

4M-12-53 Dicks

BUCHANS MINING CO., LTD. DIAMOND DRILL HOLE RECORD

Location Crown Lands - Buchans Junction Area - East Branch River.
 Direction down Dip vertical
 Started October 6/62 Finished June 15, 1963.

Buchans Mine COORDINATES - Approximate
 N. 8025 E. 24,600
 Elevation 755

Hole No. B.J. 44
 Depth 2200

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																		
0-80 Overburden.																			
80-1393 Andesite formation - continu- ation of Oriental hanging wall for- mation. Composed of andesite tuff & agglomerate 86-289.5; porphyritic andesite flow 289.5-608; dacite tuff 608-628.5; bedded intermediate tuffs, partly shaley 628-655, bedding dips 15-25°. Dacite tuff 655-658; porphyritic andesite flow 658-843; andesite tuff & agglomerate 843-1393. Dark grey-green color in general. Fractured-calcite veining.	80	290	84	80-1393 Barren except for a few veinlets and patches disseminated pyrite 590-598; a few veinlets pyrite 652-655; occasional veinlet pyrite 658-688, 1204-1220; occasional veinlet chalcopryrite and a few patches with several veinlets chalcopryrite.- 1220-1293.															
	290	610	95																
	610	628	88																
	628	653	93																
	653	660	65																
	660	844	89																
	844	1396	84																
1393-1490 Trachyte sill. Orange & flesh colored, fine grained. A few vague feldspar phenocrysts. Heavy fracture - calcite veining.	1396	1490	34	1393-1490 Barren.															
1490-2200 Arkosic grit and conglomerate. Medium to coarse grained grit; brownish colored. Fractured - calcite veining. Grit composed of quartz & feldspar grains & reddish siliceous lava grains. Minor fracturing.	1490	1868)	58	1490-2200 Barren															
	1868	2200)																	
2200' End of Hole																			

3" Pipe
 EX Core
 AX Core

SIZE OF CORE
 From 0 To 80
 From 80 To 101
 From 101 To 2200
 From To

REMARKS

Examined by

E. L. Swanson

Engineer

Approved

Manager