DRILL HOLE RECORD

DDH Logs
84-7 to 84-11

827728
LARA

PROJECT NAME : Lara Project		DATE STARTED (M/D/Y):		
HOLE NUMBER : 84-7		DATE COMPLETED(M/D/Y):		
LOCATION :		DATE LOGGED (M/D/Y):		
PROJECT NUMBER :		UNITS (F/M) : M		
CLAIM NUMBER :				
PLOTTING COORDS	GRID :	ALTERNATE COORDS	GRID :	
	NORTH : _ _ _ _ _ _. _ _ _		NORTH : _ _ _ _ _ _+ _ _	
	EAST : _ _ _ _ _ _. _ _ _		EAST : _ _ _ _ _ _+ _ _	
	ELEV : _ _ _ _ _ _. _ _ _		ELEV : _ _ _ _ _ _. _ _ _	
COLLAR BRNG	GRID : _ _ _ ° _ _ ' _ _ "	COLLAR SURVEY(Y/N) :		
	ASTRONOMIC : _ 216 ° _ _ ' _ _ "	RQD LOG (Y/N) :		
	COLLAR DIP : _ -45 ° _ _ ' _ _ "	PULSE EM SURVEY(Y/N):		
CONTRACTOR :		LOGGED BY :		
CORE STORAGE :		START DEPTH: 0.0		
CASING :		FINAL DEPTH: 109.73		
PLUGGED (Y/N) :				
HOLE SIZE :				
PURPOSE/COMMENTS :				

DIRECTIONAL DATA: A = Acid Test, L = Light Log, M = Multishot, T = Tropari

DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS

HOLE NO. 84-7

LOGGED BY _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0 - 12.0	<OB>							
12.0 - 14.3	Felsic Tuff <F TUFF>					Nil	Nil	
14.3 - 28.6	Diorite <DIOR>							
28.6 - 30.5	Felsic Tuff <F TUFF>					W ser/chl	tr py	
30.5 - 45.25	Intermediate Tuff <I TUFF>					W chl	1-2% py	
45.25 - 49.68	Felsic Ash Cherty Ash <FA, CHTY ASH>					W ser	<1% py	
49.68 - 52.8	Intermediate Tuff <INT TUFF>					W chl	<1% py	
52.8 - 54.15	Felsic Tuff <F TUFF>						tr py	
54.15 - 109.73	Andesite Tuff <AND TUFF>			Numerous Felsic Dykes.				

HOLE NO 84-7

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LITHOGEOCHEMISTRY

Ba T

SAMPLE NUMBER	FROM ( )	TO ( )	MAJOR OXIDES SiO_2	Al_2O_3	CaO	MgO	Na_2O	K_2O	Fe_2O_3	MnO	TiO_2	P_2O_5	TRACE ELEMENTS ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type	Alt	Min	Grid	
84701	35.1	38.1	54.3	16.76	1.14	6.42	1.83	2.14	9.04	0.29	0.59	0.155	827	109	64	1.3	30					
Intermediate Tuff																						
84702	74.7	77.7	44.45	14.83	15.26	5.58	1.41	0.02	10.92	0.34	0.66	0.005	225	54	47	1.7	10					

Hole No. 84-7 Entered by _____ Logged by _____ Page No. _____

DRILL HOLE RECORD

PROJECT NAME : Lara		DATE STARTED (M/D/Y):	
HOLE NUMBER : 84-8		DATE COMPLETED (M/D/Y):	
LOCATION :		DATE LOGGED (M/D/Y):	
PROJECT NUMBER : 242		UNITS (F/M) : M	
CLAIM NUMBER :			
PLOTTING COORDS	GRID :	ALTERNATE COORDS	GRID :
	NORTH : _ _____.___		NORTH : ______+__ _
	EAST : ______.___		EAST : ______+__ _
	ELEV : ______.___		ELEV : ______.___
COLLAR BRNG	GRID : ___° __' __"	COLLAR SURVEY (Y/N) :	
	ASTRONOMIC : 203 __' __"	RQD LOG (Y/N) :	
	COLLAR DIP : -45 __' __"	PULSE EM SURVEY (Y/N):	
CONTRACTOR :		LOGGED BY :	
CORE STORAGE :		START DEPTH: 0.0	
CASING :		FINAL DEPTH: 71.63 m	
PLUGGED (Y/N) :			
HOLE SIZE : BQ			
PURPOSE/COMMENTS :			

DIRECTIONAL DATA: A = Acid Test, L = Light Log, M = Multishot, T = Tropari

DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS

HOLE NO. 84-8

LOGGED BY __________

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0 - 10	<OB>							
10.0 - 23.7	Diorite <DIOR>							
23.7 - 29.15	Felsic Tuff <F TUFF			23.77 - 24.7 Chert		<M ser, W sil, Wep> very blitzed looking	<2-3% py> 23.77 - 24.7 5% py <1% cpy 28.34 - 29.05 5% py.	Very blitzed looking similar to 86-93 Weighted Average for complete interval Na_2O = .45 ppm Ba = 2471 ppm Cu = 335
29.05 - 40.3	Intermediate Tuff <I TUFF>					<W-M chl>	<1% py> 39.8 - 40.3 7% py <1% cpy stringers.	weighted Ave Na_2O 1.40 ppm Cu 409 } from top to bottom 39.8 - 40.3 2200 ppm Cu.
40.3 - 58.7	Diorite <DIOR>							
58.7 - 71.63	Andesite Lapilli Tuff <AND LAP TUFF>			Numerous felsic Dykes. 61.8 - 62.5 Argillite - ~~of~~ pyritic muddy zone				

HOLE NO 84-8

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DRILL HOLE RECORD

PROJECT NAME : Lara			DATE STARTED (M/D/Y):		DIRECTIONAL DATA: A = Acid Test L = Light Log M = Multishot T = Tropari					
HOLE NUMBER: 84-9			DATE COMPLETED(M/D/Y):		DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS
LOCATION :			DATE LOGGED (M/D/Y):							
PROJECT NUMBER : 242			UNITS (F/M) : M							
CLAIM NUMBER :										
PLOTTING COORDS	GRID :		ALTERNATE COORDS	GRID :						
	NORTH : _ _ _ _ _ . _ _ _			NORTH : _ _ _ _ _ + _ _						
	EAST : _ _ _ _ _ . _ _ _			EAST : _ _ _ _ _ + _ _						
	ELEV : _ _ _ _ _ . _ _ _			ELEV : _ _ _ _ _ . _ _ _						
COLLAR BRNG	GRID : _ _ _ ° _ _ ' _ _ "		COLLAR SURVEY(Y/N) :							
	ASTRONOMIC : 205° _ _ ' _ _ "		RQD LOG (Y/N) :							
	COLLAR DIP : -50° _ _ ' _ _ "		PULSE EM SURVEY(Y/N):							
CONTRACTOR :			LOGGED BY :							
CORE STORAGE : Chemainus			START DEPTH: 0.0							
CASING :			FINAL DEPTH: 72.85 m							
PLUGGED (Y/N) :										
HOLE SIZE : BQ										
PURPOSE/COMMENTS :										

HOLE NO. 84-9

7, 8 92, 96

LOGGED BY _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0-3.0	OB							
3.0 - 15.15	Felsic Tuff, Lapilli Tuff <F LAP TUFF>					<W-M ser>		
15.15 - 32.11	Intermediate Ash			fine ash, minor chert bedding 15.9 40 19.1 35 20.5 40 17.9 <1cm fragments of fine massive pyrite. 30.3-32.11 chert		<M ser>	<3-5% py> 3-5% finely disseminated & bedded pyrite. 30.3-30.7 <1% cpy and 1-2% py	
32.11-34.6	Andesite Ash <AND ASH>					<M chl>	<1-2% py>	
34.6 - 43.65	Diorite <DIOR>							
43.65 - 44.65	Chert, Felsic Ash <CHERT, F ASH>			bedding 35.0m 40°			<tr py>	

HOLE NO 84-9

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FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
44.65 – 46.10	Felsic Lapilli Tuff <F LAP TUFF>			mottled appearance = fragmental.				
46.10 – 53.25	Felsic Ash, Rare Chert. <F. ASH>					<M ser>	<1% py 47.25 – 47.6 1% cpy 2% pyrite. Looks more like stringer mineralization.	
53.25 – 54.4	Intermediate Ash, Chert <I ASH, CHERT>					<M chl>	<1% py>	
54.4 – 72.85 E.O.H	Intermediate Tuff. <I TUFF>					<W-M chl>	<1% py>	

HOLE NO 84-9

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LITHOGEOCHEMISTRY

			MAJOR OXIDES										TRACE ELEMENTS								
SAMPLE NUMBER	FROM ( )	TO ( )	SiO_2	Al_2O_3	CaO	MgO	Na_2O	K_2O	FeO	MnO	TiO_2	P_2O_5	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type	Alt	Min	Grid	
84901	10.1	13.1																				
84902	22.9	25.8																				
84903	48.5	51.5																				
849-04	56.4	59.4																				

Hole No. 84-9 Entered by _____ Logged by _____ Page No. _____

DRILL HOLE RECORD

PROJECT NAME :	Lara	DATE STARTED (M/D/Y):	
HOLE NUMBER:	84-11	DATE COMPLETED(M/D/Y):	
LOCATION :		DATE LOGGED (M/D/Y):	
PROJECT NUMBER :	242	UNITS (F/M) :	M
CLAIM NUMBER :			

PLOTTING COORDS		ALTERNATE COORDS	
GRID :	Mine	GRID :	
NORTH :	_ _ _ _ _ _ . _ _ _	NORTH :	_ _ _ _ _ + _ _ _
EAST :	≃ 11250. W (check)	EAST :	≃ 112 + 50 W
ELEV :	_ _ _ _ _ _ . _ _ _	ELEV :	_ _ _ _ _ _ . _ _ _

COLLAR BRNG			
GRID :	_ _ _ ° _ _ ' _ _ "	COLLAR SURVEY (Y/N) :	
ASTRONOMIC :	206° _ _ ' _ _ "	RQD LOG (Y/N) :	
COLLAR DIP :	-55 _ _ ' _ _ "	PULSE EM SURVEY(Y/N):	

CONTRACTOR :		LOGGED BY :	
CORE STORAGE :		START DEPTH:	0.0
CASING :		**FINAL DEPTH:**	190.8
PLUGGED (Y/N) :			
HOLE SIZE :			

PURPOSE / COMMENTS :

DIRECTIONAL DATA: A = Acid Test, L = Light Log, M = Multishot, T = Tropari

DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS

HOLE NO. 84-11 LOGGED BY ________

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0.0 - 1.82	<OB>							
1.82 - 34.0	Felsic Lapilli Tuff			Mottled coloration. 1.82 - 17m grey siliceous fragments in a greenish FP groundmass. Below 17m banded appearance similar to stretched fragmental unit seen on powerline road.				
34.0 - 38.4	Felsic Ash <F ASH>							
38.4 - 40.8	Andesite Tuff ? <AND TUFF?>							
40.8 - 73.7	<DIOR>					Qtz/calc veinlets w/ cpy, po, py.		
73.7 - 76.0	Felsic Ash <F ASH>							

HOLE NO 84-11

PAGE 1

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
76.0 – 79.0	Andesite Ash. <AND ASH>					M ser/chl	1-2% py 76.5m 2cm of sp, py stringer.	
79.0 – 99.8	Andesite Tuff, Crystal Tuff <AND TUFF>						1-2% py	
99.8 – 119.0	Diorite <DIOR>							
119.0 – 135.8	Andesite Tuff <AND TUFF>						Patchy tr po	
135.8 – 144.7	Diorite <DIOR>							
144.7 – 167.9	Andesite Tuff <AND TUFF>					<w chl> +160-167.9+ <M chl>	+160.0-167.9+ <2-3% py <10cm qtz py stringers. lower contact 4m of 15-20% py.	

HOLE NO 84-11

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
167.9 – 189.2	Felsic Ash, Tuff <F ASH, TUFF>			weak banded nature, possibly fragmental?			< 1% py	
189.2 – 190.8	Andesite Tuff <AND TUFF>							
E.O.H.								

HOLE NO 84-11

LITHOGEOCHEMISTRY

Ba

SAMPLE NUMBER	FROM ( )	TO ( )	MAJOR OXIDES SiO_2	Al_2O_3	CaO	MgO	Na_2O	K_2O	FeO	MnO	TiO_2	P_2O_5	TRACE ELEMENTS ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au	Rock Type	Alt	Min	Grid
8411-01	20.86	23.86	65.23	15.97	2.51	1.58	4.20	2.67	2.81	.06	.31	.087	19	32	17	1.0	5				
8411-02	101.19	104.19	46.28	13.87	12.23	5.52	1.60	.26	11.55	.20	1.71	.011	189	72	26	4.2	5				
Diorite																					
8411-03	135.94	138.94	45.77	13.97	11.35	5.01	1.12	.27	12.93	.23	2.42	.014	220	84	20	4.3	10				
Diorite																					
8411-04	184.7	187.7	68.41	14.09	2.77	1.63	2.16	2.67	3.27	.10	0.29	.104	56	57	20	1.1	5				
8411-05	86.87	89.61																			
8411-06	126.5	129.7																			
8411-07	163.4	166.4																			

Hole No. 84-11 Entered by _____ Logged by _____ Page No. 4