

ABITIBI-PRICE INC. MINERAL RESOURCES DIVISION

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 549 PAGE NO. 1

MAP REFERENCE NO.

CLAIM NO.

LOCATION (Twp., Loc., Con. OR Lat. and Long.)

N6700
E13,800

PROPERTY NAME

DRILLING COMPANY		COLLAR ELEVATION 737.8	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE 539	Depth (feet)	Dip	Azimuth (True)	Comments
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED May, 1984	LOGGED BY J.C. Thurlow			90		
EXPLORATION CO., OWNER OR OPTIONEE		CORE SIZE EX	DISPOSITION OF CASING					

FOOTAGE		DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	Sample Footage		Sample Length	Assays				
FROM	TO		From	To		Cu	Pb	Zn	As	Ag
0	98	Overburden								
98	415	Basaltic volcanics - mainly tuffs, possibly some coarse fragmentals and flows - no amygdulites								
		- characterized by large plagioclase 2-4 mm - orange to whiteish								
		- minor disseminated pyrite								
		- 108-113' diabase								
		- minor calcite and epidote veining								
		- 195-197' diabase								
		- 220-240' some define fragments								
		- crude elongation locally @ 60-70° to core								
		- 354-298' finer grained mafic tuff								
		- beginning @ 317' a few amygdulites								
		- 346' onward - finer grained mafic tuffs - foliated 45-55° to core								
		- split core begins 371' - sheared								
		- 371-376' mafic tuff - 1% Pb-Zn in assay	371	376	5.0'	N	0.4	0.6	N	N
		- 376-382' strongly sheared intermediate-felsic rock - may have been dacite	376	381	5.0'	N	Tr.	0.4	N	N
		- 382-406' greyish sugary silicified quartz-bearing felsic rock	381	387	6.0'	N	N	0.4	N	N
		- minor disseminated pyrite and traces Pb-Zn dissem. and veinlet	387	393	6.0'	N	N	N	N	N
		- broken friable split core - difficult to examine effectively	393	399	6.0'	N	N	N	N	N
		- 406-415' strong shearing 60-90° to core - protolith arkose and mafic volcanic.	399	406	7.0'	N	Tr.	0.4	N	N
15	477	Arkose, brown poorly sorted, fine to coarse grained with some pebble conglomerate								
77	518	Split core - ore horizon silicified rhyolitic pyroclastic breccia								
		- altered, sericitized matrix, silicified fragments, dissem. Pb-Zn								
		- variety of lithic fragments: greyish silicified and masked rhyolite, pink rhyolite - greenish dacitic tuff matrix								
		- bottom contact not cored								
18	539	Lithic arkose and pebble conglomerate - poorly sorted.								
		539 END								

As far as such as foliation, bedding, schistosity measured from the long axis of the core

BUCHANS MINING CO., LTD. DIAMOND DRILL HOLE RECORD

Sheet 1

Location Surface east of OrientalDirection DownDip VerticalStarted September 8, 1944 Finished October 21, 1944.

COORDINATES

N 6700 E 13,600Hole No. 549Depth 539'Elevation 737.0

DESCRIPTION				CORE								SLUDGE							
GENERAL	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																	
0-98 Overburden.																			
98-113 Dark grey-green amygdular andesite lava; only scattered amygdules. Fine grained; no phenocrysts. Fairly hard and massive.	98	101	90	98-295 Barren.									125-130	271473	N11	N11	N11	N11	8.7
	101	104	70										130-135	271474	N11	N11	N11	N11	12.8
	104	106	55										135-140	5	N11	N11	N11	N11	9.5
	106	113	90										140-145	6	N11	N11	N11	N11	11.3
113-264 Dark grey-green, porphyritic andesite lava flow; has large feldspar phenocrysts in a fine grained matrix. Fairly massive. A few amygdules.	113	117	60										145-150	7	N11	N11	N11	N11	8.6
	117	130	85										150-155	8	N11	N11	N11	N11	9.7
	130	139	65										155-160	9	N11	N11	N11	N11	7.8
	139	151	100										160-165	271480	N11	N11	N11	N11	7.0
	151	160	80										165-170	1	N11	N11	N11	N11	7.4
	160	172	70										170-175	2	N11	N11	N11	N11	4.4
	172	180	60										175-180	3	N11	N11	N11	N11	5.6
	180	191	50										180-185	4	N11	N11	N11	N11	4.3
	191	200	70										185-190	5	N11	N11	N11	N11	4.4
	200	210	40										190-195	6	N11	N11	N11	N11	4.4
	210	221	60										195-200	7	N11	N11	N11	N11	4.2
	221	230	80										200-205	8	N11	N11	N11	N11	4.7
	230	240	85										205-210	9	N11	N11	N11	N11	3.9
	240	250	85										215-220	271490	N11	N11	N11	N11	5.0
	250	260	55										220-225	1	N11	N11	N11	N11	5.3
	260	264	45										225-230	2	N11	N11	N11	N11	5.0
264-295 Andesite tuff; dark green; fine grained.	264	268	40										230-235	3	N11	N11	N11	N11	4.8
	268	275	25										235-240	4	N11	N11	N11	N11	5.5
	275	279	25										240-245	5	N11	N11	N11	N11	5.5
	279	285	15										245-250	6	N11	N11	N11	N11	6.3
	285	290	90										250-255	271530	N11	N11	N11	N11	7.3
	290	297	45										255-260	1	N11	N11	N11	N11	5.4
													260-265	2	N11	N11	N11	N11	6.5
													265-270	3	N11	N11	N11	N11	7.0
													270-275	271837	N11	N11	N11	N11	7.8
													275-280	4	N11	N11	N11	N11	6.4
													280-285	9	N11	N11	N11	N11	10.4
													285-290	271840	N11	N11	N11	N11	10.3
													290-295	1	N11	N11	N11	N11	11.4
													295-300	2	N11	N11	N11	N11	10.7
295-381 Dark grey-green, andesite lava flow; some amygdules and small white feldspar phenocrysts in a fine grained matrix. Sheared 371-373 and 375-381.	297	301	70	295-371 Barren.									300-305	3	N11	N11	N11	N11	10.2
	301	308	85										305-310	4	N11	N11	N11	N11	11.8
	308	311	50										310-315	5	N11	N11	N11	N11	11.2
	311	322	80										315-320	6	N11	N11	N11	N11	11.0

SIZE OF CORE

REMARKS

From To

14" From To

8" From 98 To 559

From To

Examined by H. Maclean

ORIGINAL SIGNATURE

BY

Engineer

Approved by

DEPT. S. THQ

Manager

Manager

BUCHANS MINING CO., LTD.
DIAMOND DRILL HOLE RECORD

Sheet 3

Location Surface east of Oriental.Direction Down Dip VerticalStarted September 8, 1944 Finished October 21, 1944.COORDINATES
N 6700 E 13,800
Elevation 737.8Hole No. 549
Depth 539'

DESCRIPTION				CORE								SLUDGE								
GENERAL	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																		
477-518 Pale grey and greenish grey, hard and siliceous, intermediate agglomerate. Composed of intermediate porphyritic lava fragments with some gritty tuff matrix. Some development of chlorite. No shearing.	455	461	55										455-460	272300	N11	N11	N11	N11	N11	7.6
	461	464	80										460-465	1	N11	N11	N11	N11	N11	8.7
	464	469	50										465-470	2	N11	N11	N11	N11	N11	7.6
	469	477	15										470-475	3	N11	N11	0.2	N11	N11	8.0
	477	482	90	Sample 477-482	272784	N11	N11	N11	N11	N11	4.0	475-480	4	N11	N11	N11	N11	N11	9.3	
	482	484	95	Sample 482-487	5	N11	N11	N11	N11	N11	2.9	480-485	5	N11	N11	N11	8.6	1.2	10.5	
	484	491	70	Sample 487-492	6	Tr.	2.0	N11	N11	N11	5.7	485-490	6	N11	N11	N11	N11	N11	11.8	
	491	498	85	Sample 492-497	7	N11	N11	N11	N11	N11	5.7	490-495	7	N11	N11	N11	N11	N11	6.6	
	498	504	90	Sample 497-502	8	N11	N11	N11	Tr.	N11	5.9	495-500	8	N11	N11	N11	N11	N11	10.4	
	504	507	50	Sample 502-507	9	N11	N11	N11	N11	N11	4.6	500-505	9	N11	N11	N11	N11	N11	9.7	
	507	511	50	Sample 507-512	272790	N11	N11	N11	Tr.	N11	4.5	505-510	272310	N11	N11	N11	N11	N11	10.8	
511	519	80	Sample 512-518	1	N11	N11	N11	1.0	1.8	4.7	510-515	1	N11	N11	N11	N11	N11	6.2		
518-539 Hard, reddish flecked, "arkose" type grit with porphyritic rhyolite lava chips. "Lower Arkose" horizon.	519	523	100	518-539									515-520	2	N11	N11	N11	N11	N11	8.2
	523	525	100										520-525	3	N11	N11	N11	N11	N11	8.3
	525	529	100										525-530	4	N11	N11	N11	0.6	1.0	7.5
	529	532	90										530-535	5	N11	N11	N11	N11	N11	8.0
	532	537	90																	
537	539	70																		
539	End of hole.																			

SIZE OF CORE

From To

1 1/2" From To

7" From 98 To 539

From To

REMARKS

Examined by H. J. Maclean

Approved by

ORIGINAL SIGNED

BY

H. J. Maclean

Engineer

Manager