

4M-1253 Dicks

BUCHAN'S MINING CO., LTD.
DIAMOND DRILL HOLE RECORD

Location Crown Lands-Buchans Junction Area-Woodman's Brook
Direction Down Dip Vertical
Started July 4, 1963 Finished September 13, 1963

Buchans Mine COORDINATES - approximate
N 8160 E 28,730
Elevation 925

Hole No. B.J. 46
Depth 1314

General	DESCRIPTION			Economic	CORE								SLUDGE							
	Section From	To	Core Rec. %		Sample No.	Oz. Au.	Oz. Ag.	% Cu.	% Pb.	% Zn.	% Fe.	Sludge Sect.	Sample No.	Oz. Au.	Oz. Ag.	% Cu.	% Pb.	% Zn.	% Fe.	
0-9 Overburden.																				
9-821. Dacite formation. Porphyritic & non porphyritic complex of contemporaneous flows, intrusives and fragmentals. Grey, pale grey, grey-buff & pale grey-green color. Hard, siliceous, fine grained. Diabase sill 374-377. Fractured, some calcite veining.	9	824	86	9-821 Flecks pyrite throughout. Occasional fleck Pb-Zn 240-340. 1/2" massive Pb-Zn at 300'. A few flecks Pb-Zn at 400'.																
821-1090 Volcanic breccia. Acid, intermediate & rare andesite fragments in coarse gritty dacite matrix. Erratic yellowish-green chloritic alteration in matrix. Mainly dacite 1064-1082. Considerable fracturing- minor veining.	824	1090	68	821-1090 Barren.																
1090-1095 Red Jasper	1090	1096	45	1090-1095 Barren.																
1095-1169 Rhyolite porphyry sill. Hard, fine grained, dark grey-brown, bleached orange-buff. Pug zone 1129-1136. Heavy fracture, calcite veining. Quartz & feldspar phenocrysts.	1096	1170	17	1095-1169 Barren.																
1169-1183 Diabase. Fine grained greenish-black. Occasional amygdule. Heavy fracture-calcite veining.	1170	1183	43	1169-1183 Barren																
1183-1314 Intermediate flow. Hard, fine grained, siliceous. Grey- green bleached buff & grey. Flecks chloritic alteration. Occasional	1183	1314	61	1183-1314 Flecks & tiny veinlets pyrite.																

SIZE OF CORE
BX casing From 0 To 9
BX core From 9 To 21
AX " From 21 To 1314
From To

REMARKS

Examined by

E. R. Johnson

Engineer

Approved

Manager

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Location Crown Lands-Buchans Junction Area-Woodman's Brook
 Direction Down Dip Vertical
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N. 3160 E. 28,730
Elevation

Hole No. B.J. 46
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[illegible]

SIZE OF CORE

REMARKS.

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BX casing      From.....0.....To.....9.....
BX core        From.....9.....To.....21.....
AX core        From.....21.....To.....1314.....
                From.....To.....

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Examined by.....*H. H. Harrison*.....
Engineer

Approved.....
Manager