

DRILL HOLE RECORD

Laurel Dome
BAR PROJECT 824547

PROJECT NAME : BAR PROJECT		DATE STARTED (M/D/Y): OCT 2		DIRECTIONAL DATA: A = Acid Test L = Light Log M = Multishot T = Tropari					
HOLE NUMBER : BAR 17		DATE COMPLETED(M/D/Y): OCT 5		DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS
LOCATION : LAUREL DOME		DATE LOGGED (M/D/Y):		32.6	A		-45		
PROJECT NUMBER : 215		UNITS (F/M) : m		70.1	A		-44		
HOLE NUMBER :				109.1	A		-44		
				134.1	A		-44		
SETTING COORDS		ALTERNATE COORDS		166.7	A		-43		
GRID :		GRID :		195.1	A		-40		
NORTH : 88 + 00		NORTH : _____ + _____							
EAST : 91 + 15		EAST : _____ + _____							
ELEV : 460 m (TOPO 460 m)		ELEV : _____							
COLLAR BRNG		COLLAR SURVEY(Y/N) :							
GRID : 270 °		RQD LOG (Y/N) :							
ASTRONOMIC : _____		PULSE EM SURVEY(Y/N):							
COLLAR DIP: -45									
CONTRACTOR : TONTO		LOGGED BY : G. SHARP.							
CORE STORAGE : BARRIERE		START DEPTH: 0							
CASING : LIH		FINAL DEPTH: 197.2							
LOGGED (Y/N) :									
HOLE SIZE : NQ									
PURPOSE/COMMENTS : TO DELINEATE STRATIGRAPHY AND TO TEST MAX - MM CONDUCTOR									

HOLE NO. BAR 17

LOGGED BY G. SHARP

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 21.3	CASING							
21.3 36.9	ARGILLITE DEBRIS FLOW <ARB. DEBRIS>	black w white spots	vfg. matrix large grained clasts	- interbedded argillite and siltstone w multilithic debris flow material. - within debris flow: clasts of - arg 5% - chert 20% - rhy 5% - matrix 70%	- bedding 45°			
36.9 47.1	RHYOLITE <RHY>	gray w black + white spots	vfg med gr spots	- massive - rhyolite contains 1 to 2% q eyes <1% feldspar xtals (ev) +45.7-47.1 ft lg arg rip - ups 3cm-60cm		- "black" alteration of rhyolite - occurs as a bleaching effect (darkens areas) or as 1-3mm black spots - "black" alter could be carbon. - small quartz veinlets (>1%)		- 1% diss py either as disseminations or as fracture in fillings.

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
47.1 123.4	ARGILLITE <AR6>	black	vlg	- massive - homogeneous arg to fine laminated argillite and siltstone +116.5-118.5ft - multi-lithic coarse grained conglomerate 20-30% arg 30-40% chert 20-40% matrix to med gr clasts 1% py			1% py - occurs as clasts veinlets with limited occurrences	
123.4 197.2 E04 E04	RHYOLITE <RHY>	- grey to dk. grey	fg.	- massive - rhyolite contains 2 to 3% qtz 5 to 7% feldspar crystals		- mottled "black" alteration - also within small veinlets 1mm wide. - 2 to 4% of section qtz veining containing tr. galena to cpy?	- tr to 1% dis py - tr sph - tr po - tr ga - tr cpy +125.1-125.2ft 5 to 10% dis py +145.6-147.2ft - 1 to 2% sph - tr py - tr po +173.7-173.8ft 5% to 7% py	+172.8-175.1ft shear zone plus qtz veining. - 1% py - tr po

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 Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au					
			Cu	Zn																					
17828	43.8	44.6																							
17829	44.6	45.8																							
17830	124.2	125.2																							
17831	125.2	127.9																							
17832	127.9	129.3																							
17833	129.3	130.7																							
17834	130.7	132.0																							
17835	132.0	133.2																							
17836	133.2	134.7																							
17837	134.7	136.1																							
17838	136.1	137.5																							
17839	137.5	138.9																							
17840	138.9	142.0																							
17841	142.0	143.3																							
17842	143.3	144.8																							
17843	144.8	145.3																							
17844	145.3	146.6																							
17845	146.6	148.0																							
17846	148.0	149.4																							
17847	149.4	150.4																							

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 Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au			
			Cu	Zn																			
17848	150.4	151.9																					
17849	151.9	153.3																					
17850	153.3	154.8																					
17851	154.8	156.2																					
17852	156.2	157.7																					
17853	157.7	159.2																					
17854	159.2	160.7																					
17855	160.7	162.2																					
17856	162.2	163.7																					
17857	163.7	165.2																					
17858	165.2	166.7																					
17859	166.7	168.2																					
17860	168.2	169.8																					
17861	169.8	171.4																					
17862	171.4	172.8																					
17863	172.8	175.0																					
17864	175.0	176.5																					
17865	176.5	178.0																					
17866	178.0	179.5																					
17867	179.5	181.2																					

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 Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au			
			Cu	Zn																			
17868	181.2	181.4																					
17869	181.4	182.9																					
17870	182.9	184.4																					
17871	184.4	185.9																					
17872	185.9	187.4																					
17873	187.4	189.1																					
17874	189.1	189.3																					
17876	192.2	193.8																					
17877	193.8	195.3																					
17878	195.3	196.8																					
17879	196.8	197.2																					

DRILL HOLE RECORD

PROJECT NAME : BAR PROSPECT		DATE STARTED (M/D/Y): OCT 5		DIRECTIONAL DATA: A = Acid Test L = Light Log M = Multishot T = Tropari						
HOLE NUMBER: BAR 18		DATE COMPLETED(M/D/Y): OCT 9		DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS	
LOCATION : LAUREL DOME		DATE LOGGED (M/D/Y):		38.7	A		-50			
PROJECT NUMBER: 215		UNITS (F/M): M		53.6	A		-50			
CLAIM NUMBER :				78.3	A		-50			
				104.8	A		-50			
				145.4	A		-50			
PLOTting COORDS	GRID :	ALTERNATE COORDS	GRID :							
	NORTH: 86±00			NORTH: _____ + _____						
	EAST: 91±75			EAST: _____ + _____						
	ELEV: 580 m ALT 000			ELEV: _____						
440 m										
COLLAR BRNG	GRID : 270 °	COLLAR SURVEY (Y/N) :								
	ASTRONOMIC: _____ °	RQD LOG (Y/N) :								
	COLLAR DIP: -45 °	PULSE EM SURVEY(Y/N):								
CONTRACTOR : TOMCO		LOGGED BY : G. SHARP								
CORE STORAGE : BARRIERE		START DEPTH: 0								
CASING : L1H		FINAL DEPTH: 150 m								
PLUGGED (Y/N):										
HOLE SIZE : NQ										
PURPOSE/COMMENTS:		TO DELINEATE STRATIGRAPHY CONCLUSION: DIPPING TO THE WEST NOT EAST. - HAS GYPHYL								

HOLE NO. **BAR 18**

LOGGED BY

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 12.6	CASING							
12.6 41.0	ARGILLITE (ARG)	blk. to dk gray	vfg	-massive	45 to 70°			- rust on joint surfaces - throughout hole turbidite sequence shown a fining upwards of grain size ! tops up section
41.0 48.2	DEBRIS FLOW (ARG-DEBRIS)	gray w white and blk spots	fg to med qr v.fg matrix	- argillite to siltstone multi-lithic debris flow. chert 1-3mm 15% arg 3-5mm 15% sandstone 2-5mm 10% matrix 60%	45°			
48.2 95.7	ARGILLITE (ARG)	blk to dk gray	v.fg	-massive	45°	-slightly silicified		
95.7 150.0 EOT	DEBRIS FLOW (ARG-DEBRIS)	gray = blk and white spots	med to crse vfg matrix	- massive - variable size range clasts chert 1-7mm 15% arg 1-7mm 20% rhyo 0.5mm-1.5mm 5% SS 1cm-1.2cm 5% py 4-5mm >1% matrix 50-55%	45°			

DRILL HOLE RECORD

PROJECT NAME : <u>BAR PROSPECT</u>		DATE STARTED (M/D/Y): <u>OCT 9</u>		DIRECTIONAL DATA: A = Acid Test L = Light Log		M = Multishot T = Tropari			
HOLE NUMBER : <u>BAR 19</u>		DATE COMPLETED(M/D/Y): <u>OCT 11</u>		DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS
LOCATION : <u>LAUREL DOME</u>		DATE LOGGED (M/D/Y):		<u>44.2</u>	<u>A</u>		<u>-50</u>		
PROJECT NUMBER : <u>215</u>		UNITS (F/M) : <u>M</u>		<u>71.3</u>	<u>A</u>		<u>-49</u>		
HOLE NUMBER :				<u>94.8</u>	<u>A</u>		<u>-49</u>		
SPOTTING COORDS		ALTERNATE COORDS							
GRID :		GRID :							
NORTH : <u>85+00</u>		NORTH : _____+_____							
EAST : <u>90+60</u>		EAST : _____+_____							
ELEV : <u>850 m 430 m</u>		ELEV : _____							
COLLAR BRNG		COLLAR SURVEY(Y/N) :							
GRID : <u>270</u> °		RQD LOG (Y/N) :							
ASTRONOMIC : _____		PULSE EM SURVEY(Y/N):							
COLLAR DIP: <u>-50</u>									
CONTRACTOR : <u>TOMTO</u>		LOGGED BY : <u>G. SHARP</u>							
CORE STORAGE : <u>BARRIERE</u>		START DEPTH: <u>0</u>							
CASING : <u>LIH</u>		FINAL DEPTH: <u>120 151.2</u>							
LOGGED (Y/N) :									
HOLE SIZE : <u>NQ</u>									
PURPOSE/COMMENTS : <u>TO DELINEATE STRATIGRAPHY AND TO TEST MAX - MIN CONDUCTOR</u>									

HOLE NO. _____

LOGGED BY _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 10.5	CASING							
10.5 20.3	ARGILLITE <ARG>	gray to dk gray	vfg	- massive - matrix supported clasts	30°	- silicified	- tr to 1% py - tr po - sulfides occurring in clasts within the argillite	- matrix supported clasts - bleached at top of hole
20.3 24.7	DEBRIS FLOW <ARG DEBRIS>	gray w. white + black spots	fg, matrix med to fig. clasts	- massive - matrix supported clasts - multi lithic argillite chert 3-4mm 15% arg 1-3mm 20% rhyo 4-5mm 1% matrix 90-95%	30°		- tr to 1% py - tr po - sulfides in clasts	
24.7 69.7	ARGILLITE <ARG>	- gray	vfg	- massive - no clasts - fine discs of sulfides - could be rhyolite??		- intensely silicified	- disseminated - tr to 1% py - tr po - tr cpy	

FROM TO	ROCK TYPE	COLOR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
69.7 71.9	DEBRIS FLOW <DEBRIS FLOW>	gray w light and dark spots	vfg matrix med to cse clasts	- massive - multi lithic argillite - clasts are matrix supported - angular clasts arg 1-3 mm 5% chert 3-4 mm 10% rhyo 4mm - 5cm 30% - rhyolite clasts contain 1-3 mm quartz 1-2% also feldspar xstals 1-3 mm 2-3%		- silicification also "black" alt as veinlets	- 1% py - tr po, py - usually as clasts & sulfides or disseminations within clast.	
71.9 73.8	DIORITE DYKE <DIORITE>	gray w small blk + white specks	fg	- salt + pepper texture	45° contact			
73.8 122.0	DEBRIS FLOW <DEBRIS FLOW>	dk gray to gray w patches of light and dark	vfg matrix med to cse clasts	- variable size clasts in a argillite matrix - clasts rhyo 5mm - 6cm 20% arg 2mm - 5cm 30% chert 1mm - 2cm 10% matrix 40%			- tr cpy - tr po - 1% py - sulfides occurring as clasts or as disseminations	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
122.0 126.8	BRECCIATED RHYOLITE <BREC. RHYO>	light gray to dark gray	Sq. matrix med. grained xtals	- tectonically brecciated rhyolite - fissures and fractures infilled w black alt. - this unit could also be one/several lg clasts within a debris flow sequence.		"black" alteration	- tr to 1% py and po as disseminations or small blebs	
126.8 143.0	DEBRIS FLOW <DEBRIS FLOW>	dk matrix light gray clasts	vfg. matrix med to cse clasts	- a series of fine to coarse sedimentary debris material - of interval 40% crse debis 10% siltstone 50% argillite - within crse debris 20% rhyolite 20% chert 30% argillite 5% sulfides 25% matrix			- tr to 1% py and po - tr cpy. #128.7-133.0+ within cse debris - 2 to 3% py - 4 to 5% po - tr py - sulfides as clasts 2-5mm or as disseminations	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
143.0 146.2	RAMOLITE <RH40>	- light olive green - spotted with sulfides	- fg	- massive - spotted w sulfides		- sericitization and Fe carb?	- 4 to 5% po - 1 to 2% py - tr light brown sph? - occurring as small 2-5mm blebs, disseminations or in small hair line fractures	
146.2 151.2 E0H.	DEBRIS FLOW <DEBRIS FLOW>	- dk gray to black matrix - white to light gray spots	- matrix fg - clasts med to coarse	- sequence of coarse debris to fine argillite - coarse debris 50% of section contains 10% rhyo 40% chert 20% arg. 30% matrix - argillite 50% of section - laminations look mottled or swirled		- some sericite	- tr to 1% py - 1% po	

