

32D05SE0072 13 BEN NEVIS

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Diamond Drilling

Township of BEN NEVIS

Report NO: 13

Work performed by: AMAX EXPLORATION, INC.

Claim Nº Hole Nº Footage Date Note
L 280635 TX-101-73 500' Apr/73 (1)

Notes:

(1) 172/73 (and 147/74 See report 14) Also see location map in Report 14 to further check the location of this hole.

AMAX EXPLORATION, INC.

DIAMOND DRILL RECORD

TX-101-73

Hole No. 172/73 500 ft. 12 April 1973 -45° TX-101-73_{Sheet} Hole No. Length Commenced Dip: Collar _ Location Sketch North 090° 16 April 1973 Ben Nevis 2 Property Bearing Completed -45° Continental D.D. Depth Rdg. Ben Nevis Etch Test True Township Dip Drilling Co. L28S, 24+00E BQ Location Core Size Objective .. Casing Left in Hole Claim No. <u>L280635</u> Logged By W.R. Ryall Core Location Timmins Scale: 1" = 1000' Remarks

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Footage		DESCRIPTION		Sample No.	From	To	Length	Au	Ag	Cu	Zn		
From	To	· · · · · · · · · · · · · · · · · · ·		No.	FIUII	10	Length	oz/tor	ppm	ppm	ppm		J
0.0	16.0	OVERBURDEN											
	•	-				<u> </u>					1 \		
16.0	27.0	DACITE	Light grey, massive, generally even grained,	ļ		<u> </u>	<u> </u>						
			significant carbonate, chlorite alteration of	<u> </u>	<u> </u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>		
			groundmass. Amygdaloidal with av size 0.1-0.75 in				<u> </u>	L		<u> </u>	<u> </u>		
			carbonate filled with minor py. Streaky sericite	<u> </u>		ļ	<u> </u>			<u> </u>			
			alteration mostly as x-cutting veins up to 0.25 in	<u> </u>		<u> </u>	 	L	47	1			
			across. Patchy py development through section.	<u> </u>			<u> </u>	ļ		<u> </u>	<u> </u>		
<u> </u>							L			<u> </u>		<u> </u>	
27.0	40.0	DACITE FRAGMENTAL	Dark grey, generally massive but in places crude			<u> </u>	<u> </u>						
			foliation at about 60° to C.A. Groundmass heavily				<u> </u>					<u> </u>	
			chloritized with fragments and ragged-edged patches							1			
-			composed almost entirely of sericite. Fragments and			L	<u> </u>			<u> </u>	<u></u>		
			sericite patches make up about 50% of rock giving a				<u> </u>						
			mottled appearance. Rusty streaks x-cutting. Fragments										
			generally about 1 in across but many may be larger			<u> </u>	<u> </u>					1	
			than 10 in across Py sparse.										
						<u> </u>							
40.0	56.5	DACITE	Grey, massive, amygdaloidal, hard not as altered						٨.				
			as above section but at 50 ft. heavy development										
			of white carbonate veinlets. Occasional patches of		<u> </u>		<u> </u>						
			lighter coloured more sericitized rock near 41 and				<u> </u>		·				
			53 ft. Amygdules infilled with carbonate, silica										
-			and rare py - elsewhere py sparse.			<u> </u>	<u> </u>			<u> </u>			
					<u> </u>						1		
56.5	61.0	DACITE FRAGMENTAL	As for section from 27-40 ft.		<u> </u>	ļ							
					<u> </u>		1				<u> </u>		
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AMAX EXPLORATION, INC.

DIAMOND DRILL RECORD

Hole No. 7X-101-73
Sheet No. 2

Footage				Sample	1			Au	Ag	Cu	Zn		
From	To	1	DESCRIPTION	No.	From	То	Length	oz/tor		mqq	ppm	1	1
	, ———							1	, <u> </u>			1	
61.0	72.0	DACITE	As for section from 16-27 ft.	+	 		 	+		 	 '	1	
	,	Dioric	75 101 3001077 71077 10 27 10	+	 			1	 	 	 	 	
72.0	73.5	DACITE FRAGMENTAL	As for section from 27-40 ft.	+	 			1		 	 		
	,	D.1011E 11013	10 101 0001011 11011 12 10 10	1					-		—		
73.5	86.0	DACITE	As for section from 16-27 ft.	1			 						
	, 		Heavy streaks of sericite at 78 ft.	1	1			1	·	-			
	, —												
86.0	92.0	DACITE FRAGMENTAL	As for section from 27-40 ft.										
	,											T	
92.0	179.0	DACITE	Grey, mostly massive, amygdaloidal in part, as	4287.	133	134	1.0	nil	5.0	405	174		
	<i>[]</i>		before commonly mottled appearance due to patchy									•	
			sericite development, white carbonate alteration	4288	138	139	1.0	nil	2.5	175	155		
	()		common. Rock is brecciated in part. Section 118-119										
			ft. porous, rusty. From about 121 to 179 ft. py	4289	145	146	1.0	nil	2.6	245	4830		Γ
·	[]		increases to an av of 5% over section. Py is		<u> </u>	-							
			generally associated with patchy sericite-	4290	155.5	165.5	1.0	nil	2.1	266	4500		
			carbonate-silica alteration which frequently is					-	<u> </u>				
			developed as veinlets at about 60-70° to CA.	4291	168.5	170.0	1.5	nil	2.1	326	8400		
			Py is heavy in places reaching 15-20% over 1 ft.	<u> </u>									
			sections - eg at 128, 134, 148-150, 169, 177 ft.		<u> </u>								
- 170 pJ	<u> </u>					لــــــا	L						
179.0	200.0	DACITE FRAGMENTAL	Med. grey overall colour but groundmass frequently		- '	L'		<u> </u> '	<u></u>	<u> </u>	 ′		<u> </u>
الــــــــــــــــــــــــــــــــــــ	<u> </u>	-	dark green-black due to heavy chlorite		<u> </u>	 '		_	<u> </u>		<u> </u>		
·	<u> </u>		development. Fragments up to 3 in across and		<u> </u>		<u> </u>	 '		<u> </u>	 '		<u> </u>
ı 	 '	-	mostly lighter coloured than groundmass. Streaky		 	 	 	 		<u> </u>	 '	1	
/ ·	 	<u> </u>	sericite-rich bands and veinlets common. Py av		 	 -'	 	 			 '		<u> </u>
₁ ! !	 		1.t. 2% but heavy patches over 1-2 in are common.		 '	 '		-		 	 '		
<i>1</i>	 '			-	 	 '	 	 			 '	↓	
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AMAX EXPLORATION, INC.

DIAMOND DRILL RECORD

Hole No. TX-101-73 Sheet No. 3

Footage						T	T	Δ	I Aa	Cu	Zn		1
From	To		DESCRIPTION	Sample No.	From	То	Length	Au oz/ton	Ag ppm	ppm	ppm		
_ 200.0	500.0	DACITE	Grey, massive, amydules prevalent up to 1 in across	4292	325	327	2.0	nil	1.9	61	670		
			infilled with silica-carbonate and py. Frequent							1			
:			development of brecciated sections up to 3 ft. in	4293	360	361	1.0	nil	2.0	251	4940		
	-		length which are darker in colour due to heavy chlor	ite									
			development. Irregularly shaped sericitic patches	4294	438	439	1.0	ni1	3.0	100	253		
_			common especially in brecciated sections.										
			Abundant carbonate and carbonate-silica veinlets	4295	452	453	1.0	nil	1.8	-110	3390	,	
			xcutting core. Massive, white milky silica						}				
			developed from 263.5 to 267 ft. and heavy white	4296	460.5	462.0	1.5	nil	1.9	281	1720		
		·	silica from 322.0 to 324.5 ft. Sections from						j .				
			338-360 ft. and 373-413 ft. very massive, least	4297	481.0	482.5	1.5	nil	2.0	41	129		
			altered with only about 1% py. Core badly fractured										
			from 422-425 ft., 437-439 ft., 447-451 ft. In this						, ,				
			interval rock is heavily brecciated with development									\	
		•	of heavy chlorite and plentiful silica veinlets.				i.						
			Core rusty in places. Py heavily developed in		T '								
			patches av. 25% over 6 in intervals. Py disseminated							c			
			over entire section av about 2% but over short										
			intervals is massive to patchy, showing a tendancy							1			
		•	to be heavier where rock shows intense chlorite-										
			carbonate alteration coupled with brecciation. Py		I								
			occurs disseminated through entire section but is										
:		·	heavier in the following intervals 227-228 ft5%,										
			246.5-248 ft5%, 284.5-285 ft5%, 297-298 ft-5%,										
			325-327 ft5%, 360-366 ft5-10%, associated										
			with development of silica and carbonate veinlets										
			in non amygdaloidal section, 412.5-424.5 2-3% py		<u> </u>		<u> </u>	<u>]</u>					L
	1		in section of heavier sericitization associated		<u> </u>		<u> </u>						
			with fracturing, 25% py near 412.5 ft. and	<u> </u>	<u> </u>	<u> </u>	<u> </u>						
			438-439 ft. 450-462 ft 5% as amygdule fillings						,				
		-	and as heavy patchy disseminations associated			<u> </u>		<u> </u>					
1			with silica veinlets and patches, 481-483 ft5%			<u> </u>	<u> </u>	1	<u> </u>		<u> </u>		
:			with heavy section near 482 ft.		<u> </u>		<u> </u>			1	<u> </u>		
						<u> </u>							
	500.0	END OF HOLE.				<u> </u>							
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			en RKyall_						<u> </u>				
		·	•••••										
			W.R. Ryall										
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16,465° 1-280658 1-280636 L-280646 1-280645 Diamond Drill Hole Location Ben Nevis Townships Lordar Lake Mining Division AMAX EXPLORATION INC. Scale 1'3 400'

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Septa /13

Ben News Trup. 172/73