

87-192

Lara
DDH 87-192 827718

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.00 to 3.56	<OB>							
3.56 to 14.66m	Rhyolite <QEDT (IA)>			Chert between 14.02 + 14.66m			3.56m to 14.02m; 1-2% pyr 14.02m to 14.66m; 4% pyr	sp, cp
14.66m to 16.95m	Rhyolite <QEXT (Q-L)>						14.66 to 16.94 m; 3-4% pyr 15.94 to 16.95 m; 3-4% pyr	Possible Feldspar Porphyry
16.95m to 43.60m	Rhyolite <QEDT (IA)>			contains local chert bands Sheared between 18.55 + 19.04 m Diorite between 37.30 + 37.59m 38.27 + 39.25m 41.87 + 42.25m 42.67 + 43.60m			16.95 to 18.55m; 4% pyr 18.55 to 19.04m; 2% pyr 19.04 to 21.50m; 2-3% pyr 21.50 to 41.87m; 4% pyr 41.87 to 42.25m; — 42.25 to 42.67m; 1% pyr	
43.60m to 47.66m	Rhyolite <QEDT (IA)>			Fault between 46.70 to 47.66m Diorite between 46.17 to 46.50m		weakly chloritized	1% pyr	
47.66m to 49.07m	Rhyolite <LT>						<1% pyr	
49.07m to 55.80m	<Gabbro>							
55.80m to 68.08m	Rhyolite <DT>			Fault between 62.17 + 62.80m	CAB at 57.00m; 50° 65.86m; 40°		55.80m to 65.53m; 1% pyr 65.53m to 68.08m; 2% pyr	
68.08m to 88.75m	Andesite <XT-DT>			Rhyolite <DT> between 70.10 + 72.12m 73.68 + 73.86m	CAB at 70.10m; 50°		68.08 to 70.10 m; 1-2% pyr 70.10 to 72.12 m; — 72.12 to 73.86m; 2% pyr 73.86 to 88.75m; 1-2% pyr	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
98.75m to 99.25m	Andesite <LT>						<1% bpyr	
99.25m to 99.80m	Andesite <DT-LT>			Rhyolite (QEDT (18-5)) between 94.76+96.00m and 97.20+97.92m			93.25 to 94.76m; 2-3% bpyr 94.76 to 96.00m; 3% bpyr 96.00 to 97.20m; 2-3% bpyr 97.20 to 97.92m; 1% bpyr 97.92 to 98.80m; 2-3% bpyr	
99.80m to 101.08m	Andesite <LT>						1% bpyr	
101.08m to 119.40m	Gabbro							
119.40m to 123.51m	Dacite <DT>						1% bpyr	Possible alteration effect from the Gabbro
123.51m to 156.40m	Andesite <XT-LT>			Fault between 123.51 to 149.66m;			123.51 to 126.82m; 1% bpyr 126.82 to 126.98m; 15-20% bpyr 126.98 to 156.40m; 1% bpyr	
156.40m to 169.58m	Andesite <LT>				CAB at 167.00m; 35° 170.00m; 35°		156.40 to 164.07m; 1-2% bpyr 164.07 to 164.76m; 15% bpyr 164.76 to 166.70m; 1-2% bpyr 166.70m to 167.22m; 15% bpyr 167.22m to 169.58m; 1-2% bpyr	
169.58m to 183.77m	Andesite <LT>						2% bpyr	Possible Fault
183.77m to 198.80m	Andesite <LT>						1-2% bpyr	Possible Fault

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
198.80m to 208.50m	Andesite <LT>			Fault between 201.10 + 201.35 210.10 + 210.20 214.78 + 214.88 216.41 + 216.65			<1% pyrr	
208.50m to 269.90m	Andesite <LaT>			Fault between 252.00 + 252.30m Argillite between 268.57 to 268.64m 269.61 to 269.64m 269.79 to 269.90m	CABut 208.50m; 30° 269.64m; 29°	local siliceous patches	<1% pyrr	This unit contains several fining upward cycles.
269.90m to 274.50m	Rhyolite <QEXLT(20)>			Andesite <LT> between 271.00 + 271.50m 275.18 + 276.45m Argillite between 272.00 + 272.95m	CABut 272.00m; 20°	Silicified	<1% pyrr	
279.50m to 283.00m	Andesite <LT>						<1% pyrr	
283.00m to 289.45m	Rhyolite <QEXLT(10)>			Andesite <LaT> 284.62 to 285.85		Silicified	<1% pyrr	
289.45m to 313.97m	Andesite <LaT>					silicified between 312.42 + 313.97m	<1% pyrr	
313.97m to 320.32m	Rhyolite <QEXLT(K-D)>						<1% pyrr	Felsic Dyke
320.32m to 332.70m	Andesite <LaT>			Rhyolite <DT-LT> between 322.70 + 323.38 326.20 + 326.56 329.66 + 330.00		Strongly silicified between 325.60 + 326.80m	320.32m to 322.70m; <1% pyrr 322.70m to 323.38m; 10-15% pyrr 323.38m to 331.87m; <1% pyrr 331.87m to 332.70m; 5% pyrr	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
332.70 m to 338.38	Rhyolite (LT)			Andesite (LT) between 334.37+335.00m Argillite between 337.42+337.44m		Silicified	332.70 m to 334.37m; 3-5% py 334.37m to 335.00m; 3% py 335.00m to 338.38m; 3-5% py	
338.38 m to 344.10 m	Andesite (LT)			Fault between 341.28+341.35m Rhyolite (LT) between 340.82+342.62m			338.38m to 340.82m; 1% py 340.82m to 342.62m; 1% py 342.62m to 344.10m; 1% py	
344.10 m to 347.07 m	Rhyolite (DT)			Diorite between 345.30+346.70m; Strongly Sheared between 346.70+347.07m		Silicified	<1% py	
347.07 m	(USR)							
347.07 m to 352.10 m	(QELT (18-0))						<1% py	
352.10 m to 356.20 m	(QELT (2A-B))						<1% py	
356.20 m to 357.23 m	(MDST)			This interval also contains 10% chert interbeds to 2cm.	CAB at 357.00m 40°			
357.23 m to 358.78 m	(QELT (2A-B))						357.23m to 358.20m; <1% py 358.20m to 358.78m; <1% py trace Po	
358.78 m to 359.72 m	(Diorite?)							
359.72 m to 360.65 m	(Argillite)							

87-192

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
360.65 to 361.80m	(DT)					Silicified	360.65 to 361.08m; 4% py 361.08 to 361.80m; <1% py	
361.80 m to 386.10m	(DET (28-0))			Diorite 362.50 to 362.75m			<1% py	
386.10m to 405.99m	(DET (28-0)) (Dome)						<1% py	
405.99	(50H)							

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
59.74- 67.3	<FEL TUFF>	light cream	f.g.r.	Fine aphyric texture similar to previous Fel Tuff but lacking pumice frags 64.2-66.6 stretched fragmental appearance		wk ser. bleached appearance	64.3-64.8 & 65.9-66.5 2-3% py stringer stockwork	
67.3- 68.0	<CHERT>							
68.0- 87.3	<AND TUFF, ASH>			Local chert beds from 70.7-71.0 73.7-73.9 78.55-78.60	45° 73.9 45°		1-3% lined chert	fol 69.1 50
87.3- 94.8	AND XSTAL TUFF			73.9				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
				M. Dykes as follows 37.3 - 37.6 38.4 - 39.3 41.75 - 42.1 42.67 - 43.5				
43.5 - 49.07	<INT TUFF ASH>	med green	f-gr.	fine granular texture with finer ashy areas. chert frays at 48.2. 46.45 - 46.55 Fault zone 46.55 - 47.1 Felsic Tuff	40°			
49.07 55.77	<DIORITE>							
55.77 - 59.74	<Fel-INT ASH, CHERT>	med green	f-gr.	Fine aphyric ash possible mottled from patchy frays or brecciated beds 58.8 - 59.74 occasional thin chert beds giving good bedding 58.9 59.6	50° 60			Elevated Copper values.

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0-3.56	<OB>							
3.56-14.02	<FEL TUFF>	light gray	f-gr	Occasional 1-2cm dark green pumice? fragments. Fairly abundant 1cm green wisp = pumice frags also gives rock green wispy texture. weal ^{weal} indistinct fragmental appearance.		weal sericite	1-3% py we finely diss & as occasional narrow stringer stockwork. tr sp & cp within stringer stockwork.	foliation 5.5 30 11.5 40
14.02-16.95	<FP TUFF>			2-8% white fsp crystals quite fresh in appearance.		14.66-15.94 Qtz vein.	weal overall unit contains 1-2% py & 1-1% sp, tr & cp diss & as weal stringer mineralization.	
16.95-43.5	<FEL TUFF>	we light cream	f-gr	Strong bleached appearance. patchy mottled texture from fairly numerous 1-2cm green wisp & frags = pumice frags. 18.2-18.35 chert - massive , possibly a fragment.		pervasive bleached appearance with patchy silicification	16.95-21.5 1-1% py & sp mainly as fine siliceous stringer stockwork.	

