DRILL HOLE RECORD

827711

PROJECT NAME : LARA PROJECT		DATE STARTED (M/D/Y):		DIRECTIONAL DATA: A = Acid Test L = Light Log M = Multishot T = Tropari						
HOLE NUMBER: 84-10		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):								
PROJECT NUMBER: 242		UNITS (F/M) : M.								
CLAIM NUMBER : UGLY										
PLOTTING COORDS	GRID : MINE	ALTERNATE COORDS	GRID :							
	NORTH: 103+60.5N.		NORTH : ____+____							
	EAST : 108+00W		EAST : ____+____							
	ELEV : 664		ELEV : ____.____							
COLLAR BRNG	GRID : 178° __' __"	COLLAR SURVEY(Y/N) :								
	ASTRONOMIC : 206 __' __"	RQD LOG (Y/N) :								
	COLLAR DIP: -55° __' __"	PULSE EM SURVEY(Y/N):								
CONTRACTOR :		LOGGED BY : G.S.W.								
CORE STORAGE : Chemainus		START DEPTH: 0								
CASING : 4.35m		FINAL DEPTH: 76.2m								
PLUGGED (Y/N) :										
HOLE SIZE : BQ										
PURPOSE/COMMENTS : to test stratigraphy in Trench 4 area										

HOLE NO. 84-10

LOGGED BY _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 - 3.35	<OB>.							
3.35 - ~43	<And Ash>	green	f.gr.	weakly foliated. - pervasive brown mm-sized specks = carb. - bluish grey siliceous lithic frags? - contact indistinct due to split core.		W-M chl.	22.7 - 43 1-2% diss py with the odd 0.05m thick py stringer.	unit looks felsic locally but overall colour = dk green. 22.7 - 61.2 - core split.
43 - 61.2	Felsic Ash <F Ash>	greenish grey	f.gr.	foliated	53.0m - 50° (tcl°).	pervasive weak chl.	43 - 61.2. 2-5% diss py.	
61.2 - 73.8	<And Tuff>	green	m.gr.	andesite crystal tuff 25-30% fsp xls mm-sized 2-3% epidotized fragments		pervasive epidote alt° of fsp crystals + frags.	tr - 1% py.	
73.8 - 75.3	<F Ash>	grey	f.gr.	well-foliated.	74.0 - 60° (tcl°)			
75.3 - 76.2	<And Tuff>	green	m.gr.	andesite crystal tuff - as above				

HOLE NO 84-10.

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LARA PROJECT
DIAMOND DRILL HOLE LITHOLOGY LOG

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Collar Location: Grid: West

UTM: N: 5,414,930.00 E: 433,530.00 EL: 663 m

Azimuth 206° Inclination: -55° Total Depth 76.20 m

Date Start: November 30, 1984
Finish: December 2 1984

TARGET: Zone III btwn TRs 82-4 + 83-34 (shallow test).

Logged by: D. Blackadar

INTERVAL (m) From	To	LITHOLOGY	MINERALIZATION AND ALTERATION	STRUCTURE
0	4.35	O/B; rubble		
Unit	1			
4.35	19.30	2LXT, m gn, rel f gr, wk-mod fol. Up to 30% fel frags + pos fldsp xls gen <0.5mm, occ to 1mm in a ser-chl mtx. Mnr amphibole frags loc. Loc up to 10% sil-chty "eyes" over nrw intvs. Mnr QE to 2mm.	Mnr diss f+m gr pyr. Tr cp. Mod-str calc (5-10% calc). Upper 1m contains 10% wh elong calc "eyes" <1mm - several mm.	
Unit	2			
19.30	26.12	2LT(?), m gy gn, gen rel f gr, wk-mod fol. Similar to unit 1 but contains 10% sil chty "eyes" gen <2mm. Mtx loc chty. Intv loc has a pronounced sandy tex due to the presence of up to 30% subang-subrd clst frags from <0.5-4mm in a f gr ser-chl mtx.	Mnr diss pyr + cp. Mod-str calc (5-10% calc).	
Unit	3			
26.12	28.77	2XLT, m gn, rel f gr, wk-mod fol. 30% wh fel frags + pos fldsp xls in a ser-chl mtx. 5% m gn rd fel frags to 2mm. Loc up to 15% chty frags to 3mm	1-2% diss m gr pyr (to 2mm). 2% qtz-carb vns to 1cm. Mod calc (5% calc).	
Unit	4			
28.77	31.87	2LT, lt-m gn, f gr, mod fol. Fel frags <0.25mm in a ser-chl mtx. Loc up to 10% rd gn fel frags to 4mm. Mnr QE to 1mm.	Mnr diss m gr (2mm) pyr cubes. Tr cp. 3% qtz vns to 3mm. Mod calc (5% calc)	

pos Alt sheared Gabbro

Same

arhalt/clay alt/epid

Similar

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LARA PROJECT

DIAMOND DRILL HOLE LITHOLOGY LOG

DDH: 84-10

INTERVAL (m) From	To	LITHOLOGY	MINERALIZATION AND ALTERATION	STRUCTURE
Unit 5				
31.87	32.25	1DT-f gr LT (ser sch), lt gy, str fol. mnr QE < 1mm. Loc intvs of lt gy cht.	5% lam + diss f gr pyr + mnr cp toward base of intv. Wk calc.	
Unit 6				
32.25	32.55	1-2LT (ser-chl sch), lt bn gn, f gr, str fol. Mnr QE to 1mm. Up to 10% rd fol frags to 2mm. Well lam/≈10% wk cal lam. Upper few cms contains ≈30% elong calc fol frags to 3mm.	1% diss m gr pyr (to 2mm). Str calc.	CAB = 33° (calc lam).
Unit 7				
32.55	48.42	2DT-f gr LT (ser-chl sch), lt-m gn, mod-str fol. Loc prw intvs of sl more c gr LT / frags to 2mm. Grds loc into 1-2DT. Divided on basis of pyr content as follows:	Pyritic; diss + lam pyr / conc variable (see below left). Pyr lam com have rhy mtx + contain mnr cp. <1% qtz vns to 1cm.
		7-1: 32.55-35.50; 0.5% diss pyr		
		7-2: 35.50-37.80; 2-3% diss + lam f gr pyr (to 2mm); mnr cp.		
		7-3: 37.80-38.30; 8% diss + lam f gr pyr (to 2mm); <0.5% cp.		
		7-4: 38.30-39.01; 2% diss + lam f gr pyr (to 2mm).		
		7-5: 39.01-42.12; 1% diss + lam f gr pyr; mnr cp.		
		7-6: 42.12-45.21; 1% diss + lam f gr pyr; mnr cp.		
		7-7: 45.21-48.42; 1-2% diss + lam f-m gr (2mm) pyr; mnr cp.		
Unit 8				
48.42	49.07	1DT-f gr LT (ser sch), lt gy, str fol, loc sil. Gsalt unit 7	5% lam + diss f-m gr (2mm) pyr conc in upper 25 cms. 2cm bnd @ 49.32 contains 40% pyr + 5% cp. 3% qtz vns to 1cm. Mod calc along pyr lam.	CAB = 42° (pyr bnd)

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LARA PROJECT

DIAMOND DRILL HOLE LITHOLOGY LOG

DDH: 84-10

INTERVAL (m) From	INTERVAL (m) To	LITHOLOGY	MINERALIZATION AND ALTERATION	STRUCTURE
Unit 9 49.01	49.46	Qtz vn, wh, mas	2% m gr pyr	
Unit 10 49.46	51.00	2DT- F gr LT, lt-m gn, str fol. gt Unit 11	1-2% diss + lam f gr pyr. 2% qtz-calc vns 1-8 mm. Loc wk calc.	
Unit 11 51.00	54.45	1DT- f gr LT, lt gy gn, grdg loc into 1-2DT. Mnr QE < 0.25 mm		
Unit 12 54.45	61.45	~~#4~~ 3 2DT- F gr LT (ser-chl sch), lt gy - lt-m gn, grdg loc into 1DT + 2DT, str fol. Loc new intvs of a few cms which are more c gr / up to 15% fel frags to 2mm in a ser-chl mtx. Loc < 5% QE to 2mm. Loc well lam/alting chl+ser lam. 12-1: (54.45 - 57.95) 12-2: (57.95 - 61.45)	1-2% diss & lam f gr pyr; mnr cp loc. Upper 30 cms contains 20% qtz vns to 4 cms. Loc wk calc. Loc elong calc "eyes".	CAB = 50°-55° (pyr lam)
Unit 13 61.45	73.64	2LT, m gn, c gr, wk fol. 20-40% fel frags to 4mm in a f gr ser-chl mtx. Loc new intvs of f gr 2LT + 2 LaT / fel bp to 1cm. Mnr hornblende(?) frags. Loc up to 5% elong QE to 2mm. Loc chty mtx. Mnr arg ptgs. Gabbro	Mnr diss + lam f gr pyr overall. Up to 2% diss + lam pyr over new intvs of a few cms. 2% qtz vns to 4cms in btm ⅓ of intv. Mnr cp in pyr intvs. Loc wk calc.	CAB = 50° (pyr buds)
Unit 14 73.64	75.00	1DT, lt gy, mod-str fol, chty, grdg loc into lt gy cht. 2% fel frags to 2mm. 2cm into @ 74.5 of c gr 1LT / cht mtx. Loc alting buds of lt gy cht (to 1cm) + m gy chty tuff.	2% diss & lam f gr pyr - Mnr cp. Loc wk calc.	CAB = 50° (cht buds)
Unit 15 75.00	76.20 T.D.	2LT, m gn, c gr, wk fol. 30-40% fel frags to 4mm + 3% fel bp to 2cm in a f gr ser-chl mtx. Mnr dk gn mfc frags to 1mm. Mnr QE to 1mm. Mtx loc chty, loc chl. Gabbro	Mnr diss f gr pyr - loc wk calc.	