

DRILL HOLE REPORT

Hole Number **H-18-3508**

Project: **BUCHANS 2018**

Project Number:

<u>Drilling</u>		<u>Casing</u>		<u>Core</u>		<u>Location</u>		<u>Other</u>	
Azimuth:	0	Length:	20	Dimension:	NQ	Township:		Logged by:	Paul Moore
Dip:	-90	Pulled:	no	Storage:	RRO Buchan	Claim No.:	ML.222	Relog by:	
Length:	38.5	Capped:	yes	Section:		NTS:	12A/15	Contractor:	Cabo Drilling
Started:	01-Jul-18	Cemented:		Hole Type	DD	Hole:	SURFACE	Spotted by:	Paul Moore
Completed:	03-Jul-18							Surveyed:	
Logged:	03-Jul-18	Relogged:						Surveyed by:	John Horwood
Comment:	Rename H-18-3508. Hole collared approximately ~10-12 m north of surveyed picket (north of surveyed coordinates above). Section 512150E. Water taken from Queen Mary pond.					<u>Local Grid Coordinate</u>		<u>UTM Coordinate</u>	
						East:	0	East:	512152.52
						North:	0	North:	5408197.921
						Elev.:	235.4959	Elev.:	238.363
						Zone:	21	NAD:	1983
								Left in hole:	Casing
								Making water:	no
								Multi shot survey:	

Deviation

Distance	Azimuth	Dip	Type	Good	Comn
0.00	0.00	-90.00	C	☒	
38.50	202.10	-86.50	F	☒	mag fix

LITHOLOGY REPORT

Hole Number **H-18-3508**

Project: **BUCHANS 2018**

Project Number:

From (m)	To (m)	Lithology	Sample #	From	To	Length	Cu (%)	Pb (%)	Zn (%)	Ag (ppm)	Au (ppb)
0.00	20.60	OB Overburden									
		Upper Contact:									
		Colour:									
		20 cm boulder/piece of arkosic conglomerate at start of core box.									

LITHOLOGY REPORT

Hole Number **H-18-3508**

Project: **BUCHANS 2018**

Project Number:

From (m)	To (m)	Lithology	Sample #	From	To	Length	Cu (%)	Pb (%)	Zn (%)	Ag (ppm)	Au (ppb)
20.60	30.30	BAR SM-barite-QtzXtal/dbx,<20%py-sp-gl(SM-Barite-Sp-Gl Upper Contact: Colour: Green-grey Light-grey semimassive to locally massive barite with sections of Quartz crystal tuff/debris. Baritic sections have significant base metals sulphides locally up to 20-30% base metals sulphides over 10-20 cm. Baritic material tends to be massive and intact, while Qtz crystal tuff sections are often sheared/ broken and blocky. Qtz crystall tuff sections are typically <0.5 m to often 10 cm wide, sericitic, often schistose with Q<7%<2 mm and trace pyrite+/- base metals. Overall, unit is badly broken to locally sheared and gouged with bad gouge/broken core from 25.1 to 25.7 m as well as multiple sections < 10 cm wide. Unit badly sheared from 27.5 to 30.3 m. Note only 55 cm core preserved from 29.0 to 30.3 m.	18-319503	20.60	21.60	1.00	0.09	1.08	1.67	33	331
			18-319504	21.60	22.60	1.00	0.09	0.54	0.88	48	165
			18-319505	22.60	23.60	1.00	0.16	1.32	2.02	90	703
			18-319507	23.60	24.60	1.00	0.13	0.82	0.91	155	997
			18-319508	24.60	25.60	1.00	0.27	1.09	1.80	85	636
			18-319509	25.60	26.60	1.00	0.48	1.03	1.98	196	1221
			18-319511	26.60	27.60	1.00	0.19	1.06	1.71	61	638
			18-319512	27.60	28.60	1.00	0.11	0.53	0.62	16	160
			18-319513	28.60	29.00	0.40	0.27	0.30	0.48	13	162
			18-319514	29.00	30.30	1.30	0.16	0.26	0.35	11	61
		Mineralization Maj. : Type/Style/%Mineral Comment 20.60 - 29.00 BAR COPPER LEAD ZINC PYRITE									
30.30	38.50	ARK Arkose,barren(SL) arkose(SL) Upper Contact: Tectonic Fault Colour: Pale-green Barren, massive, weakly fractured pale green to locally pinkish-orange coarse arkose with a few cobbles of rhyolite, and smaller lapilli-sized clasts of basalt and other lithics. Unit hosts quartz in matrix including crystals/eyes up to 4 mm. U.C. sheared Thrust Fault. Upper contact not preserved (lost core) but strain appears to be taken up in overlying unit. E.O.H. @	18-319515	30.30	31.30	1.00	0.00	0.00	0.01	0	3

LITHOLOGY REPORT

Hole NumberH-18-3508

Project:BUCHANS 2018

Project Number:

From (m)	To (m)	Lithology	Sample #	From	To	Length	Cu (%)	Pb (%)	Zn (%)	Ag (ppm)	Au (ppb)
-------------	-----------	-----------	----------	------	----	--------	-----------	-----------	-----------	-------------	-------------

38.500.00

Upper Contact:
Colour:

EOH