



42B09SW0035 14 NOVA

010

Diamond Drilling

Township of Nova

Report NO: 14

Work performed by: Amax Expl.

Claim NO	Hole NO	Footage	Date	Note
P 267229	TX-81-72	561'	Feb/72	(1)

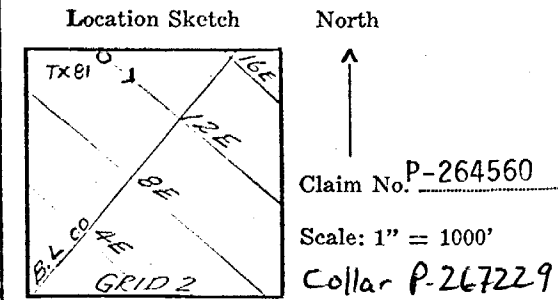
(1)

Notes: 167/72

AMAX EXPLORATION, INC.
DIAMOND DRILL RECORD

Hole No. TX-81-72

Hole No. TX81-72	Sheet 1	Length 561.0	Commenced Feb. 27, 1972	Dip: Collar -55°
Property Nova-1		Bearing S50°E	Completed March 7, 1972	
Township Nova		Dip -50°	Drilling Co. Bradley Bros. Ltd.	Etch Test
Location Grid 2		Objective To test conductor; Hole steepened while driving casing.	Core Size AXT	Depth
12E:5N			Casing Left in Hole 62' NX	Rdg.
			88' BX	True
Logged by S.N. Watowich				#1 321 60° -52°
				#2 385 59° -51½°
				#3 530 60° -52°
Remarks				



Footage		DESCRIPTION	Sample No.	From	To	Length	Zn	Cu	Ag	Au
From	To									
0.0	119.0	OVERBURDEN								
								(ppm)		
119.0	160.0	DACITE GNEISS								
		Very fine grain, light grey, gneissosity 90° to C.A. amphibole 5-15% rare sulphides; less than 5% core badly broken (3-6 per foot); oxidation & bleaching of upper 8.0 feet; more mafic sections develop 4-10% garnets (poorly formed spheroids)								
160.0	177.5	FELDSPAR PORPHYRY								
		Fine grained, light grey; poorly formed phenocrysts due to alteration 20-25% of rock, average 1/8 inch generally massive.								
177.5	185.0	RHYOLITE								
		Light tan, very fine grained - sericite schist foliation. It is unlikely that this section represents high sheared and altered porphyry. Scattered pyrite grains, trace of chalcopyrite, a single gash fracture 1/16 inch filled with sphalerite.	5455	180.0	185.0	5.0	2070	55	0.7	
185.0	194.5	FELDSPAR PORPHYRY								
		similar to above.								
194.5	222.5	RHYO-DACITIC TUFF								
		Very fine grained, light grey rare fractures with trace of sphalerite in carbonate filling; at 200' fine banding becomes prominent at 80° to C.A. & grades to 70°;								
	203.5-205.0	graphitic tuff, grey; weakly conductive								
	205.0-222.5	siliceous tuff as above, streaks and patches of pyrite, locally disseminated; generally 1-10%	5452	205.0	210.0	5.0	3610	57	1.1	

AMAX EXPLORATION, INC.
DIAMOND DRILL RECORD

Hole No. TX-81-72
Sheet No. 3

Footage		DESCRIPTION	Sample No.	From	To	Length	Zn	Cu	Ag	Au		
From	To											
338.0	376.0	RHYOLITE TUFF										
		Characteristics of feldspar crystal tuff locally, distinct banding very fine at 40° to C.A.	5447	350.0	355.0	5.0	230	44	2.0	nil		
		346.5-348.5 diss. pyrite 3-7%										
		348.5-357.5 heavy fine grained pyrite (1 mm) 40-60%	5448	360.0	365.0	5.0	190	30	1.5	nil		
		357.5-376.0 pyrrhotite is more prominent; generally sulphides are distributed as irregular streaks and massive bands ranging in width from 1/16" to 6"; sulphides range from 2-3% to 60%; this section is extremely siliceous and section appears almost to be bull quartz.	5449	370.0	375.0	5.0	72	32	1.0	nil		
376.0	453.0	FELDSPAR PORPHYRY										
		lenses and banding at 45° to 30° to C.A.; numerous narrow garnetiferous amphibolite bands are included with the porphyry										
		371.0-372.0 strong sericitization and pyritization of porphyry										
		402.0-403.0 amphibolite band, contacts at 30° to C.A. garnets 10% diss. pyrite 7%										
		403.0-425.0 porphyry is coarser; phenocrysts 1/8" to 1/4"; 10-15% amphibolite locally gives rock appearance of a diorite										
		417.0-418.0 quartz vein with Tourmaline and pyrite	5450	416.5	418.2	1.7				nil		
		420.0-421.5 silicification along ragged veins - blobs, 3/8" of fine grained pyrite	5451	420.0	421.5	1.5				nil		
		425.0-445.0 fine grained feldspar porphyry										
		445.0-453.0 interbanded amphibolite and porphyry										
453.0	484.5	ANDESITE										
		fine grained grey banded feldspar amphibole gneiss and amphibole-feldspar gneiss (garnetiferous) banding 45° to C.A. Rock is probably										
484.5	549.8	FELDSPAR PORPHYRY										
		generally coarse textured, grey, massive, 6" shear at upper contact, 30° to C.A. sericitization diss. pyrite 3% quartz veining.										
549.8	561.0	ANDESITE										
		contact at 45° to C.A.; dark grey, fine grained; locally garnetiferous 50-25% grades to amphibolite; grey fine ganding due to carbonitization rock is moderately magnetic due to diss. magnetite and pyrrhotite locally.										
		559.0-561.0										

B. Mac Donald
per S. H. Watkovich