03, Y5.78	34	5	37	94	X2.50, Y5.25	56	4	38
70	X2.04, Y6.07	89	8	47	95	X2.50, Y5.50	47	4	37
71	X2.05, Y6.28	65	5	40	96	X2.50, Y5.75	55	4	40
72	X2.05, Y6.54	52	7	38	97	X2.50, Y6.00	99	9	50
73	X2.06, Y6.80	38	5	33	98	X2.50, Y6.25	74	6	44

Sample No.	Location	Assay PPM			Sample No.	Location	Assay PPM		
		Cu	Pb	Zn			Cu	Pb	Zn
99	X2.50, Y6.50	68	10	41	124	M-3 anomaly	9	5	17
100	X2.50, Y6.75	61	6	38	125	M-3 anomaly	15	5	22
101	X2.50, Y7.00	40	6	35	126	M-3 anomaly	74	7	40
102	M-3 anomaly	69	5	45	127	M-3 anomaly	53	4	37
103	M-3 anomaly	338	6	40	128	M-3 anomaly	37	5	27
104	M-3 anomaly	51	8	24	129	M-3 anomaly	27	4	33
105	M-3 anomaly	705	6	33	130	M-3 anomaly	23	11	24
106	M-3 anomaly	182	5	32	131	M-3 anomaly	20	5	25
107	M-3 anomaly	24	5	26	132	M-3 anomaly	16	5	23
108	M-3 anomaly	36	7	28	133	M-3 anomaly	51	10	36
109	M-3 anomaly	48	8	31	134	M-3 anomaly	57	10	37
110	M-3 anomaly	53	8	30	135	M-3 anomaly	34	7	27
111	M-3 anomaly	47	6	33	136	M-3 anomaly	25	6	23
112	M-3 anomaly	42	6	30	137	M-3 anomaly	25	5	22
113	M-3 anomaly	35	5	25	138	M-3 anomaly	25	6	19
114	M-3 anomaly	29	5	23	139	M-3 anomaly	17	5	18
115	M-3 anomaly	41	5	27	140	M-3 anomaly	22	4	31
116	M-3 anomaly	17	5	13	141	M-3 anomaly	66	4	34
117	M-3 anomaly	16	5	11	142	M-3 anomaly	222	4	40
118	M-3 anomaly	12	5	10	143	M-3 anomaly	64	4	42
119	M-3 anomaly	19	5	27	144	M-3 anomaly	1,060	12	37
120	M-3 anomaly	47	5	34	145	M-3 anomaly	57	7	29
121	M-3 anomaly	48	4	31	146	M-3 anomaly	61	5	34
122	M-3 anomaly	16	5	30	147	M-3 anomaly	89	4	30
123	M-3 anomaly	11	5	23	148	M-3 anomaly	61	4	25

Sample No.	Location	Assay PPM			Sample No.	Location	Assay PPM		
		Cu	Pb	Zn			Cu	Pb	Zn
149	M-3 anomaly	22	4	25	167	M-3 anomaly	40	5	27
150	M-3 anomaly	29	6	26	168	M-3 anomaly	22	7	22
151	M-3 anomaly	15	5	32	169	M-3 anomaly	47	6	31
152	M-3 anomaly	15	4	21	170	M-3 anomaly	62	7	38
153	M-3 anomaly	27	4	32	171	M-3 anomaly	62	8	36
154	M-3 anomaly	65	5	36	172	M-3 anomaly	75	9	39
155	M-3 anomaly	51	6	36	173	M-3 anomaly	71	8	41
156	M-3 anomaly	68	3	34	174	M-3 anomaly	69	7	42
157	M-3 anomaly	45	4	30	175	M-3 anomaly	61	9	41
158	M-3 anomaly	46	6	35	176	M-3 anomaly	68	8	49
159	M-3 anomaly	43	5	33	177	M-3 anomaly	67	8	47
160	M-3 anomaly	40	6	31	178	M-3 anomaly	80	8	50
161	M-3 anomaly	37	7	30	179	M-3 anomaly	81	8	49
162	M-3 anomaly	53	8	35	180	M-3 anomaly	82	9	52
163	M-3 anomaly	51	9	34	181	M-3 anomaly	73	8	50
164	M-3 anomaly	40	6	28	182	M-3 anomaly	86	9	52
165	M-3 anomaly	35	8	24	183	M-3 anomaly	100	9	57
166	M-3 anomaly	33	9	25					

Apex. 4. List of Microscopic Observation (Thin Section)

A-1 – A-40 : Geological sample
A-41 – A-74 : Drilling core sample

Abbreviation:

Mineral:

q	quartz	si	siderite
kf	potash feldspar	ep	epidote
pl	plagioclase	chl	chlorite
mus	muscovite	tour	tourmaline
bi	biotite	ser	sericite
hb	hornblende	serp	serpentine
act	actinolite	gt	garnet
hyp	hyperthene	lm	limonite
cpx	clinopyroxene	rt	rutile
op	opaque mineral	hm	hematite
mt	magnetite	ta	talc
chr	chromite	py	pyrite
ap	apatite	cha	chalcedony
zr	zircon	mal	malachite
sph	sphene	ol	olivine
ca	calcite	gr	graphite
do	dolomite	leu	leucoxene

Texture:

holo	holocrystalline	sac	saccharoidal
gran	granular	crypto	cryptocrystalline
sch	schistose	porb	porphyroblastic
gne	gneissose	oph	ophitic
mos	mosaic		

Symbol:

•	abundant	△	rare
○	common	×	very rare

A: Matsitama schist and metasedimentary group (upper, lower)
B: Mosetse river gneiss group (upper, lower)
U: Upper
L: Lower

Apex. 4-1 List of microscopic observation (Thin section -- geological sample)

Sample				Rock	Mineral																																		Texture	Geology	Note
No.	Location X	Location Y	Kind, place		q	kf	pl	mus	bi	hb	act	hyp	cpx	mt op.	chr	ap	zr	sph	ca	do	si	ep	chl	mont	ser	serp	gar	lm	rt	hm	ta	py	leu	cha	mal	ol	gr			
A-1	5.50	23.95	float	amphibole schist							●			△															×										sch	B(U)	
2	5.00	23.62	outcrop	serpentinite										○											●						×									B(U)	
3	5.20	24.38	float	bi-hb gneiss	●		●		△	△								△				△																gne porb	B(U)	
4	6.50	23.25	float	calcrete	○		○												●			×																	B(L)	
5	6.40	23.86	float	serpentinite										○												●		△			×								B(U)	
6	5.30	23.74	float	serpentinite										●												●					×								B(U)	Polished section B-2
7	5.40	24.67	float	hb-gn (?)	●					●								△	●			△																	B(U)	Gn or alteration product of calcareous sediment
8	6.30	24.02	float	serpentinite										○									×			●		△			×								B(U)	
9	6.20	24.42	float	serpentinite														×					●						×		×								B(U)	
10	6.10	24.98	float	serpentinite										●									○			●					×								B(U)	
11	4.88	24.52	float	syenite		●	○			△						×		×				×																holo	B(U)	
12	8.41	2.41	float	mus schist	●		○	●										×																				sch	A(U)	
13	8.41	2.41	float	q schist	●			×										×																				sch	A(U)	
14	5.54	4.08	float	calcareous q schist	○														●									○							○				A(U)	
15	5.55	4.13	float	q schist	●		△	×						△																			×					sch	A(U)	
16	5.58	4.16	float	mus-bi-chl schist	○			△	○													●					△								△			sch	A(U)	
17	4.99	3.64	float	tour-q schist	●																	×		●			△	×										sch	A(U)	
18	4.73	2.91	float	fs quartzite	●	△	●																																	A(U)	Cu 5.84% S-3, B-6
19	3.50	4.02	outcrop	calcareous q schist	●		△									×			●				△						×									sch	A(U)	Cu 5.45 S-4, B-7
20	6.64	8.52	float	chl schist										△		×		○					●						△									sch	A(L)	
21	5.00	9.50	float	amphibole schist	△		×			●												○							×									sch	A(L)	
22	4.81	10.44	float	calcareous schist	△			×											●																				sac	A(L)	
23	5.05	10.60	float	graphite schist	○			○															△				△										●		A(L)	
24	5.03	10.68	float	calcrete	○			×											●																					A(L)	
25	2.52	11.70	outcrop	limestone										×					●																				crypto	A(L)	
26	3.33	14.20	float	amphibole schist	△				×	●				△		×						●							×									sch	A(L)	
27	4.08	14.71	float	black schist	○			△											×				△						×									sch	A(L)	
28	3.00	14.70	float	q-chl schist	○			△															●						×									sch	A(L)	
29	8.40	2.40	trench	altered basic rock	●		●	△															△																	A(U)	Sample from trench
30	8.40	2.40	trench	altered basic rock	△		△				△								●				●								○									A(U)	Sample from trench
31	4.60	23.29	float	serpentinite										△												●		×			×									B(L)	
32	2.00	1.20	float	amphibole schist	△		○		●					×								●												△				sch	A(U)	
33	2.50	1.00	float	amphibolite	△		○		●					△								×	×																	A(U)	
34	2.50	5.80	float	fs quartzite	●		△												△										×										A(U)	
35	2.50	5.35	float	amphibolite	○		△			●									△			△												×					A(U)	
36	1.50	5.35	float	calcareous schist	△		×			△							×		●										×									sch	A(U)	
37	1.50	4.10	float	actinolite schist	△		×				●			△								×		○										×				sch	A(U)	
38	1.50	4.06	float	amphibolite	○		△			●												△												△					A(U)	
39	11.30	18.00	float	quartzite	●		×	×						△																								mosaic	B(U)	
40	11.10	17.85	float	quartzite	●			×								×												×										mosaic	B(U)	

Apex. 4-2 List of microscopic observation (Thin section of drilling core sample)

Sample			Rock	Mineral																																		Texture	Geology	Note
No.	Drill hole	Sampling depth (m)		q	kf	pl	mus	bi	hb	act	hyp	cpx	mt op	chr	ap	zr	sph	ca	do	si	ep	chl	tour	ser	serp	gt	lm	rt	hm	ta	py	leu	cha	mal	ol	qr			
A-41	GSJ-1	51.50	tourmaline			△		△					△								×	△	●				×												B(U)	
42	GSJ-2	20.75	chromite											●											○					△									B(U)	Cr_2O_3 31.70% S-48, B-14
43	GSJ-2	38.40	chromite											●				×							○			×		△									B(U)	Cr_2O_3 26.70% S-50, B-15
44	GSJ-2	67.15	hb gneiss	△		●			○						×						×	×		△				×										gne, porb	B(U)	
45	GSJ-2	100.20	serpentinite					○					△		△										●			△		△									B(U)	
46	GSJ-3	20.40	hb gneiss	○		●			●						△						△					△	×	×											gne	B(U)	
47	GSJ-3	33.00	serpentinite										△					○							●					×					△				B(U)	Peridotite origin
48	GSJ-3	46.40	serpentinite										△					○							●					●					○				B(U)	Peridotite origin
49	GSJ-3	55.75	hb gneiss	●		●		△	○				×		△	△						×		×			△											gne	B(U)	
50	GSJ-4	34.45	bi schist	●		×		●							×								×			×												sch		Porphyroblast: garnet
51	GSJ-4	38.55	bi schist	●		×		●							×			×					×			△	×											sch	B(U)	
52	GSJ-4	91.00	bi gneiss	●		○		○							△	×						×		×														gne	B(U)	
53	GSJ-6	47.55	amphibole schist			×		●					×					×			△		×															sch	A(L)	B-16,
54	GSJ-7	42.90	graphite schist	○									●			×	×					×					×												A(L)	
55	GSJ-7	78.55	graphite schist	△			●	△					●									△					△	×											A(L)	
56	GSJ-8	52.90	basalt			●						●	○									○																	oph	A(L)	
57	GSJ-10	53.75	graphite schist	○			×						●					△									×									●		sch	A(L)	fixed carbon 66.8%, S-103, B-19
58	GSJ-11	34.80	bi-q schist	●				○					△		×	×							×					×										sch	A(U)	B-20
59	GSJ-12	66.00	mus-bi-chl schist	○			○	●					△			×		△				○	×															sch	A(U)	
60	GSJ-13	29.30	mus-bi schist	●		△	△	●					△		×	×		×				△	×					×										sch	A(U)	
61	GSJ-13	84.50	bi-mus schist	●		△	○	△					△					△										×										sch	A(U)	
62	GSJ-14	46.50	mus-bi schist				○	●					△								×	△	×					×										sch	A(U)	
63	GSJ-14	63.00	mus-q schist	●		×	○								×			×										×		△								sch	A(U)	Pyrite impregnation, B-22
64	GSJ-15	24.00	bi-act schist			△		●		●			△			×		△			×						×	×										sch	A(U)	
65	GSJ-15	38.00	bi-mus schist	●			●	●					△		×	×						△	×															sch	A(U)	
66	GSJ-16	27.50	dolerite	×		△		×	×			●	△		×			×				△								△								oph	A(U)	
67	GSJ-16	41.75	skarn									●	×					△				△								△									A(U)	after basic rock, Cu 0.564%, S-94, B-23
68	GSJ-16	66.00	bi-mus schist	●			○	△		anth △			△			×							×					×										sch	A(U)	anth: anthophyllite
69	GSJ-16	80.70	talc-carbonate rock															●				○								●		×							A(U)	
70	GSJ-16	90.85	talc-carbonate rock										×					●									×			○									A(U)	
71	GSJ-17	32.70	skarn					×				●			×			×				△				●													A(U)	skarn by aplitization of altered basic rock Cu 0.620 S-100, B-23
72	GSJ-17	65.00	talc-carbonate rock					△					△					●				○								○									A(U)	
73	GSJ-17	96.50	bi-mus schist	●			○	△							×							△								△		×					sch	A(U)	
74	GSJ-18	61.00	gt-bi-hb gneiss	○		●		△	○				△			×										△		×										gne	B(L)	

Apex. 5-1. List of Microscopic Observation (Polished Section – Geological Sample)

Sample No.	Location		Sample	Name	Description	Note
	X	Y				
B-1	4.90	23.73	Float	Chromite	Grain size 0.3–0.6 mm (range 0.03–1.0 mm). Reflectivity and iron content of the outer part of chromite is higher than those of the inner part. Sample has some magnetism.	Cr_2O_3 27.8% S-10
B-2	5.40	24.67	Float	Magnetite in serpentinite	mt grains (0.05–0.6 mm) fills the space of olivine (now chlorite). Periphery of mt is replaced by hm.	A-6
B-3	4.99	24.55	Float	mt-hm quartzite	hm > mt. mt : 0.1 mm, mt is replaced by hm.	
B-4	4.90	24.48	Float	Chromite	Grain size 0.2–0.4 mm (0.04–0.6 mm). Ore is crushed.	Cr_2O_3 34.9% S-30
B-5	5.50	4.10	Float	Green copper	Malachite and thin film of cc in schist	Cu 5.74% S-1
B-6	5.50	4.10	Float	Green copper	Malachite and cc fill the space of grains of schist.	Cu 5.84% A-14
B-7	5.60	4.16	Float	Green copper	Malachite and cc fill the space of grains of schist. cc : besides above, it show veinlet form.	A-16
B-8	2.00	1.02	Float	Green copper	Malachite and cc fill the space of grains of schist. cc : besides above, it show veinlet form.	Cu 8.14% S-6
B-9	1.50	3.65	Float	Green copper	Goethite ⩾ cc	
B-10	5.27	23.88	Trench (T-3)	Chromite	Grain size 0.1–0.4 mm (0.04–0.6 mm).	Cr_2O_3 33.9% S-38
B-11	5.34	23.92	Trench (T-11)	Chromite	Grain size 0.1–0.3 mm (0.02–0.6 mm).	Cr_2O_3 35.8% S-43
B-12	4.66	23.31	Trench (T-15)	Chromite	Grain size 0.15 mm (0.02–0.6 mm).	Cr_2O_3 30.1% S-46

Abbreviation of term is same as that of Apex. 4.

Apex. 5-2. List of Microscopic Observation (Polished Section – Drilling Core Sample)

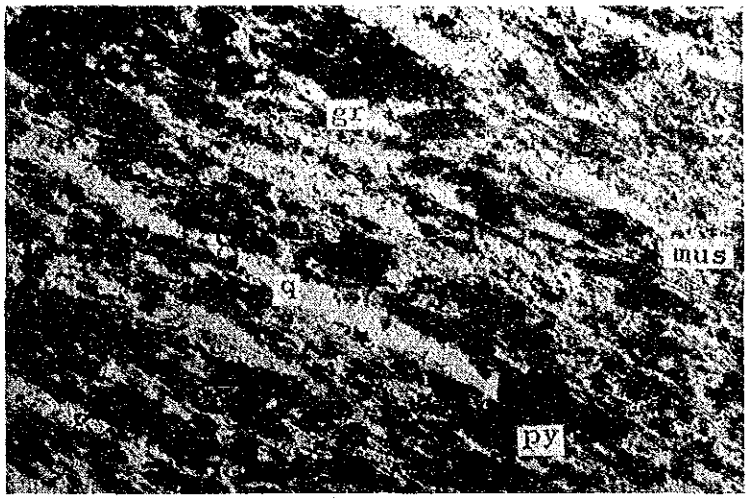
Sample No.	No. of drill hole	Depth (m)	Name	Description	Note
B-13	GSJ-1	13.20	Chromite	Grain size 0.3–0.6 mm (range 0.03–1.0 mm). Reflectivity and iron content of the outer part of chromite is higher than those of the inner part. Sample has some magnetism.	Cr_2O_3 27.3% S-47, A-42
B-14	GSJ-2	20.75	Chromite	Grain size 0.2–0.6 mm (0.04–0.8 mm). Chromite has not pleochroism, but has weak strange anisotropism (?).	Cr_2O_3 31.7% S-48, A-43
B-15	GSJ-2	38.40	Chromite	Grain size 0.2–0.6 mm (0.04–0.8 mm). Chromite has not pleochroism, but has weak strange anisotropism (?).	Cr_2O_3 26.7% S-50
B-16	GJS-6	47.55	Copper ore (amp schist)	cp ≫ py > hm, cc. cp 15 mm, py, hm cc in cp. py : euhedral grain or veinlet, cc 0.04–0.2 mm.	A-53
B-17	GSJ-6	55.80	Copper ore (amp schist)	hm > cp > py, hm : thin lamellar, radiated, L = 2 mm, cp : 0.1–0.4 mm, py : euhedral 0.3–0.7 mm.	
B-18	GSJ-6	82.80	Copper ore (amp schist)	hm ≫ cc, hm : 0.01–0.04 mm, impregnated in amphibole schist. cc is very small grain and is contained in hm.	
B-19	GSJ-10	53.75	Graphite (graphite schist)	Small grain of hm (0.01–0.3 mm) is contained in graphite schist. This graphite isn't polished smooth for identification.	Fixed carbon 66.8% S-103, A-57
B-20	GSJ-11	34.80	mus-bi-q schist	hm (0.03–0.3 mm) is destributed widely in this schist.	A-58
B-21	GSJ-11	79.65	Native copper (amp schist)	Native copper, hm in schist, native copper: fills the space of grain, 0.01–0.2 mm, hm : 0.002–1 mm.	
B-22	GSJ-14	63.00	Pyrite (mus-q schist)	py and hm : impregnated along schistosity. py ≫ hm, py : 0.02–3 mm, hm : 0.02 mm.	A-63
B-23	GSJ-16	41.75	Copper ore (talc-carbonate)	cc ≫ bo, cc : 0.02–0.4 mm, bo : 0.01 mm, in cc.	Cu 0.564% S-94, A-67
B-24	GSJ-17	32.70	Copper ore (skarn)	cc : 0.05–0.15 mm, many small grains of cc fill the space of skarn minerals.	Cu 0.620% S-100, A-71

Apex. 6. Microphotographs

Apex. 6-1 – 6-8 : Thin Section
Apex. 6-9 – 6-15 : Polished Section

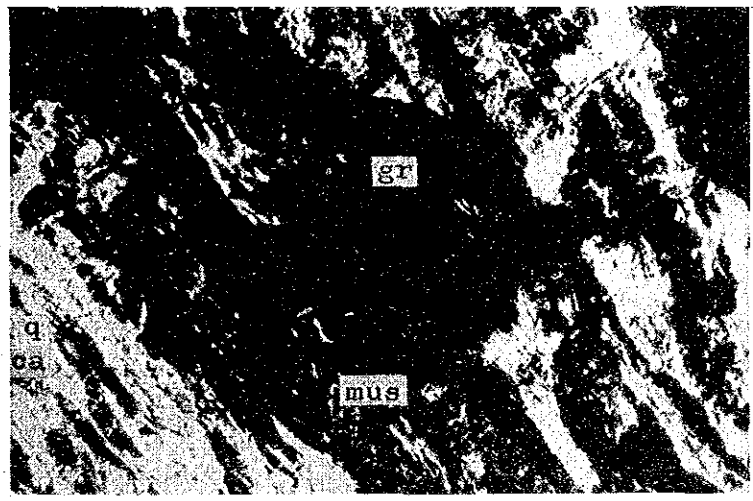
Abbreviation:

q	quartz	gt	garnet
pl	plagioclase	chl	chlorite
bi	biotite	serp	serpentine
mus	muscovite	ta	talc
gr	graphite	chr	chromite
sph	sphene	hm	hematite
hb	hornblende	mt	magnetite
cpx	clinopyroxene	py	pyrite
ol	olivine	cp	chalcopyrite
ca	carbonate	bo	bornite
ep	epidote	cc	chalcocite



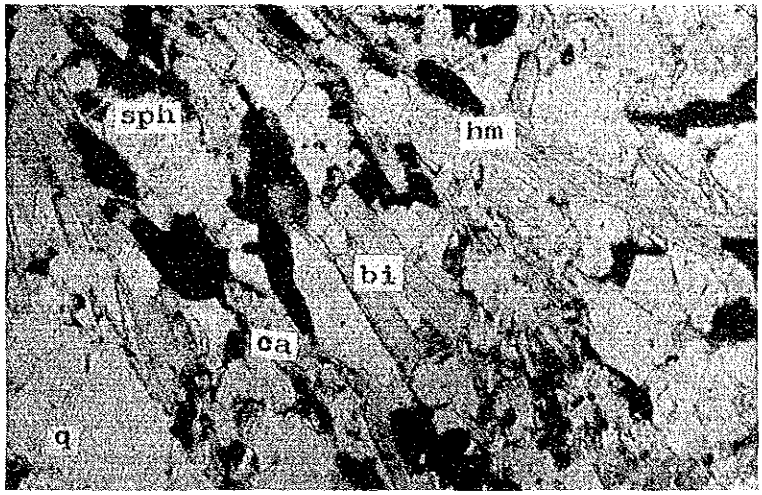
0 0.1 0.2 mm Open nicol

Apex. 6-1. A-55 (GSJ-7, 78.55 m)
Graphite Schist



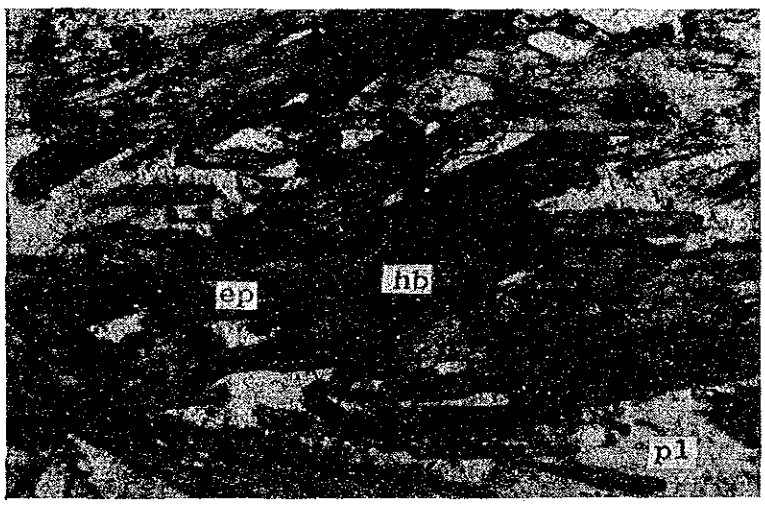
0 0.1 0.2 mm Open nicol

Apex. 6-2. A-57 (GSJ-10, 53.75 m)
Graphite Schist



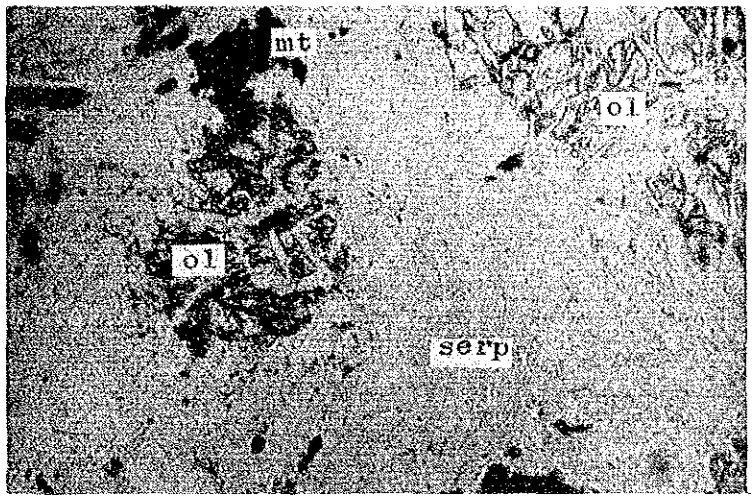
0 0.1 0.2 mm Open nicol

Apex. 6-3. **A-58 (GSJ-11, 34.80 m)**
Biotite-quartz Schist



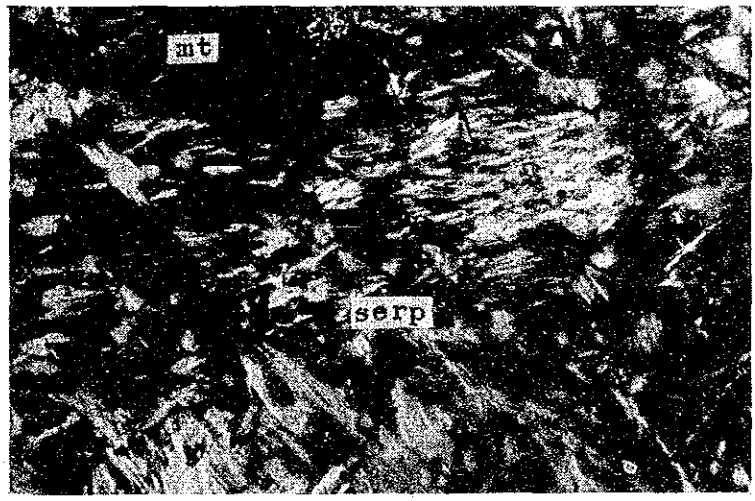
0 0.1 0.2 mm Open nicol

Apex. 6-4. **A-53 (GSJ-6, 47.55 m)**
Amphibole Schist



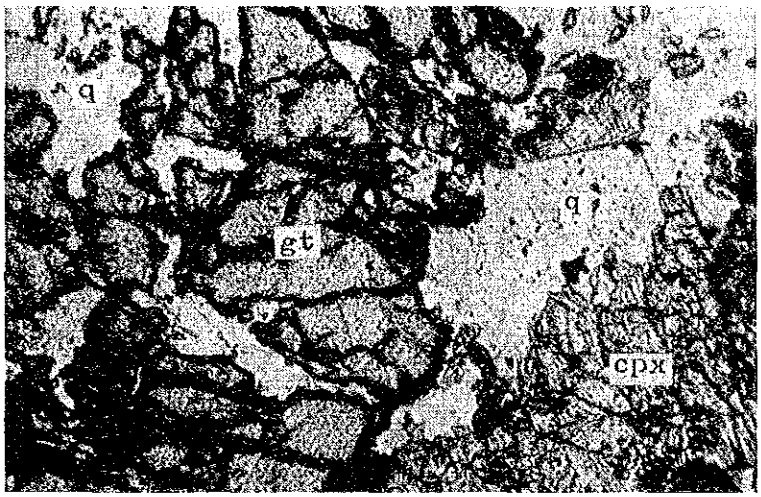
0 0.1 0.2 mm Open nicol

Apex. 6-5. A-47 (GSJ-3, 33.00 m)
Serpentinite (peridotite)



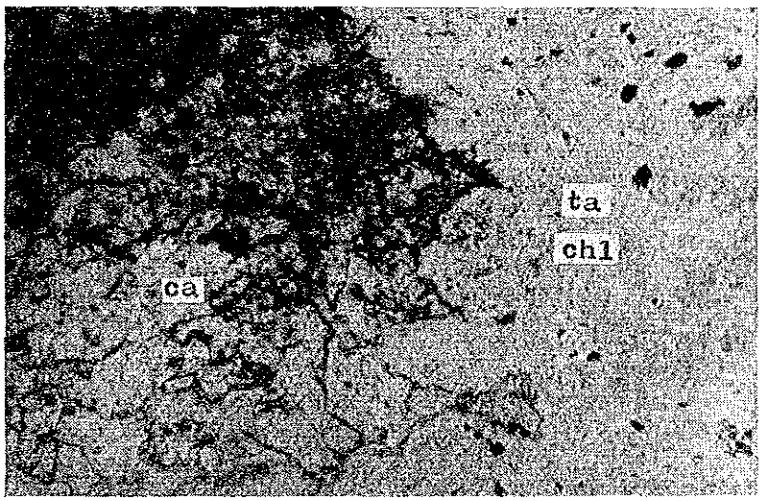
0 0.1 0.2 mm Crossed nicol

Apex. 6-6. A-2 (X5,00, Y23.62)
Serpentinite



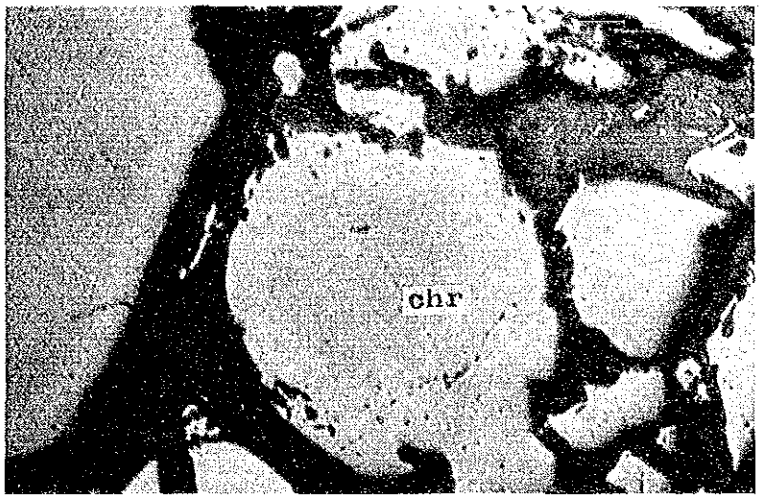
0 0.1 0.2 mm Open nicol

Apex. 6-7. A-71 (GSJ-17, 32.70 m)
Skarn



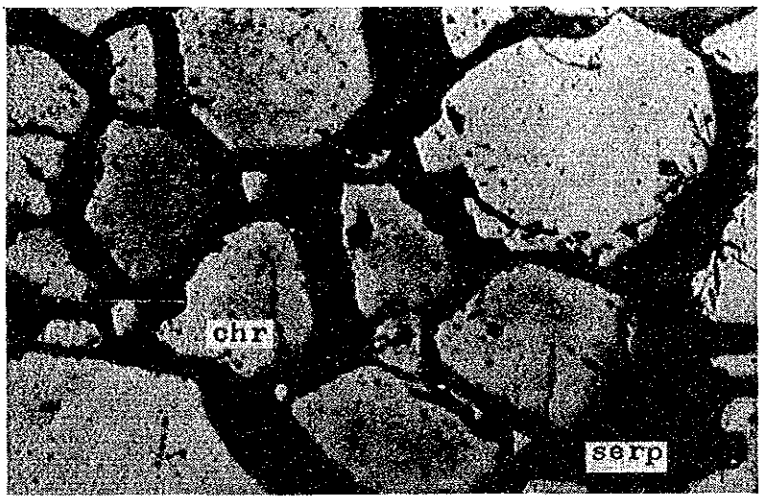
0 0.1 0.2 mm Open nicol

Apex. 6-8. A-72 (GSJ-17, 65.00 m)
Talc-carbonate Rock



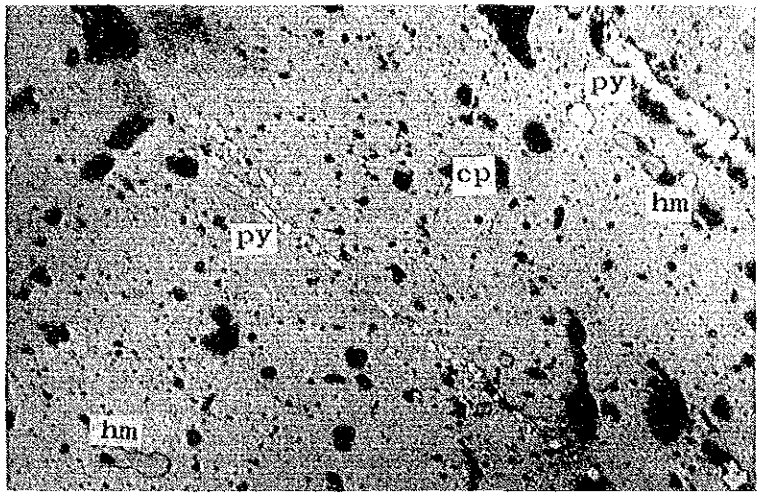
0 0.1 0.2 mm Open nicol

Apex. 6-9. B-1 (X4.90, Y23.73)
Chromite



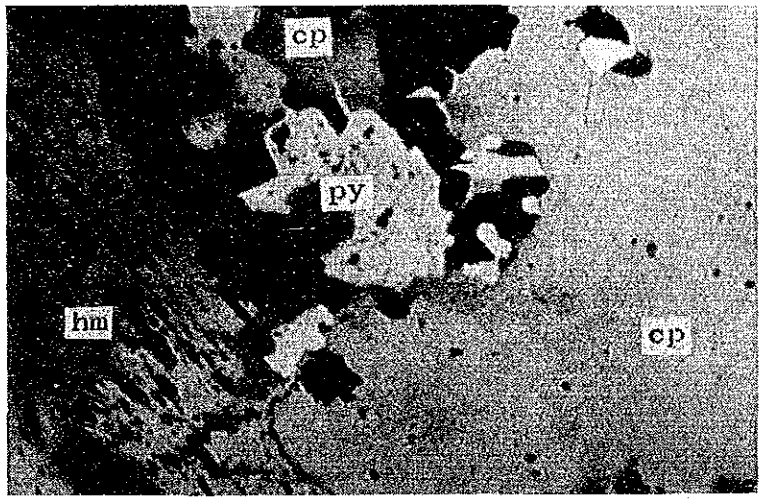
0 0.1 0.2 mm Open nicol

Apex. 6-10. B-14 (GSJ-2, 20.75 m)
Chromite



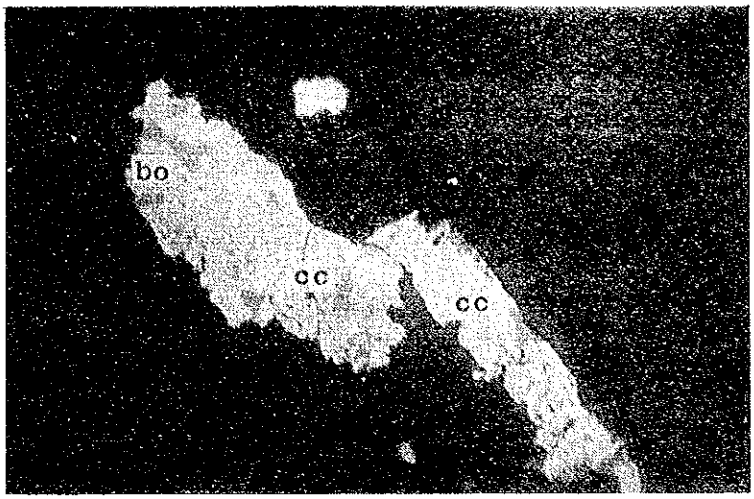
0 0.1 0.2 mm Open nicol

Apex. 6-11. B-16 (GSJ-6, 47.55 m)
Copper Mineral in Amphibole Schist



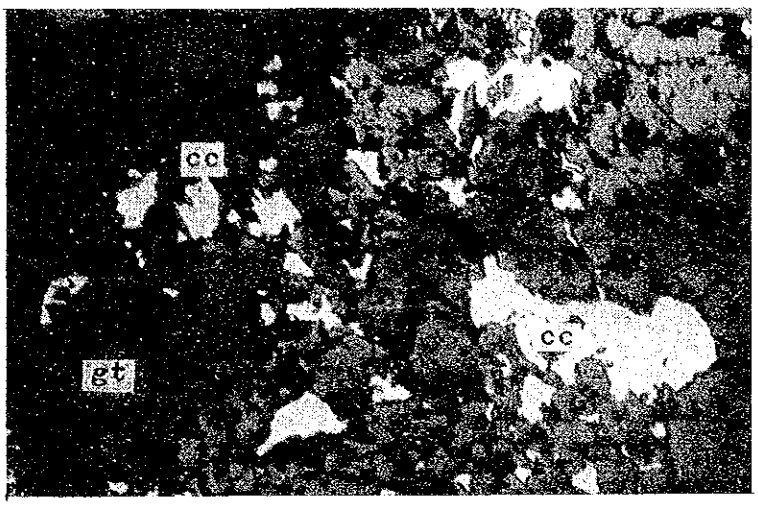
0 0.1 0.2 mm Open nicol

Apex. 6-12. B-17 (GSJ-6, 55.80 m)
Copper Mineral in Amphibole Schist



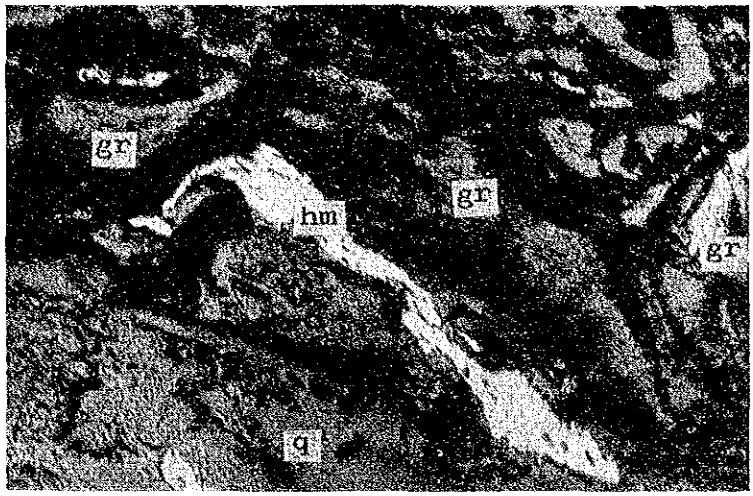
0 0.1 0.2 mm Open nicol

Apex. 6-13. B-23 (GSJ-16, 41.75 m)
Copper Minerals in Skarn



0 0.1 0.2 mm Open nicol

Apex. 6-14. B-24 (GSJ-17, 32.70 m)
Copper Mineral in Skarn



0 0.1 0.2 mm Open nicol

Apex. 6-15. B-19 (GSJ-10, 53.75 m)
Graphite in Graphite Schist