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Depth & Lithology	Description	Alteration	Mineralization
0 - 57	Overburden		
57 - 188	Dacite tuff, Buchans River Fm light green to almost black, flecked with abundant white plagioclase crystals local hard rhyolitic zones or inclusions 141 - 148 light brown rhyolite 148 - 188 dacite tuff coarser than 57 - 141 and has a few small clasts of siltstone and rhyolite 182 - 188 more sericitic and weakly sheared @ 45 - 50° to the core	weak to moderate sericitic and chloritic alteration	
188 - 270	Sediments light grey to locally pink wacke, siltstone and conglomerate 188 - 219 sections of conglomerate to sedimentary breccia generally pinkish and arkosic (similar to Sandy Lake Fm) 219 - 270 mainly grey siltstone and wacke commonly pyritic bedded at 40 - 45° to the core	local black chloritic fractures towards 270 (resembles siltstone at bottom of H2651)	1 - 2% pyrite with local zones to 5% from 188 - 219
270 - 466	Altered felsic and intermediate tuffs buff to grey and locally dark green mainly buff felsic 270 - 360 360 - 466 interbanded buff felsic and dark chloritic pumiceous tuff, dark "intermediate" tuffs have a white silicified matrix and locally resemble Ski Hill fragmental ≈ 347 - 352 fault gouge and breccia, poor core recovery 344 - 365 ≈ 10' recovered 466 - E.O.H. -	Strong quartz - sericite ± chlorite from 270 - 360 360 - 466 strong quartz ± sericite ± chlorite alteration	3 - 5% pyrite throughout with local zones to 25 or 30% local disseminated and stockwork base metal sulphides. Strongest from 270 - 344 but continues to 456' previously sampled from 270 - 344
	Alteration similar to Powerhouse and Woodman's Brook zones.		

HOLE NO. H2872

J. TUACH GEOLOGICAL CONSULTANTS, INC.
DIAMOND DRILL CORE ASSAYS

SHEET NO. 1 of 1

PROJECT NO. _____

HOLE NO. 2872

PROPERTY Buchans Mining Lease

Sample No.	From (metres)	To (metres)	Length (metres)	DESCRIPTION	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	Ba (ppm)
2872	82.3	85.3	3.0	¼ core quartz sericitic altered felsic volcanic						
	85.3	88.4	3.1	¼ core to intermediate 3-5% locally 30%						
	88.4	91.4	3.0	¼ core stockwork ad disseminated						
	91.4	94.5	3.1	¼ core base metal sulphides						
	94.5	97.5	3.0	¼ core						
	97.5	100.6	3.1	¼ core						
	100.6	104.9	4.3	¼ core						
	104.9	107.9	3.0	½ core						
	107.9	110.9	3.0	½ core						
	110.9	114.0	3.1	½ core						
	114.0	117.0	3.0	½ core						
	117.0	120.1	3.1	½ core						
	120.1	123.1	3.0	½ core						
	123.1	126.2	3.1	½ core						
	126.2	129.2	3.0	½ core						
	129.2	132.2	3.1	½ core						
	132.3	135.3	3.0	½ core						
	135.3	138.4	3.1	½ core						
	138.4	142.0	3.6	½ core						

117.0 - 120.1 (<30% core recovery)