

BUCHANS MINING CO., LTD.
DIAMOND DRILL HOLE RECORD

12A/15/100

Location Crown Lands - Buchans Junction Area - Woodman's Brook
Direction down Dip vertical
Started June 25, 1962. Finished August 14, 1962.

Buchans Mine COORDINATES - Approximate
N 7180 E 28,740
Elevation 895

Hole No. B.J. 41
Depth 1302

General	DESCRIPTION			CORE							SLUDGE								
	Section		Core Rec. %	Economic	Sample No.	Oz. Au.	Oz. Ag.	% Cu.	% Pb.	% Zn.	% Fe.	Sludge Sect.	Sample No.	Oz. Au.	Oz. Ag.	% Cu.	% Pb.	% Zn.	% Fe.
	From	To																	
0-15 Overburden																			
15-800 Dacite formation. Porphyritic & Non-Porphyritic complex of contemporaneous flows, intrusives, fragmentals.	15	245	64	15-630 Flecks & Veinlets pyrite.															
	245	2282	78																
	282	332	67	630-760 Barren.															
Dacite tuff bands 245-246, 260-271, 278-282, 329-331, 333-344, 362-373,	332	416	62																
397-401, 405-407, 409-418; coarse dacite tuff 630-662; trachyte sill 662-760;	416	630	79	760-800 Occasional fleck pyrite.															
diabase sill 760-770; shaley dacite tuff 773-800. Diabase sills & dykes	630	666	94																
	666	756	90																
	756	775	84																
	775	800	63																
298-302, 373-378, 401-405, 407-409, 426-428, 434-437, 440-455.5, 456-457.5, 475-477. Bands of trachyte 607-610, 611-612, 613-620, 623-630. Dacite is hard, fine grained, siliceous. Erratic quartz & feldspar phenocrysts. Fractured with calcite veining. Grey, buff, purplish & grey-green color.																			
800-865 Volcanic breccia. Coarse dacite tuff matrix. Acid & basic fragments. Considerable fracture some calcite veining.	800	870	100	800-865 Barren															
865-1098 Dacite tuff, coarse, as above matrix. Occasional acid fragment. Fractured - calcite veining. 5-6" patches of siltstone and grit 996-1017.5; bands of siltstone & grit 1017.5-1022, 1024.5-1027.5, 1028.5-1035.5, 1038.5-1041, 1045.5-1047.5, 1062.5-1068, 1076.5-1077. Diabase sills 879-909, 982-986, 1088-1097.	870	990	94	865-1098 Barren															
	990	1072	100																
	1072	1095	91																
1098-1302 Intermediate tuff. Grey-green, fine grained, gritty. Occasional lava grain & feldspar grain. Considerable fracture calcite veining.	1095	1302	85	1098-1302 Very lightly disseminated pyrite.															

3" Pipe
BX Core
AX Core

SIZE OF CORE	From	To
	0	15
	15	30
	30	1302
	From	To

REMARKS

Examined by E. H. Swanson Engineer
Approved _____ Manager

BUCHAN'S MINING CO., LTD.

Hole No. B.J. 41
Depth 1302

1302 ' End of Hole.

Examined by E. H. Arznoo Engineer

Approved _____ Manager