

DRILL HOLE RECORD

Lara
DDH 87-224 827721

PROJECT NAME : LARA PROJECT		DATE STARTED (M/D/Y):		DIRECTIONAL DATA: A = Acid Test L = Light Log			M = Multishot T = Tropari		
HOLE NUMBER : 87-224		DATE COMPLETED (M/D/Y):		DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS
LOCATION : NTS-92 B/13		DATE LOGGED (M/D/Y):		114.9	A		-48°	OK	
PROJECT NUMBER : 242		UNITS (F/M) : M							
CLAIM NUMBER : UGLY									
PLOTTING COORDS	GRID : MINE	ALTERNATE COORDS	GRID :						
	NORTH : 104+60 N		NORTH : _____ + _____						
	EAST : 109+03 W		EAST : _____ + _____						
	ELEV : 681 m		ELEV : _____						
COLLAR BRNG	GRID : 180°	COLLAR SURVEY (Y/N) :							
	ASTRONOMIC : 208	RQD LOG (Y/N) :							
	COLLAR DIP : -50°	PULSE EM SURVEY (Y/N):							
CONTRACTOR :		LOGGED BY : G.S.W.							
CORE STORAGE : CHEMAINUS		START DEPTH: 0							
CASING :		FINAL DEPTH: 160.6							
PLUGGED (Y/N) :									
HOLE SIZE : NQ									
PURPOSE/COMMENTS : to test stratigraphy in Trench 4 area. .relog by GSW									

HOLE NO. 87-224

LOGGED BY _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0-15.54	<OB>							boulders of dark green gabbro & sand.
15.54-52.4	<QFP Tuff>	greenish grey.	m-gr.	weakly foliated to massive. 5% q's - locally 10% generally 1-2mm diam. - up to 5mm across 1-3% white to greenish white fsp x ¹⁰ . - locally 5-7%.	32.0m-30° (fol ^o)	weak perov. sericite tr. dark green chl patches - Veins or dikes. - fsp crystals = weak epidote alteration.	tr. diss. py.	
52.4-55.95	<Qtz Vein, M dyke>	green.	f-gr.	52.4-53.8 - Qtz-chl vein. 53.8-55.95 - f.gr. light green mafic dike - well-foliated.	54.0-0° (fol ^o)		none.	
55.95-62.7	<FP Tuff>	light grey	m-gr.	massive to weakly foliated. 5-10% weakly epidotized fsp crystals - tr. q's.	58.0m-20° (fol ^o) 62.0-30° (fol ^o)		55.95-62.7 - 2-3% py as blebs and stringers aligned parallel to foliation.	
62.7-67.2	Felsic Fragments <F Frag>	greenish grey.	f-mgr.	siliceous grey fragments with green chloritic specks set in f.gr. weakly chloritic matrix. - fragments range in size from 1-2mm across to 0.1m long.		weakly chloritic matrix.		* litho sample from 66-67 crosses contact.

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
67.2 - 75.55	<DIOR>	green.	m.gr.	massive - feldspar - porphyritic. patches with 10% ragged fsp crystals. - upper chill more pronounced than lower one.	75.55 - 80° (contact)		2-3% diss. py. - generally associated with qtz veins.	
75.55 - 80.05	Siliceous Felsic Ash <F Ash>	brownish grey.	f.gr.	foliated. - patches with 5% white f's = possible fragments.	79m - 70° (fol ⁿ)			
80.05 - 86.4	Andesite Crystal Tuff <AND TUFF>	green	m.gr.	- predominantly crystal-rich tuff with ashy layers. - upper contact sharp.	80.05 - 80° (contact)	pervasive weak - moderate epidote alteration of f's.		
86.4 - 92.4	Andesite Lapilli Tuff <And LAP TUFF>	greenish grey with light grey frags.	m.gr.	5% light grey pyroxene - porphyritic fragments - elongate in plane of fol ⁿ - up to 5cm wide. - set in f.gr. chloritic/ashy matrix.	90.0m - 60° (fol ⁿ)			
92.4 - 99.75	Biotitic And Lap Tuff <BIOT AND LAP TUFF>	brownish green.	f.gr.	- well-foliated. 5% biot-rich fragments set in chloritic matrix with 5-10% white specks = f's? 95.2 - 95.9. f.gr. green biot		pervasive biot-chl alteration.	93.2 - 94.1 - 2-3% diss py.	

- contorted foliations (F2 folding) within unit

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
99.75-123.1	And Crystal Tuff/Ash <And Tuff, Ash>	green.	f-mgr.	well-foliated. 99.75-103.65- crystal-rich layers (10-15% mm-sized f's). 103.65- predominantly f.gr. ash fsp. porphyritic diorite dikes at: 112.1-112.9 115.15-117.85 122.1	106.0-45° (fol°) 114.0-50° (fol°) 120.0-50° (fol°)	pervasive weak to moderate chlorite. weak biot.	tr. py	
123.1-140.1	Diorite <DIOR>	green.	mgr	fsp. porphyritic with fgr. foliated sections = screens of And Ash				
140.1-158.25	<ANDTUFF, ASH>	light green.	f-mgr	andesite crystal & and tuff. f's weakly epidotized. -weakly foliated - most pronounced in ashy layers	149.0 m-45° (fol°)	weak pervasive epidote	3-5% diss py throughout	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
158.25- 160.6 E0H	<DIOR>	green.	mgr	massive - fsp - porphyritic near upper contact - 2-3% dis leucocore = white wispy mineral			none.	

LITHOGEOCHEMISTRY

MAJOR OXIDES

TRACE ELEMENTS

SAMPLE NUMBER	from	to	SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂		ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type
872241	32.5	35.5																
2	65.3	68.3																
3	99.8	102.8																
4	132.8	135.8																

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Entered by _____

Logged by _____

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