DRILL HOLE RECORD

Bar Project
Little Dixon
Lake Grid

824708

PROJECT NAME :	BAR PROPERTY	DATE STARTED (M/D/Y):	OCT 26		
HOLE NUMBER :	BAR 24	DATE COMPLETED (M/D/Y):	OCT 28		
LOCATION :	LITTLE DIXON GRID	DATE LOGGED (M/D/Y):			
PROJECT NUMBER :	215	UNITS (F/M) :	M		
CLAIM NUMBER :					
PLOTTING COORDS	GRID : LITTLE DIXON GRID	ALTERNATE COORDS	GRID :		
	NORTH : 101+00. N		NORTH : _____+___		
	EAST : 16+25. E		EAST : _____+___		
	ELEV : 1130m.		ELEV : _____.___		
COLLAR BRNG	GRID : 225° __' __"	COLLAR SURVEY (Y/N) :			
	ASTRONOMIC : 225 __' __"	RQD LOG (Y/N) :			
	COLLAR DIP : -50 °__' __"	PULSE EM SURVEY (Y/N) :			
CONTRACTOR :	FRONTIER	LOGGED BY :	G. SHARP		
CORE STORAGE :	BARRIERE	START DEPTH :	0		
CASING :	LIH	FINAL DEPTH :	150.6		
PLUGGED (Y/N) :					
HOLE SIZE :	NQ				
PURPOSE / COMMENTS :	TO TEST BROAD ZN ANOMALY				

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

DEPTH (m)	TYPE A/L/M/T	ASTRONOMIC AZIMUTH	DIP	FLAG	COMMENTS
6	A		-50		
90.5	A		-50		
145.4	A		-50		

HOLE NO. BAR 24

LOGGED BY G. SHARP

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 6.8	CASING							
6.8 15.5	INT/MAFIC FLOW <INT/MAF>	light to dark green		- massive. - mottled texture of chlorite and qtz veining / matrix	50° →	- chloritized - some fe oxidation +13.9-14.9 + qtz vein.	- tr py	- very blocky and broken - some pieces rounded - could still be lg boulder ∴ start at 10.7 m with Int flow.
15.5 150.6 EOH	ASH TO LAPILLI DACITIC TUFF <DAC TUFF>	light green to light gray	fg. matrix fragments med to csc	- massive - ash to lapilli sized fragments in a dacite. - tectonically brecciated confined to zones throughout hole +33.3-40.1 + tect. brecciated +88.7-92.8 + tect. brecciated plus sulfides/qtz veining +114.1-117.2 + tect brecciated plus sulfides/qtz veining	45°	- sericitic - silicified - alteration tends to be confined to patches throughout hole either sericitized or silicified	- 3 to 4% py within veinletts or as disseminations - veinletts of py tr cpy? occurs mainly in the silicified/qtz veined zones +71.8-74.4 + 5-10% diss py as veinletts - tr cpy ? +89.7-90.3 + 5-10% diss py as veinletts - tr cpy +102.6-102.8 + 7-10% py +113.1-114.4 + 10% py	- fragment gradiation from 1-3 mm to 3-5 mm in repeatitive sequences - fault zone w/ gouge +41.0-41.6 + fault +42.0-42.2 + fault +43.3-43.8 + fault +92.2-92.8 + fault

HOLE NO _____ PAGE _____

ASSAY SHEET

Sample Number	From ( )	To ( )	Estimate Cu	Estimate Zn	Length ( )	% Cu	% Zn	% Pb	gm/T Ag	gm/T Au	% SiO_2	% TiO_2	% Na_2O	% MgO	% Fe	PPM Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au			
17889	13.9	14.9																					
17891	22.5	24.1																					
17893	33.3	34.9																					
17894	41.4	43.2																					
17895	43.5	45.0																					
17896	47.3	48.7																					
17897	48.7	50.2																					
17900	69.6	71.1																					
17726	71.1	71.8																					
17727	71.8	73.2																					
17728	73.2	74.4																					
17730	86.4	87.5																					
17731	87.5	88.8																					
17732	88.8	90.3																					
17733	90.3	92.0																					
17734	100.8	102.1																					
17735	102.1	102.9																					
17736	111.8	113.0																					
17737	113.0	113.8																					
17738	113.8	114.2																					

HOLE NO _____

PAGE _____

LITHOGEOCHEMISTRY

SAMPLE NUMBER	FROM ( )	TO ( )	MAJOR OXIDES										TRACE ELEMENTS									
			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	
17890	16.4	18.5																				
17892	24.7	26.7																				
17898	55.6	57.8																				
17899	63.8	66.5																				
17729	84.7	86.4																				
17739	130.6	132.1																				
17740	144.6	147.4																				

Hole No. _____ Entered by _____ Logged by _____ Page No. _____

DRILL HOLE RECORD

OJECT NAME :	BAR PROJECT	DATE STARTED (M/D/Y):	OCT 28		
LE NUMBER:	BAR 25	DATE COMPLETED(M/D/Y):	OCT 30		
CATION :	LITTLE DIXON LK.	DATE LOGGED (M/D/Y):			
OJECT NUMBER:	215	UNITS (F/M) :	M		
AIM NUMBER :					
OTTING COORDS	GRID : LDL	ALTERNATE COORDS	GRID :		
	NORTH: 102+85N		NORTH : ____+___		
	EAST : 9+15E		EAST : ____+___		
	ELEV : 1220.M		ELEV : _____.___		
OLLAR BRNG	GRID : 225° __' __"	COLLAR SURVEY(Y/N) :			
	ASTRONOMIC : ___ __' __"	RQD LOG (Y/N) :			
	COLLAR DIP: -50 __' __"	PULSE EM SURVEY(Y/N):			
NTRACTOR :	FRONTIER	LOGGED BY :	G. SHARP		
ORE STORAGE :	BARRIERE	START DEPTH:	0		
ASING :	L/H	FINAL DEPTH:	145.4		
LUGGED (Y/N) :					
OLE SIZE :	NQ				
URPOSE/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
63	A		-50		

HOLE NO. BAR 25

LOGGED BY G. SHARP

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 3.6	CASING							
3.6 6.1	CHERT <CHT>	light green to green	vfg	- massive - fine laminations or beds +5.1-6.1+ qtz and chert fragments in a chert matrix - clasts 3-9mm 10% of zone.	70-80°	- Fe oxidation patchy throughout zone.		
6.1 14.6	DEBRIS FLOW <DEB. FLOW>	- grey to black w white + black spots	matrix fg clasts mod to crse	- argillite and chert with clasts of arg 3-5mm 5% chrt 6-10mm 15% qtz 7-8mm 30%	60	- silicification - graphite - Fe oxidation - qtz veining 5% of zone	- tr to 1% py	- broken up.

HOLE NO _____

PAGE _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
14.6 125.3	ALT ARG AND CHERT (ALT SEDS)	mottled light to dk. grey to black	fine to crse	- sequences of altered to intensely altered arg w/ qtz clasts 3mm - 2cm +70.2-92.5+ ribbon chert 1-2% py 5% qtz veining +92.4-95.7+ +96.9-106.9+ graphitic argillite w/ 5% qtz veining +106.9-120.0+ intensily silicified argillite to brownish green chert. - 2% dis py +120.0-124.0+ graphitic argillite w/ 2% qtz veining and 5 to 7% 1-4mm qtz clasts	90° 80-90°	- silicification - sericitization - graphitic - alt tends to be in patches throughout section - qtz veining throughout section (5-10%)	1 to 2% dis py	+78.8-79.2+ - fault gouge +85.0-85.4+ - fault zone - gouge

HOLE NO _____ PAGE _____

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
125.3 132.3	MAFIC DEBRIS FLOW <MA DEBRIS>	light to dk green black white spots	matrix fg clasts med to crse	- matic debris flow with multi-lithic 1 to 3 mm chunk 15 % qtz 10-15 % feld. 1-2 % pyrox (matic mi) 10-15 matrix 53-64 %		- chloritization - 1% qtz veining 2-4 mm	tr to 1% py - as dissemination	
132.3 145.4 EOH	MAFIC FRAGMENTAL <MA FRAG>	light to dk green	matrix fg frags fine to crse	- massive matic fragmental - wide range of fragmental size feldspars 1-3mm 5% pyrox (matic mins) 1-4 mm 10-20 % matic fragments 1-2 cm 10-15% matrix 60-75 %		- chloritization - qtz veinletts	tr py	

HOLE NO _____

PAGE _____

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	
17741	3.9	4.9																				
17743	16.8	18.3																				
17813	86.2	88.2																				
17816	113.2	115.4																				
17817	127.3	129.4																				
17818	137.3	139.3																				

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ASSAY SHEET

Sample Number	From ( )	To ( )	Estimate Cu	Estimate Zn	Length ( )	% Cu	% Zn	% Pb	gm/T Ag	gm/T Au	% SiO_2	% TiO_2	% Na_2O	% MgO	% Fe	PPM Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au			
17742	15.7	16.6																					
17744	19.2	19.8																					
17745	20.2	20.9																					
17746	22.4	23.3																					
17747	25.7	27.5																					
17748	27.7	29.1																					
17749	29.1	29.8																					
17750	38.1	39.7																					
17814	88.8	90.0																					
17815	111.7	112.9																					

HOLE NO _____

PAGE _____