

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.00 to 16.00m	(OB)							
16.00m to 30.12m	(BELT (A)) Rhyolite			30% Amyllite bands between 16.00m + 20.70m; Diorite between 27.11 + 28.07m.			16.00 to 20.70m; 3-5% pyv 20.70 to 27.11m; 3% pyv 27.11 to 28.07m; — 28.07 to 30.12m; <1% pyv	
30.12 m to 41.37m	(Gabbro)							
41.37m to 49.68m	Rhyolite (BELT (A))			Fault between 41.37 + 42.07m 43.35 + 43.75m.			41.37 to 49.68m; 3-5% pyv	
49.68m to 51.69m	Diorite (LT)						4% pyv; tr cp, sp.	Possible Feldspar Paraphyry
51.69m to 72.20m	Rhyolite (LT)				Cut at 59.80m; 55°		1-2% pyv	
72.20m to 74.25m	Phyodacite (BELT (A))						72.20 to 72.52m; <1% pyv 72.52 to 73.25m; 3-5% pyv 73.25 to 74.25m; 5% pyv	
74.25m to 87.50m	Diorite (BELT (A))			Fault 86.00m to 87.50m	Cut at 77.80m; 51°		74.25 to 78.32m; 3-5% pyv 78.32 to 79.64m; 5% pyv 79.64 to 81.30m; 3-5% pyv 81.30 to 81.45m; 5% pyv 81.45 to 87.50m; 3-5% pyv	
87.50m to 108.18m	Andesite? (LT)			Fault 87.50 to 87.70m 103.00 to 103.70	Cut at 90.76m; 50° 99.90m; 51° 104.50m 53°		87.50 to 95.52m; 3-5% pyv 95.52 to 103.70m; 1-2% pyv 103.70 to 108.18m; 1% pyv	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
108.18m to 125.67m	<Gabbro>							
125.67m to 144.85m	Andesite? <LT>			Fault 125.67 + 128.67m	CAB at 132.00m; 57°		125.67m to 144.61m; 1-2% pyrr 144.61m to 146.15m; 3-5% pyrr 146.15m to 151.00m; 1% pyrr 151.00m to 154.85m; 3-5% pyrr	
154.85m to 155.37m	<Argillite>							
155.37m to 163.15m	Andesite? <LT>						155.37 to 161.98m; 3-5% pyrr 161.98 to 163.15m; 10% pyrr	
163.15m to 169.55m	Rhyolite <WT>						163.15m to 165.15m; 5% pyrr 165.15m to 169.55m; 2-3% pyrr	
169.55m to 177.69m	Rhyolite <QELT (IA)>						169.55m to 177.69m; 5% pyrr	
177.69m to 189.29m	Andesite? <LT>			Fault 184.70 to 185.23m			2-3% pyrr	
189.29m to 190.80m	<Argillite>				CAB at 189.44m; 45°		7% pyrr	
190.80m to 191.80m	Andesite <LT>?						2-3% pyrr	
191.80m to 193.20m	Andesite <LaT>						2% pyrr	
193.20m to 193.56m	Andesite? <LT>						<1% pyrr	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
193.56m to 194.30m	Andesite			Fault between 193.85m + 194.10m.				
194.30m to 194.84m	Andesite ? (LT)						<1% py	
194.84m to 203.98m	Andesite (LaT)						3-5% py	
203.98m to 206.30m	Andesite (LT)						5-7% py	
206.30m to 212.21m	Andesite (LaT)			Shear between 206.30 + 209.00m;			5-7% py	
212.21m to 214.86m	Andesite (LT)						5-7% py	
214.86m to 222.01m	Andesite (LT)						214.86m to 217.20m; 2% py 217.24m to 222.01m; 1% py	
222.01m to 231.59m	Andesite (LaT)							
231.59m to 245.93m	Andesite (JELTIC-0)						231.59m to 240.88m 240.88m to 245.93m	Felsic dyke
245.93m to 253.40m	Andesite (LT)						245.93m to 251.78m; 1% py 251.78m to 253.40m; 3-5% py	
253.40m to 256.04m	Andesite (LaT)			Fault between 254.00 + 254.50m.				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
256.04 m to 261.59 m	Andesite (LT)						256.04 m to 260.40 m; 4% py 260.40 m to 261.59 m; 3-7% py	
261.59 m to 263.64 m	Andesite (LT)						2% py	Felsic Dyke?
263.64 m to 266.65 m	Andesite (LT)						2% py	
266.65 m to 268.08 m	Andesite (LT)						3% py	Felsic Dyke?
268.08 m to 279.50 m	Andesite (LT)			Fault 278.60 m to 279.50 m			3-5% py	
279.50 m	(USR)							
279.50 m to 292.20 m	(RELT (A))			Fault between 279.50 + 292.20 m Diorite between 288.10 m + 289.20 m Amphibole between 279.50 + 279.71 m.			4% py	
292.20 m to 299.50 m	(RELT (A))			Shear 297.36 + 297.44 m			292.20 to 294.45 m; 4% py 294.45 to 295.02 m; 3% py 295.02 to 299.50 m; 4% py	
299.50 m to 305.16 m	(RELT (C-D)) (Dome?)			Diorite between 301.65 + 302.64 m.			4% py	
305.16 m to 311.94 m	(RELT (C))						4% py	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
311.94m to 322.85m	(OT-LT)			5% argillite (thinly bedded) between 311.94 + 322.37m	CAB at 311.94m, 55°	Strongly Carbonatized	311.94m to 317.95m; 1% py 317.95m to 318.17m; 5% py 318.17m to 322.85m; 1% py	
322.85m to 327.64m	(LT)					Strongly Carbonatized	3-5% py	
327.64m to 341.24m	Argillite (LT)					Strongly Carbonatized	1% py	
341.24m to 346.50m	(LT)						1-3% py	
346.50m	(EOW)							*Corrosion Extension Zone was not intersected in this drill hole

ASSAY SHEET

Sample Number	From ()	To ()	Estimate		Length ()	% Cu	% Zn	% Pb	gm. T Ag	gm. T Au	% SiO ₂	% TiO ₂	% Na ₂ O	% MgO	% Fe	PPM	PPM	PPM	PPM	PPB	ppm		
			Cu	Zn												Cu	Zn	Pb	Ag	Au	Ba		
13730	144.4	145.4														36	53	12	0.6	5	1020		
13731	145.4	146.3														294	73	8	0.5	5	890		
13732	153.4	154.7														9	42	9	0.8	10	1270		
13733	154.7	156.0														8	58	7	0.5	5	800		
13734	177.65	178.5														83	114	6	0.6	5	1140		
13735																							

HOLE NO 86-87

PAGE _____

MAJOR OXIDES

Ba

TRACE ELEMENTS

SAMPLE NUMBER	FROM ()	TO ()	MAJOR OXIDES										TRACE ELEMENTS					Rock Type	Alt	Min	Grid			
			SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	P ₂ O ₅	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au							
16880	17.4	20.4	70.94					.98					0.21	.220	7	29	22	1.0	7.18	alt	7000	ppb		
16881	56.9	59.4	72.99					.22					0.20	.240	5	47	19	0.3	340	ppb				
16882	166.7	169.55	77.62					0.27					0.17	.175	21	6	11	0.7	5					

Hole No. 86-87

Entered by _____

Logged by _____

Page No. _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
153.4 - 156.0	<AND ASH CHT>	dark green	f-gr	bedding 154.0 155.1	38° 60°		7-8% very fine diss PY.	
156.0 - 161.0	<AND ASH TUFF>						3-5% PY. finely diss	
161.0 - 177.65	<FEL TUFF>	light cream	f-gr	161.0 - 162.0 darker green felsic Tuff lacking sulfides or bleaching 162.3 - 162.85 strongly pyritic andesite. 162.85 - 1 173.6 - 174.25 Screen of Andesite 5-7% brassy PY.		strong bleached altered appearance 162.0 - 162.3 Qtz vein 15% coarse brassy PY 21% CPY 174.25 - 177.65 weaker bleached/altered appearance at then above internal	162.0 - 162.3 162.85 - 173.6 weak pyrite stockwork *more intense from 162.85 - 165.15	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
177.65 189.5	<AND TUFF>	dk gn.		fine granular tuff with very fine <mm epidotized grains.			177.65- 178.5 fine pyritic ash up to 10% very fine also Py.	
189.5- 191.9	<FEL TUFF>			- Fault Bounded. - Brecciated giving fragmental appearance with a pyritic groundmass. upper contact 3cm black pyritic mud at 35° to core axis				
191.9-	<AND LAP TUFF>			193.6- 194.4 FAULT zone minor fault gouge milled texture, folded foliated foliations				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0 - 16.8	<OB>							
16.8 - 30.2	<FELT, LAPT>			Indistinct felsic fragmental. Some areas well outlined felsic lithic frags 1-3cm.				
30.2 - 41.35	<DIOR>							
41.35 - 42.6	<F-INT TUFF>			strongly sheared weak gouge development.			2-3% fine py	
42.6 - 49.7	<FEL TUFF>	creamy grey	f-gr.			strong bleached altered appearance. weak-mod sericitic	2-3% py diss. 47.0-47.2 <1% sp stringery mineralization.	
49.7 - 51.7	<INT TUFF>	med green	f-gr	Patchy fsp phytic.				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
51.7 - 74.2	<FEL TUFF>	creamy grey		Possible relic fsp as occasional mm pinkish grains. bleached texture covering any primary texture		Strongly bleached appearance -	<1% PY	
74.2 - 78.55	<INT ASH, TUFF>	med green	fgr.	Rare chert or ash beds. Ash beds often distorted - only one reliable bedding measurement 76.0 55° 77.1-77.4 fine pyritic ash.			77.1-77.4 5-7% fine less PY. 78.25-78.55 15% coarse brassy PY to CPY.	
78.5 - 79.75	<FEL TUFF>						78.8-79.2 up to 15% coarse brassy PY & <1% CPY.	
79.75 - 82.3	<INT TUFF>	med green	f-gr				2-3% less PY & minor coarse stringer pyrite	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
82.3 - 87.7	<FEL TUFF>			86.3 - 87.7 gougy broken core. Fault gouge @ lower contact.				
87.7 - 90.7	<INT TUFF>	med green	f-gr	weal granular texture. occasional weakly epidotized fsp rare gtz eyes				87.7 - 103.7 possibly all andesite with varying grain size - tubbles & ashes.
90.7 - 96.7	<AND XSTAL TUFF>	med-dk green		patchy moderate - str epidotized fsp. 96.15 - 96.25 ^{granular but} calcite veining with coarse pyrite.				
96.7 - 103.7	<INT TUFF ASH>	med green	f-gr	Fine granular texture No fsp			96.7 - 94.2 7-10% very fine disseminated pyrite (syngenetic)	
103.7 - 108.0	<FEL-INT TUFF>	green grey				101.41 - 103.7 moderately chloritic. mod chlorite / sericite wk-mod.		

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
108.0 -125.5	<DIOR>							
125.5- 144.4	<FEL TUFF>	creamy green grey						
144.4 144.4- 146.3	<AND ASH, CHT>	med grey dark green	fgf	good bedding 145.5 - 146.1 at 45-50°				5-7% fine druse pyrite
146.3- 152.05	<AND TUFF, XSTAL TUFF>	dark green		10% <1-1mm epidotized grains = fsg. Occasional 1-3cm epidotized ball frags very fine granular texture fine grained ashy zones from 150.0-150.35 bedding 60° + 151.05-151.5				<1-1% py
152.05- 153.4	<FEL TUFF, ASH>	light green grey		folded foliation/loopying faulted lower contact.				1-2% py