

BUCHANS MINING CO., LTD. DIAMOND DRILL HOLE RECORD

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Location Oriental Surface
Direction Down Dip Vertical
Started November 12, 1937 Finished December 15, 1937

COORDINATES
N 8450 E 11,600
Elevation 811.6'

Hole No. 254
Depth 470'

DESCRIPTION

CORE

SLUDGE

SECTION		GENERAL	ECONOMIC	Core Rec %	Sample No.	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn	% Fe	Core Rec %	Sample No.	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn	% Fe
From	To																		
74	75	0'-74' Overburden. 74'-75' Bedrock reported at 74'. Core recovered 74'-75' is lava, sediments and diabase; probably boulders.	74'-197' Barren	90															
75	79	75'-79' Amygdaloidal lava, Green, hard. Flow breccia 77'-79'.		90															
79	85	79'-85' Dacite. Green, somewhat altered.		53															
85	89	Mad at 92'.		40															
89	99	92'-102' Dacite. Green, fresh.		18															
99	102			20															
102	106	102'-107' Dacite. Green, somewhat altered		30															
106	109	107'-126' Dacite. Green, fresh.		53															
109	112	Plagioclase feldspar 1/8" common.		40															
112	115			33															
115	119			50															
119	126			60															
126	129	126'-173' Rhyolite. Red, Rhyolite breccia		50															
129	133	164'-166', fragments up to 1/4".		30															
133	136			40															
136	144			59															
144	149			12															
149	159			54															
159	164			24															
164	166			40															
166	169			50															
169	171			40															
171	173			65															
173	174	173'-188' Tuff. Dark red, with much		90															
174	177	feldspar and quartz. Rock much the same		40															
177	180	as rhyolite but no glassy eyes.		97															
180	183			30															
183	188			38															
188	191	188'-197' Tuff. Same as 173'-188', but		60															
191	197	brighter red.		25															
197	200	197'-198' Dacite fragmental.	197'-395' Barren	90															
		198'-199' Dacite, light gray-red.																	
200	206	199'-202' Dacite. Olive green. Numerous		53															
206	211	white feldspar crystals. Slightly altered		42															

SIZE OF CORE		REMARKS
From	To	
1 1/4" From 74'	To 79'	Sludges of all sections having low core recovery were panned. No ore sulphides present except in section 395'-410' where a small amount of lead zinc sulphides was seen.
7/8" From 79'	To 470'	
From	To	

Examined by _____
Approved by _____
Engineer
Manager

BUCHANS MINING CO., LTD. DIAMOND DRILL HOLE RECORD

Location Oriental Surface
Direction Down Dip Vertical
Started November 12, 1937 Finished December 15, 1937

COORDINATES
N 9450 E 11600
Elevation 811.60'

Page 2
Hole No. 254
Depth 470'

SECTION			DESCRIPTION	ECONOMIC	CORE							SLUDGE							
From	To	GENERAL			Core Rec %	Sample No.	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn	% Fe	Core Rec %	Sample No.	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn
211	219	6" rhyolite 205'.			50														
219	226				44														
226	229				20														
229	232				40														
232	237	232'-237' Agglomerate. Core badly broken.			20														
237	252	237'-252' Agglomerate. Fragments of			70														
252	259	tuff and rhyolite, former predominating,			50														
259	269	up to 3/4".			42														
269	279	252'-280' Agglomerate. Fragments (1/2")			34														
279	288	of dacite with a few fine sediments.			70														
288	297	280'-308' Dacite fragmental. Gray-green.			85														
297	308	All fragments are dacite.			85														
308	312	308'-320' Dacite. Hard. Brown-white			40														
312	320	feldspar common.			60														
320	330	320'-326' Dacite fragmental. Hard,			52														
330	340	dark green. Rhyolite fragments at 342'.			28														
340	347				51														
347	352				94														
352	364				100														
364	370				100														
370	380				72														
380	397				93														
397	399				100														
399	404	396'-399' Agglomerate. Fragments of	396'-399' Well mineralized by lead		95	16-5240	N11	Tr.	0.1	2.2	2.6	5.1							
		trachytic lava and tuff.	zinc sulphides.		92	1	"	"	0.1	0.8	1.7	4.0							
		399'-404' Tuff. Brecciated 399'-402'	399'-404' Trace lead zinc sulphides.																
404	409	404'-405' Agglomerate. Same as 396'-399'.	404'-409' Trace lead zinc sulphides.		45	2	"	"	Tr.	0.9	1.5	2.8							
409	416	405'-470' Trachytic lava. Reddish-brown,	409'-470' Barren.		22														
416	420	hard.			0														
420	430				16														
430	439				17														
439	442				23														
442	445				11														
445	446				60														
446	450				28														
450	453				23														
453	456				35														
456	456				60														

SIZE OF CORE	
From	To
1 1/4" From 74'	To 79'
3/4" From 79'	To 470'
From	To

REMARKS

Examined by

Engineer

Approved by

Manager

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Location Oriental Surface
 Direction Down Dip Vertical
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COORDINATES
 N 8450 E 11600
 Elevation 811.6'

Hole No. 254
 Depth 470'

DESCRIPTION

CORE

SLUDGE

SECTION		GENERAL	ECONOMIC	Core Rec %	Sample No.	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn	% Fe	Core Rec %	Sample No.	Oz. Au	Oz. Ag	% Cu	% Pb	% Zn	% Fe
From	To																		
456	458			30															
458	462			56															
462	467			19															
467	470			100															
END																			

SIZE OF CORE			REMARKS
From	To		
1 1/4"	From 74'	To 79'	
3/4"	From 79'	To 470'	
	From	To	

Examined by *W. H. Blodgett* Engineer
 Approved by *[Signature]* Manager