

010

Diamond Drilling

Township OF PONTIAC

Report Nº: 11

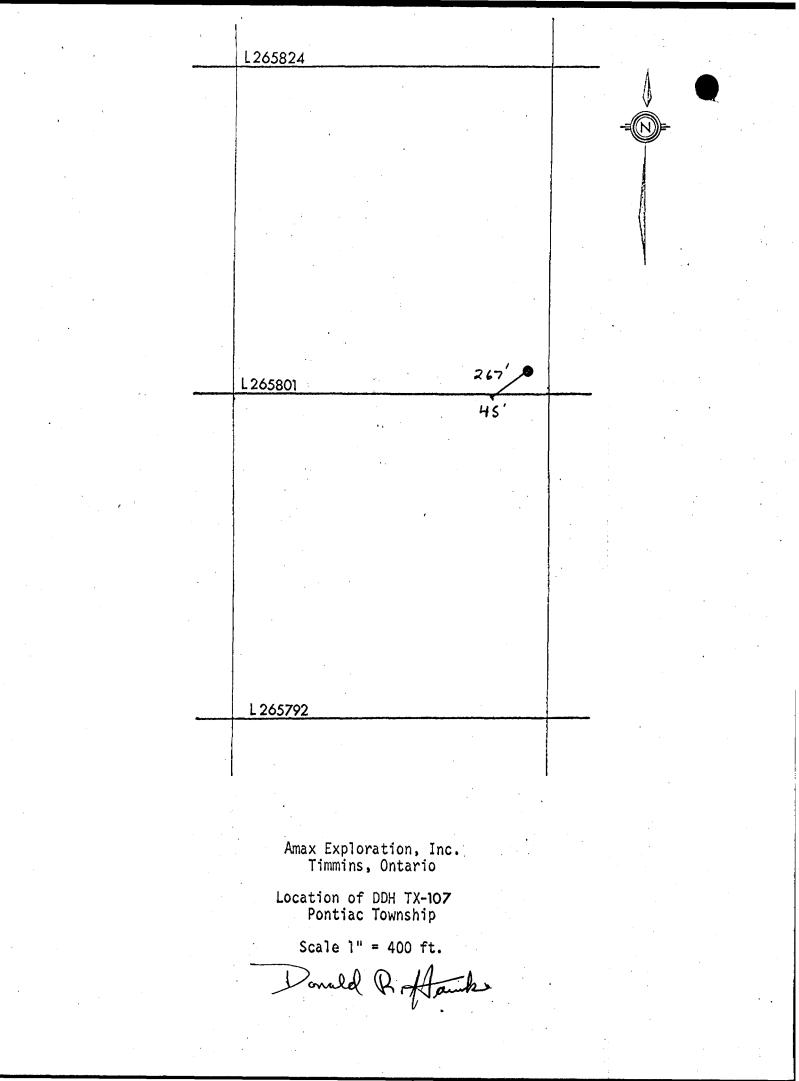
Work performed by: AMAX EXPLORATION, INC.

Claim Nº	Hole Nº	Footage	Date	Note
L 265801	TX-107-73	312'	June/73	(1)
L 265792	TX-108-73	275'	June/73	(1)
	TX-109-73	297'	June/73	(2)
		8 54		

Notes:

(1) 118/73

(2) 101/74



AMAX POTASH LIMITED

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DIAMOND DRILL RECORD

Hole No. TX-107-73

Hole No	TX-107-73	Sheet 1		312.0		Commenced June	e 1973	Di	ip: Collar	-50°	****			Location	Sketch	North	n	
Property Township Location	Pontiac Line 4N,	3+20E	Bearing Dip Objective	-50°		Completed Jun Drilling Co. Cont Core Size AQ Casing Left in Hole		1	tch Test	Depth	Rdg	. Tru	e					
Logged By	D.R. Hawk Timmins	e Office				Casing Dert in Hore	·			9, , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<u>_</u> 0		Claim	No. L2657	792
			[Scale:	1" = 1000	0'
Remarks													L_			j		
														.		<u> </u>		
Foot				DESC	RIPT	ION			Sample No.	From	То	Length						
From	To									<u> </u>	· · · · · · · · · · · · · · · · · · ·	<u> </u>						
0.0	46.8	Casing.																
					-1					<u> </u>		<u> </u>		ļ			 	
· · · · · · · · · · · · · · · · · · ·		25.3 - 28		ght blue grey rhy ags. very hazy	volite pre	eccia				<u> </u>				-			<u>├</u>	
				ry slightly seric	itic					+	<u> </u>	+		<u> </u>				
				y be a boulder						<u> </u>		++						
				j be a boa.ae.						 				1				
46.8	125.8	Light gre	en grey	Rhyolite tuff bre	eccia, siz	ze of frags de	creases down the	hold	e	1				1				
		moderatly	to high	ly sericitic, ban	nded.													
		Sericite	occurs a	s fine stringers	& veinle	ts at 45° to c	. axis.											
		46.8 - 73	3.0 - co	ntains much intro	duced qt:	z. & carb.												
		50.9 -	- 1/	2" bleb of sulphi	ide approx	x. 85% py & 15	%_cp.											
				ntains a few elon	ngate ble	bs py << 1%.				<u></u>				<u> </u>				
		75.5 - 76					·							<u> </u>				
		82.8 - 84					······			<u> </u>								
		85.0 - 85	5.0 - 10	ost core.			· · · · · · · · · · · · · · · · · · ·			ļ	ļ							
		86.6 - 88															ļ!	
		90.2 - 91					·			<u></u>							ļ!	ļ
		94.1 - 95									l			·			<u> </u>	
				z. carb. veinlet.						· · ·	<u> </u>						<u>↓</u> !	
		86.4 ~ 86	<u>5 - qt</u>	z., carb. veinlet							ļ						Į	
		101.4	<u>- qt</u>	z. carb. veiniet	$\frac{at 45^{\circ} t}{1000}$	o c. axis.			·	<u> </u>	ļ			<u> </u>			ļ!	ļ
		105.9		z. carb. veinlet		o c. axis.		·			<u> </u>	- <u> </u>					ļ!	
		107.5		lost core.	45° T	U C. axis.					<u> </u>				·		┟────┘	
·																	<u>}</u>	
		<u>108.5 - 1</u> 110.0 - 1	109.2 -	11 - 11				·		+	<u> </u>		· · ·				+	
-		112.6 - 1	11.1 -	11 11								+	<u></u>				<u> </u> '	
		112.0 - 1	14.6 -							+					<u> </u>		+	

Foota	a a same and a same	DESCRIPTION
From	To	
		116.1 - 117.2 - Lost core.
		118.3 - 120.0 - " "
		116.3 - 120.0 - 114.0 - 125.0 - Highly carb. & ser.
		114.0 - 125.0 - highly carb. a ser.
		80.6 - 140.7 - core badly broken, poor recovery.
125.8	127.4	Light grey fine gr. massive rhyolite.
125.0	127.4	-no mineralization.
127.4	140.0	Grey green f.g. rhyolite tuff breccia
		Very slightly sericitic
		No.sulphides.
140.0	142 7	Chour ghoon agglomonato
140.0	143.7	Grey green agglomerate - frags up to 6" across, moderately sericitic
		- matrix looks like coarse An tuff.
		- contains a few small blebs py < 1%.
		- concarns a rew smarr brebs by 1%.
143.7	145.5	Dark grey black m.g. dacite
		- slightly chloritic
		- contains a few small blebs & stringers of py up to 3%.
145.5	146.5	light grey f.g. massive Rhyolite
•		- quite siliceous
		- moderately carbonatized.
146.5	158.2	Grev green Rhyolite breccia
140.5		- contains only a few frags.
		- moderately ser.
		 contains many small irreg. blebs & veinlets of carbonate.
		150.0 - 154.5
	•	- contains numerous blebs py up to 10%
		 contains numerous blebs chlorite giving rock mottled appearance.
158.2	166.1	Dark green gray f.g. dacite
		-no sulphides.

Hole No. <u>TX-107-73</u> Sheet No. <u>2</u>

Footas	<u>ze</u>	DESCRIPTION					
From	To						
166.1	167.2	Light grey f.g. Rhyolite					
		Appears very siliceous					
		Contains a few blebs py < 1%.					
167.2	179.5						
		Contains a few small irregular stringers carb.					
179.5	194.9	Light grey f.g. rhyolite					
		-faint banding at 65° to c. axis					
		- may be slightly tuffaceous & sericitic					
		- appears quite siliceous					
		- contains a few small blebs py 1-2%					
		193.4 - 194.9 - contains a few small chl. stringers &veryfew small blebs cp.					
194.9	271.5	green grey m.g. feld. porph.					
194.9	2/1.5	contains white to pink feld pheno. up to 4mm. in diam.					
		concarns white co prink left pheno. up co unan. In drain.					
		215.0 - 216.1 - qtz. carb. veins					
		220.5 - 220.6 - qtz. carb. veinlet					
		227.7 - 227.8 - " " with chl.					
		232.5 - 232.6 - " " "					
		236.5 - 236.6 - " " "					
		237.4 - 237.5 - " " "					
271.5	291.0	Greenish grey f.g. Andesite					
2/1.5		Contains a few small gtz carb. stringers					
		" " scattered blebs py.					
		scattered brebs py.					
291.0	312.0	Light green grey rhyolite tuff breccia.					
		-moderately ser. & chl.					
		295.0 - 297.7 - tuffaceous					
	>	contains numerous small blebs & stringers py approx. 1%.					
		297.7 - 301.4 - contains numerous small white flecks					
•		301.4 - 310.9 - contains a few small scattered blebs py - good breccia					
	312.0	END OF HOLE.					
•		Landly K. Heuric					
		Donald R. Hawke.					

Hole No. TX-107-73 Sheet No. 3

L265824 L 265801 L 265792 Pontiac Twp Report # 118-73. Away Expl. Inc. Amax Exploration, Inc. Timmins, Ontario Location of DDH TX-108 Pontiac Township Scale 1" = 400 ft. Donald Pattowke

AMAX POTASH LIMITED

Hole No. TX-108-73

DIAMOND DRILL RECORD

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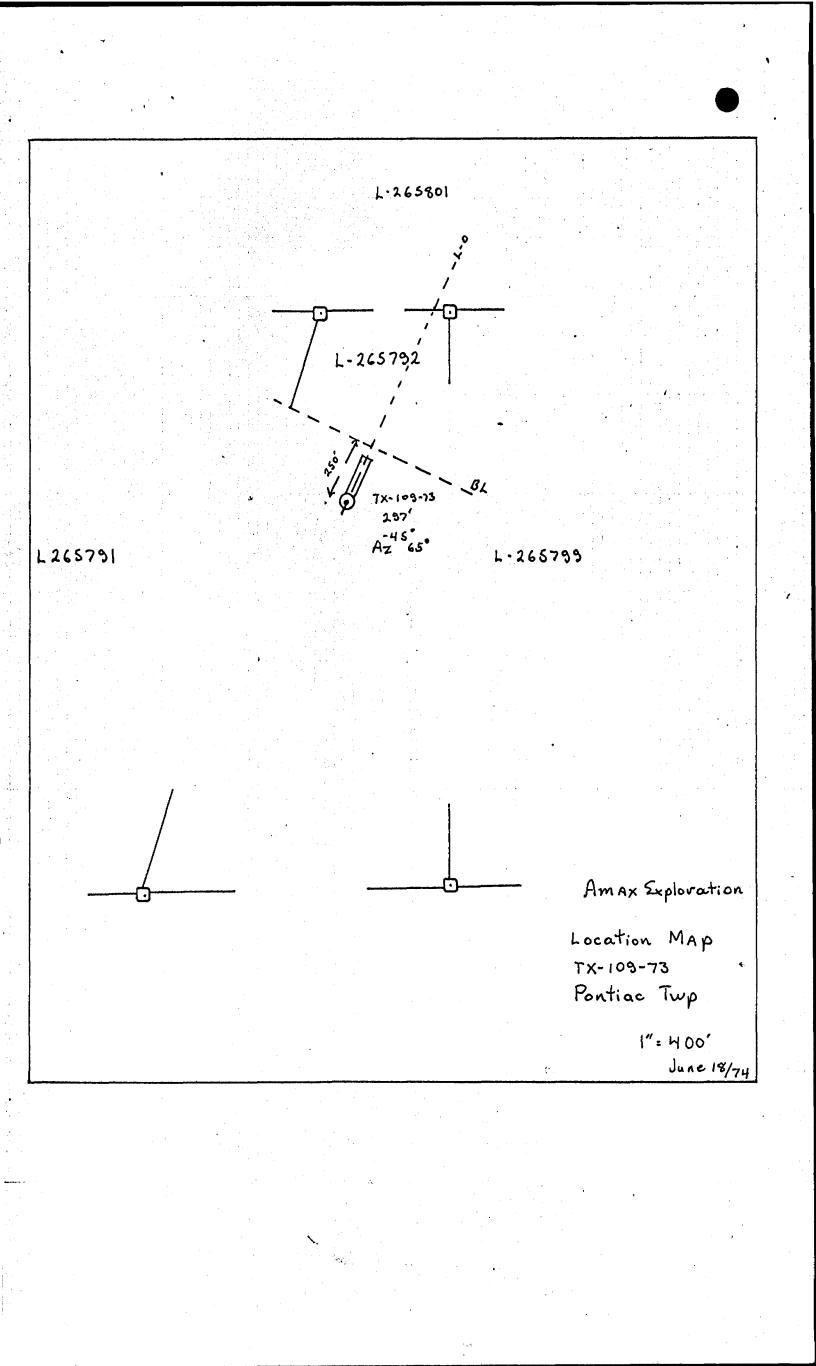
Hole No. T	X-108-73 ontiac	245°	Dip: Collar	Location Sketch	North
Jownship Po	ontiac 4N 1+00E	Bearing -45° Completed Ource 1975 Dip -45° Drilling Co. Continental D.D. E Objective Test IP Anomaly Core Size AQ Casing Left in Hole None	Etch Test Depth Rdg. True		
pre Location	.R. Hawke Timmins			~	Claim NoL26579
Remarks					Scale: 1" = 1000'
Foota	<i>a</i> 1				
From	To	DESCRIPTION			
0.0	3.4	CASING			
3.4	88.6	Green Grey f.g. porphyritic dacite. Contains numerous small light & dark phenocrysts up to 3 mm. Many of the white phenocrysts contain abundant carb. & may be amygdules. Contains a few blebs & stringers py generally<<1%. 17.1 - 18.0 very numerous white carb. spots 22.1 - 22.8 more py, 2-3% becomes more andesitic down the hole. 31.2 - 32.5 very numerous white round carb. spots. flow top? 37.3 - 37.5 " " " " " " " " " " " 41.2 - 41.6 " " " " " " " " " " " " " " " " " " "		•	
88.6	104.4	Light grey m.g. massive diorite.		• •	
104.4	118.0	As at 3.4-88.6			
		105.4 - 106.4 contains a few py stringers ≈ 1% of rock 110.2 - 118.0 " " " & veinlets up to 1% of rock. 112.3 - 113.8 contains numerous round white carb. spots 115.2 - 116.7 " " " " " " "	Donald Roffe	le	

Foot	age	
From	То	DESCRIPTION
118.0	126.1	Dark grey, Rhyolite breccia, slightly sericitic
		Numerous frags. up to 2-1/2"
		- contains small blebs & stringers py, 1-2%
		123.8 - 124.5 matrix becomes tuffaceous.
126.1	130.4	Dark green grey f.g., porphyritic rhyolite
		Contains some small (< 1mm) white phenocrysts
		Contains a few small specks py.
130.4	135.3	Light green grey f.g. rhyolite
		Brecciated in places.
135.3	169.8	As at 3.4 - 88.6 - non porphyritic
169.8	174.6	Light green grey f.g. Rhyolite
		Contains many irregular blebs & stringers of qtz & carb.
		Very few small blebs py.
	107 5	
174.6	197.5	Dark grey Rhyolite breccia.
		Slightly sericitic.
		177.9 - 183.3 contains much fine disseminated py, approx. 10%
		177.9 - 103.3 Contains much time uisseminated by, approx. 10%
		183.3 - 197.5 as at 177.9-183.3 approx. 1-2% py.
		103.3 - 197.3 as at 177.9-103.3 approx. 1-2% py.
197.5	219.0	Dark grey f.g. dacite
	- 213.0	Contains a few small round white carb. spots.
		Contains a few small blebs py << 1%.
219.0	242.5	Light green m.g. massive diorite
		236.7 - 236.9 rusty zone, contains a few small py cubes.
		237.6 - 237.7 as at 236.7-236.9
		239.0 - 239.1 as at 236.7-236.9
		239.1 - 239.8 gtz. carb. veinlet

Hole No. 7X-108-73 Sheet No. 2

Hole No. TX-108-73 Sheet No. 3

Foot	tage	DESCRIPTION	Sample	From	To	Longth		1	1			
From	To		No.	From	10	Length						
							-					
242.5	266.2	Green grey Rhyolite breccia							1			
		- frags. up to 1-1/2", generally guite hazy.										
		- matrix is dacitic.										
		 frags. up to 1-1/2", generally quite hazy. matrix is dacitic. contains very few small blebs py << 1%. 										
					-		·					
266.2	267.6	Dark green porph. dacite				L						
		-Contains a few small white phenocrysts -No sulphides.				· · · · · · · · · · · · · · · · · · ·		<u> </u>				
		-No sulphides.			L		L					
				L		I				L		
267.6	274.0	Light green Rhyolite breccia										
		Contains only a few hazy fragments.					· · · · · · · · · · · · · · · · · · ·			l		
		Light green Rhyolite breccia Contains only a few hazy fragments. Very slightly sericitic Contains a few very small blebs py << 1%.		ļ		L		ļ	ļ			
		Contains a few very small blebs py << 1%.										
	075							ļ				
274.0	275.0	Light green M.G. diorite?					ļ		L			
								ļ	<u> </u>	ļ		
	275.0	END OF HOLE.	<u> </u>			· · · ·		I	<u> </u>	ļ		
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		Donald Reff aucke	<u> </u>	<u> </u>					+	<u> </u>	1	
		Donald R. Hawke.		+	<u> </u>	+						<u> </u>
		Donard A. Hawke.	<u> </u>	<u> </u>	<u> </u>	+				+	<u> </u>	
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DIAMOND DRILL RECORD

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Hole No. TX-109-73

D PONTIAC TWP

Property Township Location Logged By	TX-109-73 Pontiac Pontiac LO, 2+50W D.R. Hawk mTimmins	Bearing 65° Dip -45° Objective Test IP Anomaly Core Size AQ Casing Left in Hole 34 feet						Location	Sketch	No. <u>L265792</u> 1" = 1000'			
Foo From	tage To	DESCRIPTION	Sampl No.	From	То	Length	Au ppm	Cu ppm	Zn ppm	Ag ppm		-	
0.0	31.4	Casing											
31.4	42.2	Dark grey med. to c.g. rhyolite, appears to have been rextallized by diorite no sulphides	5										
42.2	108.9	Light green to grey med. to coarse grained diorite 31.4 - 47.6 med. to f.g. chill zone - moderately carbonatized											
108.9	120.3	Dark grey m.g. rhyolite - appears to have been rextallized by diorite - contains a few blebs py < 1%											
120.3	149.0	Dark grey f.g. porphyritic dacite Contains a few small (1-2 mm) round white phenocrysts Also contains some small white blebs & veinlets of qtz. + carb. 121.7 - 133.6 contains numerous blebs & stringers of fine py (3-5%), up to 20%.	1627 1628 1624 1629 1623	110.0 115.0 120.0 125.0 130.0 137.0	120.0 125.0 130.0 135.0 141.0	5.0 5.0 5.0 5.0 4.0	Nil Nil Nil Nil	58 63 41 58 47 3680	94 118 217 538 101 292	1.3 1.1 2.2 3.2 .7 5.5			
	-	136.8 - 140.4 core highly weathered & rusted & badly broken recovery poor malachite & some cp observed from 137.1-137.9, also much py.		140.0				61	188	2.0			
		140.4 - <u>j</u> 47.4 contains numerous irreg. blebs & stringers py (3-5%)	1630	145.0		5.0	Nil	70	200	1.4			

Hole No. TX-109-73 Sheet No. 2

Foota	ge	DESCRIPTION		le From	ole From		1	Au	Cu	Zn	Ag	1	1
From	То	DESCRIPTION	No.	From	То	Length	ppm						
								1 1 1 1 1 1 1	(* (* 14)	- 			
		141.7 - 145.0			+		+						
		core badly broken, recovery poor			+	+		<u> </u>					
			· · · ·			+					[
149.0	154.4	Light green grey f.g. massive rhyolite				<u>†</u>						<u> </u>	
		slightly sericitic			1	1	1				[<u> </u>	
		contains a few py cubes << 1%			1	1					i		
						1	1						
154.4	171.4	Dark blue grey - f.g. rhyolite	163	155	160.0	5.0	Ni]	270	515	4.1		1	
		slightly tuffaceous, faint banding at 70° to core axis.	163	160	165.0	5.0	Nil	67	50	1.4			
		contains much fine disseminated py. approx. 3%	163	165	170.0	5.0	Nil	67	30	1.4			
			100	1000	//////	1	1				i	t	
171.4	197.5	green grey f.g. massive dacite				† .		<u> </u>			ا ا	-	
		contains a few small specks py << 1%.			· ·	+					[<u> </u>	
								<u> </u>					
197.5	198.3	Light grey Rhyolite breccia			+	+						+	
		Appears very siliceous										<u> </u>	
		Contains a few specks py <<1%				1						<u> </u>	
				+						<u> </u>		<u>+</u>	
198.3	202.3	Dark grey f.g. massive dacite				1						1	
		py << 1%.				1	<u> </u>					t	
	·····			+		1	1			į		+	
202.3	225.2	Light blue grey f.g. Rhyolite as at 154.4 - 171.4	163	205.	0 210.0	5.0	Nil	640	31	.6	1	1	
		py approx. 1-2%			0 215.0			370	21	.2		1	
	1		163	215	0 220.0	5.0		395	27	.5		1	
		190.5 - 202.3	163	220	0 225.0	5.0		92	7	5		1	
		Rock is bleached (i.e. silicified) to a light grey white		1	4000	1-0-0		1 22-	1			1	
		bleached areas contain much less py.										1	
							1					1	
					1	1						1	
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AMAX POTASH LIMITED

DIAMOND DRILL RECORD

Hole No. TX-109-73 Sheet No. 3

Foots	age		Sample	1		1		1	1	1	1	1
From	To	DESCRIPTION	Sample No.	From	То	Length						
225.2	297.0	Dark green grey feld. porph.						-				
		Matrix is m.q.				1						1
		Phenocrysts subhedral, 6mm to 4 mm in diameter							· · · · · · · · · · · · · · · · · · ·			
		Matrix is m.g. Phenocrysts subhedral, 6mm to 4 mm in diameter - no sulphides.		1		1					1	1
					· · · · · ·							1
		225.4 - 245.0										
		less phenocrysts										
		277.0 - 297.4										
		277.0 - 297.4 less phenocrysts						· · ·				
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	297.0	END OF HOLE.										
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		Donald R. Hawke		<u> </u>		ļ		<u> </u>	· · · ·		<u> </u>	<u> </u>
		Vonary N. Wawk	<u></u>	<u> </u>				<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
		Donald R. Hawke		<u> </u>		ļ		<u> </u>	ļ	 	<u></u>	<u> </u>
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