

428095W0015 18 BELFORD

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#### **Diamond Drilling**

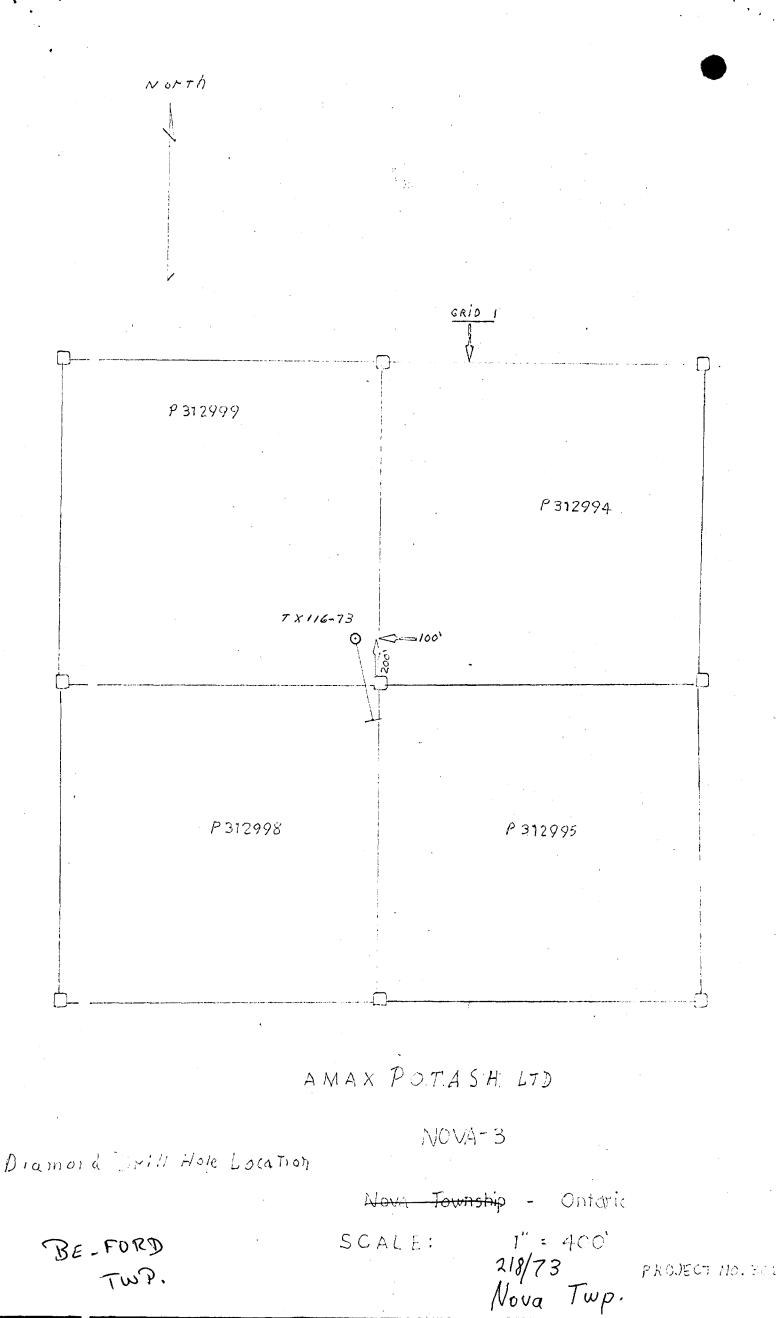
Township: OF BELFORD Report NO: 18

Work performed by: AMAX POTASH

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Claim Nº	Hole Nº	Footage	Date	Note
P 312999	TX-116-73	3461	JULY/73	(1)

Notes: (1) - SEE #218/73 NOVA TWP. - ALSO SEE REPORT # 17, NOVA TWP.



TWP.

PROJECT NO. BEE

## DIAMOND DRILL BECORD

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Hole No.	TX-116-73	Oncer	46'	Commenced	July 6, 1973	Dip:	Collar	50°				Location	Sketch	Nortl	a	
Property Township Location	Nova-3 TBalfo Grid 1 Li	ine 12+00E Objective To	68° Azimuth 0° o test an AEM and round conductor	Completed Drilling Co Core Size Casing Left in	July 11, 1973 Bradley Bros. Ltd. AQ Hole All Casing could	Etch	Test	Depth	Rdg.	Tru	<sup>2</sup> e	·····	3217.12	] ĵ		÷.,
Logged By	S.N. Watov		a - Mar de and de ve berefer ou Mar and a ble a de and a de a de la de	- Casing Dert in	not be removed.			****	······································					Claim	<sub>№</sub> .P312	999
	on <u>Timmins</u>					<b> </b>						7 811	6-73	Claim	1" = 100	
Remarks .				•				•	- 				0	Scale:	1" = 100	0'
Foo	tage					<u> </u>	Sample	77	~	• [		1			1 1	
From	То		DESCRIPI				No.	From	To	Length						
	135.0	OVERBURDEN		·	<u></u>											
0.0	135.0	0.0 - 120.0	clay and fine san	d			········									
		120.0 - 135.0	gravel and boulde		······································											
135.0	136.0	METADACITE	fine anninod and	v. ctrongly	foliated felsic rock	•					· · ·					
133.0	130.0		foliation at 50°		IVITALEU TEISIC TUCK	•										
		······································						· · · · · · · · · · · · · · · · · · ·								
136.0	137.5	FELDSPAR PORPHYRY	contact at 60° to	C.A. 50%	1/16" sized subrounde	ed										
	<u> </u>		matrix.	enocrysts,	very fine siliceous g	rey						<b>_</b>				
				<u> </u>	· · · · · · · · · · · · · · · · · · · ·					· · · ·						
137.5	175.2	METADACITE			red garnet blebs 1-2%								···· · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
			mafic content dis	tinct very	fine perhaps amphibole	e								·		
			crystals 20-30% o	<u>f rock. Th</u>	e light grey colour to	one	•									
	ļ		is due to the pre	dominent fe	lsic composition;							ļ			ļ	<b>-</b>
,	<u> </u>		foliation average	<u>s 60°-65° t</u>	o C.A.											
175.2	181.5	FELDSPAR PORPHYRY	contact 70° to C.	A.; lower c	ontact 75° to C.A. un	iform										
	1.0.10		a massive appeara	nce in cont	rast to the metadacite		·					1				
			similar to 135.0-	136.0.												
															!	
181.5	187.7	METADACITE			11y garnets developed				· · · · · · · · · · · · · · · · · · · ·						ļ	
			along a band may	form up to	<u>5% UT YUCK.</u>											
187.7	189.5	FELDSPAR PORPHYRY	similar to descri	ption at 13	6.0-137.5											
			· · · · · · · · · · · · · · · · · · ·												·	
	ļ						<u>.</u>		ļ						ļ!	
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## DRILL RECORD

Hole No. 7X-116-73

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Foot:	nge		DESCRIPTION	Sample	From	То	Tanath			1			
From	То		O O R I F I I V X	No.	From	10	Length	Cu	Zn			l	
								00.07	K nu	mille	in		
189.5	213.0	METADACITE-META ANDESITE	•					part	10-0	1.1.1.1			<u> </u>
			similar to 137.5-175.2 but garnet content is	1	<u> </u>			1	1	1			
			uniformly increased to 10-15%; garnet porphyroblasts	1	1			1	1	1			<u> </u>
			range from 1/16" to 1/4"; mafic content appears	1			· ·		1	1			
			slightly increased due to the slightly darker colour.		1			•	1	1			
				1	1			1	1	1			
213.0	217.5	FELDSPAR PORPHYRY	similar to 136.0 - 137.5 contacts at about 60° to					1					
			C.A.					1	1	1			
					1			1		1			
217.5	226.0	METADACITE	similar to 189.5-213.0 garnet content reduced	1	1				1	1			1
			slightly ranging from 5-10%; rock is siliceous very	1				1					1
			fine grained, and coloured grey.		1					1			1
		218.5 - 220.0	lost core.	1					1	1	1		
				1	1			1	1	1	1		1
226.0	239.5	SILICIFIED AND ALTERED 2		1				1	1				
			light, grey, siliceous, narrow 6" bands of feldspar	1				1			1		1
			porphyry are silicified and altered by foliation;		1			1			1		
			locally fine bedded chert-like laminae occur:	1				1					
			foliation at 55°-60° C.A.; rare hair-line cross										
			fractures with carbonate and pyrite; occassional										
			pyrite specks.										<u> </u>
							•	·				1	
239.5	276.0	GRAPHITIC ZONE	this is characterized by massive, black graphite					<u> </u>					
		·	bands containing scattered pyrite grains, nodules		<u> </u>								<u> </u>
			and fracture filling;							<u> </u>	<u> </u>		
		239.5 - 242.5	graphite with 10% pyrite	5733	<u>239.5</u>	245.0	5.5	210	184	0.8		<b> </b>	
		242.5 - 243.5	lost core	<b>_</b>	<u> </u>			ļ	1			<u> </u>	<u> </u>
		243.5 - 245.0	massive graphite with 10% pyrite as fracture filling	<b>_</b>	· · ·	<b> </b>		<b> </b>		<u> </u>	ļ	I	
		245.0 - 246.2	felsic-silicified zone, virtually pure quartz	<b>_</b>	<u> </u>		¦	<u> </u>			ļ		ļ
		246.2 - 247.2	lost core	<u>  </u>	<u> </u>		<u> </u>	<u> </u>			Į		<u> </u>
		247.2 - 248.2	chert zone similar to 246.2-247.2	·	<b> </b>			<b></b> .			<b> </b>	<u> </u>	ļ
		248.2 - 250.3	lost core	<u> </u>	<u> </u>	ļ	ļ	·			<u> </u>		ļ
		250.3 - 251.7	graphite with 30% felsic inclusions and 3% pyrite	<b> </b>	<b> </b>	<b> </b>	ļ	<b>_</b>			<b>_</b>		ļ
		251.7 - 253.0	felsic-silicified; possibly a chert zone			050 -			<u> </u>		<u> </u>		ļ
		253.0 - 258.0	massive garphite with 10-20% felsic nodules and	15/34	253.0	258.0	5.0	136	2.2.2	0.7	·	ļ	
			fragments and 5-10% pyrite generally as fracture	<u> </u>		ļ	<b> </b>				<b></b>	<u> </u>	ļ
			fillings and veinlets.		ļ		ļ	ļ	_	-	<b>_</b>	I	
					<b>_</b>	ļ	<b>_</b>	<b> </b>			<b>_</b>	<u> </u>	
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## DIRAGATO DECOD

# Hole No. 7X-116-73

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Foota	ge		DESCRIPTION	Sample	From	То	Length			1	1		
	To			No.			Dengtin	La	Zn		ļ		
			· · · · · · · · · · · · · · · · · · ·					P	unts		llice		
		258.0 - 276.0	graphite zone - an equally mixed zone of massive	5735	270.0	275.0	5.0	183	700	1.3			·
			graphite and felsic bands and fragments. The	<u> </u>	L	L		L	<b>_</b>	L			
			fragments of felsic fragments are more easily		L	<b>_</b>	<u> </u>	<b>I</b>	L	I			
			discerned because the graphite flows to form the					<u> </u>		· ·			
			interstices; fragments are up to 3" in length and		<b> </b>	· ·	ļ	·	<u></u>	<u> </u>	[		
			vary from oval to lensoid in form; pyrite is	1	<u> </u>			<u> </u>	<u> </u>	· ·			
			negligible.	<u> </u>	L	· ·	<u> </u>				<u> </u>		
									<u> </u>				
276.0	301.7	CHERT ZONE	light grey to light tan cherty zone with rare										
			massive 1" to 3" graphite lenses		l	I							
		288.2 - 289.0	graphite and 30% pyrite as swarms of veinlets.										
		-	pyrite is scarce in the chert; the chert is										
		· ·	fractured heavily in multiple directions and healed							1			
			by silica and carbonate.	1			1	l .					
		297.8 - 298.5	pyrite 60% with graphite.	1		1	1	1	1	1			
			•	1	1		1				· ·		
301.7	338.5	GRAPHITE ZONE	generally massive graphite with pyrite and minor	5736	301.8	306.0	4.2	233	293	0.6			
		· .	sections of chert	1	1		1						
		301.7 - 306.0	mass. graphite with 10% pyrite as nodules and	1						,			
		· · · · · · · · · · · · · · · · · · ·	veinlets	1	1	1	1.00	1	·	1	1		
		306.0 - 310.5	chert with narrow graphite lenses	1	1		1	1			· · · · · · · · · · · · · · · · · · ·		
		310.5 - 315.0	chert	1		1	1	1					
		315.0 - 320.0	massive graphite with fragments 20-30% of chert	5737	318.0	322.5	4.5	207	590	1.2	•		
		320.0 - 322.5	massive graphite with 20-25% pyrite as nodules	5738	322.5	326.5	4.0	391	391	3.8			
		322.5 - 327.0	pyrite zone				1		1				
			322.5-323.5 50% pyrite 40% graphite						1	1	1		
			323.5-325.0 85-95% pyrite					1	1				[
	1		325.0-327.0 50% pyrite 40% graphite				1	T		1	1		
		327.0 - 338.5	finely banded and locally fragmented felsic tuff			<u> </u>	1	1	1.	1	1	1	
			and graphitic sediment; laminae dip from 30° to						T		1		<u> </u>
			60° to C.A.; crenulated folding is common; pyrite			a, .	·			1	1		
	1		ranges from 10-20%.		·		1	1	1	T	T		
								1	1		1 .		
338.5	340.5	FELSIC TUFF	very fine grained, light grey, generally massive					1	1	1	1	<b>.</b>	1
			less than 1% pyrite.						•		1		
						·			1	1	1	1	
						1		1	T	· ·	1		1
					1	1	1		· · · · · · · · · · · · · · · · · · ·	1	1	1	1
				1	1	<u> </u>	1	1	1	1	1	<b>1</b>	t

## DIAMOND DRILL RECORD

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Hole No. TX-116-73

Foota	1		10	1			1			1		
From	ro To	DESCRIPTION	Sample No.	From	To	Length	Cu	Zn	Aa			
rrom				<u> </u>			- <u>-</u>	Zn ts pei				
				ļ			par	s per	mill	1011		
340.5	346.0	GRAPHITIC ZONE mixed fragments of felsic tuff and massive graphitic bands 340.5 - 341.0 graphite 80%		<b> </b>								·
		graphitic bands		ļ				········				
		<u> 340.5 - 341.0 graphite 80%</u>		<u> </u>								
		<u>341.0 - 343.5 graphite 30%</u>										L
		<u>343.5 - 344.8 graphite 50%</u>	_	ļ			•	<u> </u>				
		<u>344.8 - 346.0 graphite 80%</u>	5739	342.0	346.0	4.0	259	1320	0.8			
		с. С										
	346.0	END OF HOLE.										
				T T								
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