

# DIAMOND DRILLING

Township: Macklem REPORT No.:

WORK PERFORMED BY: Dome Exploration Ltd.

CL	.AIM No.	HOLE No.	FOOTAGE	DATE	NOTE
P	583612	177-1	417	July/83	(1)
Р	583225	177-2	317	July/83	(1)
Р	583612	177-3	207	July/83	$(\tilde{1})$
P	583218	177-5	385	Aug/83	$(\overline{1})$
P	583220-1	177-6	877	July/83	$(\bar{1})$
P	583221	177-7	585	July/83	$(\overline{1})$
P	583223	177-8	762	July/83	(1)
Р	583244-5	177-9	437	Aug/83	(2)
P	583225	177-10	284	Aug/83	(2)
P		177-11	304	Aug/83	(2)
P	583244			<b>,</b> ,	,-,
_	583613	177-12	254	Aug/83	(2)
P	583224-5	177-13	214	Aug/83	(2)
P	583225	177-14	374	Aug/83	(2)
P	583225	177-15	203	Aug/83	(2)
P	583220	_,,,			(-/
_	583225	177-16	304	Aug/83	(2)
Р	583224-5	177-17	615	Aug/83	(2)
_				55.05, 55	(-,
		16601			
		( Our,	6539		
			ادري		

Notes:

(1) #221-83 (2) #320-84

		ine 0: 27+70N. From collar to Post 1, Claim P.583612 DIAMOND	DRILL RE	CORD			-		HOLE		7-1	
ZIMUTH:		outh (140°T)					PROPER	TY: DDA	ECT 177	Mook	lom and	
42180111.	Grid 5	outh (140 1)							ras Town			
								1no	ras lown	Bnips,	ontario	
SIP:	-45°	LENGTH: 417° ELEVA	ATION:				CLAIM	Ng: P.3	03012			
STARTED:	July 8	, 1983 CORE SIZE: AQ SYSTE	EM OF MEAS	URE: IM	PERIAL		SECTION	1:				
OMPLETE	): Ju1	y 12, 1983 DIP TESTS (CORRECTED): at 40	0', 30°0	0'			LOGGED	BY:	B. Cole			
URPOSE	CRO	SS SECTION		<del></del>			DATE L	OGGED:	July 14	-15, 19	83	
		5502200.						<del></del>			<del></del>	<del></del>
FOOT	AGE to	DESCRIPTION	No.	from	MPLE	Length	Au	Ag	Cu %	Zn %		
0.0		CASING AND OVERBURDEN			<del>- "</del>	Longin	<del> </del>	1	-}			_
							1	1				
14.0	84.0	CARBONATIZED MAFIC AGGLOMERATE: Pale green, highly		·								<u> </u>
		carbonatized, 30% clasts ranging from 2 cm to great				1	1	<u></u>				
		er than 10 cm. Both clasts and fine-grained matrix										
		speckled throughout with anhedral green amphibole				1				1		1
		blebs. Effervesces slightly to moderately when				<del> </del>	<b></b>		Ţ	1	<u> </u>	
		HCl is applied. Short massive basaltic sections										
		locally. Occasional large coarse-grained carbonate			· .					T		
		blebs.							J			
				 			ļ	<b></b>		ļ	ļ	-
	,	63.0-64.0: Brown, oxidized iron carbonate. Mas-	60466	63.0	64.0	1.0				ļ	ļ	↓
		sive, quite soft, minor quartz veining.		ļ	<b>1</b>	ļ	<del> </del>	<del></del>	<b>-</b>	ļ	ļ	┼
84.0	91.1	IRON CARBONATE: Buff coloured, massive with		<u> </u>		<del> </del>		<del> </del>	+	ļ		<del>  -     -                              </del>
04.0	72.1	numerous fractures. Small abundant breccia clasts		<u> </u>		1		1	-	<del></del>		
		locally. Staining indicates ankerite, major car-										
		bonate component although effervescing does occur.					1			1	1	
		Upper portion highly oxidized.										
			(0)(2	<u> </u>	96.0	2.9	ļ	<u> </u>	<b>_</b>	ļ		ļ
		84.0-86.9: Highly oxidized, brown, some carbonate	60467	84.0	86.9	2.9	<del> </del>		<b></b>	<b> </b>	<del> </del>	+
		veining.	,	<del> </del>	<b> </b>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	<b> </b>	<del> </del>	+-
		86.9-91.1: Minor quartz and carbonate veining.	60468	86.9	91.1	4.2						
							ļ			1	ļ	↓_
	- <del></del> -			<b> </b>	<del> </del>	<del> </del>	<del> </del> -	<del>- </del>		<del> </del>	}	+
	l		l <u></u> -	L	L	1	1	1	_1	L	<b></b>	1

<del></del>		DOME EXPLORAT DIAMOND			.IMITED	<u>.</u>			HOLE	No:	177-1 of • 4	
FOOT	1400			641	APLE			1	,		1	
from	AGE to	DESCRIPTION	N9	from	lo	Length	Au	Ag	Cu %	Zn %		
91.1	157.0	CARBONATIZED MAFIC-INTERMEDIATE LAPILLI-TUFF: Pale								ļ		
		green to yellow-green. 25% lithic clasts ranging			,				<b></b>	<u> </u>		
		from 5 mm to 30 mm in fine-grained matix. Numerous								<b> </b>	ļ	
		small clasts replaced by carbonate, abundant small							<u> </u>	<u> </u>	ļ <u>.</u>	ļ
		blebs of amphibole, occasional anhedral large			·				<u> </u>			
		carbonate blebs.						<u> </u>		ļ	<del> </del>	
						<u> </u>	ļ	<b></b>	<b> </b>	<del> </del>	<del> </del>	
		94.4-95.5: Iron carbonate; similar to 84-86.	60469	94.4	95.5	1.1		<del> </del>	<del> </del>	<del> </del> -	<del> </del>	
			40100			<del> </del>	<del></del>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	
		133.0-134.1: 15% interlaced quartz veining.	60470	133.0	134.1	1.1.		<del> </del>		<del> </del>	-	<del> </del>
		155.0-157.0: Very highly carbonatized, 15% random-	60471	155.0	157.0	2 0		<del> </del>		<del> </del>	1	
		ly orientated white and grey quartz veining.	DU4/1	133.11	13/.1	- <del></del>	1	1			1	
		ly offentated white and grey quartz verning.		<del> </del>		<del></del>		<del> </del>	1	<del> </del>	1	<b> </b>
157.0	199.6	IRON CARBONATE: Buff to greenish buff, brecciated	1									
<u> </u>		to lapilli-tuff appearance, ankerite major carbon-										Ĺ
		ate component although will effervesce when HC1										
		applied. Generally quite siliceous, 10%-15% thin										
		quartz veins at 45°-80°. Some stringers of epi-										
		dote, also apple-green alteration, fuschite?.										
					<u> </u>		<b> </b>	<b></b>		<b>↓</b>	<b>↓</b>	↓
		157.0-161.8; 10%-15% quartz veining.	60472	157.0	161.8	4.8	ļ	<del>- </del>	<b></b>	<b></b>	<del> </del>	<b>├</b> ──
							ļ	<del></del>	<del> </del>		<del>- </del>	├
		161.8-162.8: 7" wide, white, barren, massive	60473	161.8	162.8	1.0	<del> </del>	┪┈┈	<del> </del> -	<del> </del>	<del></del>	┼
		quartz vein.			<del> </del>		<del>                                     </del>	<del> </del>	┼	<del> </del>	1	<del>                                     </del>
	<del> </del>	162 0 105 6. 108 158 greats and the city of the first	60474	162.8	167.0	1, -	<del>                                     </del>	<del> </del>	<del> </del> -	<del> </del>	1	<del>                                     </del>
	ļ	162,8-185,6: 10%-15% quartz veining, minor finely disseminated pyrite locally.	60475	167.0	172.0		<del>                                     </del>	1	<del> </del>	<del>                                     </del>	1	
		ursseminated pyrite tocarry.	60476	172.0	177.0				1	1		
			60477	177.0								
			60478	182.0	185.6	3.6						
		185.6-186.6: 5% very finely disseminated pyrite.	60479	185.6	186.6	1.0	1	<b></b>	<b></b> _	1		<b></b>
		Numerous breccia fragments.		ļ	<u> </u>	<b> </b>	ļ	<b></b>	<del> </del> -	<del> </del>		<b> </b>

DIAMOND DRILL RECORD

HOLE NO: 177-1

PIGE NO:

3 of .

FOO	TAGE	OCCODINGIAN		SAI	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length			%	%		l
		186.6-199.6: 10%-15% quartz veining.	60480	186.6	191.4	4.8						
			60481	191.4	196.6	5.2						
			60482	196.6	199.6							
									1			
199.6	201.0	FELSITE DYKE: Dark grev. fine-grained, massive.	60483	199.6	201.0	1.4			T			
177,0		slightly siliceous, 10% white mica.	99499					1	1	1	1	
									1			
201,0	206.7	IRON CARBONATE: Similar to 157-199.										
- <del> </del>	200.7	THE CONTENTS OF THE PARTY OF TH	· · · · · · · · · · · · · · · · · · ·					1	1		1	
	· · · · · · · · · · · · · · · · · · ·	201.0-203.0: 5% quartz veining, appearance of	60494	201.0	203.0	2 0		1	<del> </del>		1	
		highly carbonatized volcanic, possibly some tour-	DUMBA	201.0	<u></u>	<del></del>		<b>1</b>	1	1	1	
		maline.				· · · · · ·			1		1	
·								1	1		1	
	<del> </del>	203.0-206.7; Orange-brown, highly oxidized.	60485	203.0	206.7	3 7	<b></b>	1	<del> </del>	1	†	i
	-	weathered, vuggy sections, possibly volcanic.	20303				1				1	
		wouldered, vopp, bedeating, possess, volumeter	<del></del>	· · · · · · · · · · · · · · · · · · ·		<b></b>			<del>                                     </del>	1	1	
206.7	0/0.1	CARDONAMIAND MARKA HOLOMANA D.A.				<del> </del>		<del> </del>	<del> </del>	1	1	<b></b>
206.7	242.1	CARBONATIZED MAFIC VOLCANIC: Pale green to yellow- ish green. 20% small green blebs of amphibole in				<del> </del>	<b></b>	<del> </del>	<del>                                     </del>	<del></del>	1	<u> </u>
		fine-grained matrix. Probably a tuff. Occasional		<del> </del>	<b></b>		<del> </del>	<del> </del>	1	<del> </del>	<del>                                     </del>	<del></del>
	ļ	thin "vein" of iron carbonate, often with quartz			<del> </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>
	ļ				<del> </del>			<del>                                     </del>	<del> </del> -	<del> </del>	<del>                                     </del>	<del> </del>
	<del></del>	veining.		<del> </del>	<del> </del>	<del> </del>	<del> </del>	1	<del>                                     </del>	<del>1</del>	<del> </del>	<del>                                     </del>
		011 ( 010 ( 00% 1 11)	(010)		212.6	1		1	<del> </del>	1	<del> </del>	<del>                                     </del>
	<del> </del>	211.6-212.6; 30% clear-white quartz veining.	60486	211.6	212.6	1.0-		<del> </del>	<del></del> -		<del></del>	<del> </del>
	ļ					-	<del> </del>	<del> </del>	<del> </del> -		<del> </del>	<del> </del>
	<del> </del>	229.8-231.1: 20% white quartz veining.	60487	229.8	231.1	1.3	<del> </del>	<del> </del>	<del> </del> -	1	<del> </del>	<del> </del>
0/0 1	011.6	TROU CARROWARD. CALLS	(0/00	0/0.5	2//	1	<del> </del>	<del> </del>	<del> </del> -	+	+	<del> </del>
242.1	244.6	IRON CARBONATE: Similar to 157-199, brecciated. randomly oriented thin quartz veins in 10%-15%	60488	242.1	244.6	4.3	<del> </del>	<del> </del>	<del> </del>	+	<del></del>	<del> </del>
	<del>                                     </del>			<del> </del>	<del> </del>	<del> </del>		<del>  .                                     </del>	┼	<del></del>		+
	<del> </del>	range.		<del> </del>	<del> </del>		<del> </del>	+	<del> </del> -	+	<del> </del>	+
2//	<del>  ,,, ,</del>		<u> </u>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	1	<del> </del> -	+	<del> </del>	<del> </del>
244.6	41/.0	CARBONATIZED MAFIC TUFF: Pale green, 30% small amphibole blebs (up to 5 mm in diameter) in	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del> -	+	+	<del> </del>
	<del>                                     </del>			<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	+	+	+	<del> </del>
		fine-grained matrix. Very crude foliation at 70°		<del> </del>	<del> </del>	┼──	<del> </del>	+	<del> </del> -		+	<del> </del>
	<b></b>	Some iron carbonate "veins". 5%-15% randomly orientated quartz veins throughout. Several	<b> </b>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del></del>	<del> </del>	<del> </del>
	1	offentared duarra Astus futon8mont. Senstat	<u> </u>	<u> </u>	L	<u></u>	<u> </u>		<del></del>		1	<del></del>

DIAMOND DRILL RECORD

HCLE No: 177-1

PAGE NE: 4 of • 4

		DESCRIPTION		SAI	MPLE		Au	As	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length			%	%		
		representative samples taken.										
			ļ			<u> </u>						
	<b> </b>	265.0-269.9: 10% quartz veining.	60489	265.0	269.9	4.9		ļ			ļ	
	ļ		ļ		ļ		ļ					
	ļ	299.4-304.4: 10% quartz veining.	60490	299.4	304.4	5.0	ļ	ļ		<b></b>	ļ	
	<u> </u>									<b> </b>	<b> </b>	ļ
	<b>↓</b>	309.2-314.0: 15% quartz veining.	60491	309.2	314.0	4.8	<b> </b>			<del> </del>	ļ	
	<del> </del>	000 1 000 0 15%	(0/00	000 1	250.0	<del>  , ,                                 </del>	<b> </b>	ļ		<del> </del>	<del> </del>	<del> </del>
	ļ	353.1-358.0: 15% quartz veining.	60492	353.1	358.0	4.9	<del></del>	<del> </del>	<del></del>	<b> </b>	ļ	ļ
	<del>                                     </del>	367.7-372.3: 10% quartz veining.	60493	367.7	272 2	4.6				<del> </del>	<del> </del>	
	<del> </del>	307.7-372.3: 10% quartz verning.	00493	30/./	3/4.3	4.0			<del></del>	<del> </del>	<del> </del>	
	<del> </del>	387.3-392.3: 10% quartz veining.	60494	387.3	202.2	5.0		ļ		<del> </del>	<del> </del>	
	<del>                                     </del>	367.3-392.3: 10% quartz Verning.	00434	307.3	392.3	3.0		<del> </del>		<del> </del>	<del> </del>	<del> </del>
	<u> </u>	409.0-417.0: Massive flow,	<del> </del>						~~~		1	
ļ. <u>.</u>	<b>†</b>	40710 417101 Habbive How	<del> </del>								1	
	417.0	END OF HOLE	<u> </u>				1			<del> </del>	<u> </u>	
	1	THIS VI HAME									1	
		Casing pulled										
	1											
	i	Drilling by Morissette Diamond Drilling Limited.										
		Haileybury, Ontario									<u> </u>	
										l		
		Core tested for fluorescence and radioactivity,									ļ	
		nothing of interset.	<u> </u>			ļ	ļ	ļ	L	ļ	ļ	ļ
					<b></b>	<b>]</b>	<b> </b>		<b></b>	<b> </b>	<b></b>	ļ
		Core stored at the Dome Mine, South Porcupine.	ļ		ļ		ļ					<b></b>
	<b></b>	Ontario	ļ		ļ		ļ		<b> </b> -		<u> </u>	<b></b>
	<del> </del>		<b></b>		ļ	<b> </b> -	<del> </del>	ļ	<del></del>	<u></u>	- <del> </del>	<del> </del>
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	1	<u> </u>	I	<del></del>	<del></del>		<del></del>	L	<u> </u>	<u> </u>	<del></del>	

	DOME EXPLOI	MITOIT (ONI	NUN LI	MILL P. P.							
		אח הפניו פר	CORD		•	***************************************		HOLE			
	to 100t 1, Claim 1.303263	NO DRILL NE	COND						بسكر		
Gr	id North (320°T)					PROPERT					
									asnips,	Untario	
-4	5° LENGTH' 317' EI	LEVATION:		<del></del>		CLAIM N	9: P.5	83225			
	*				<u></u>					<del></del>	
Ju	1y 13, 1983 CORE SIZE: AQ 8	YSTEM OF MEAS	URE: IMP	ERIAL		SECTION	! 			<del></del>	
Ju	1y 14, 1983 DIP TESTS (CORRECTED): At	317' 39°3	<u>)'</u>			LOGGED	BY: B.	_Cole			
								<del></del>			
CR	OSS SECTION		<del></del>			DATE LO	OGGED:	July_1	7, 1983.		
TACE	1	<del>- 1</del>	BAI	MPLE		T A	1 40	Cu	70	1	
10	DESCRIPTION	No.	from	10	Length			<b>%</b>	*		l
12.0	CASTNG AND OVERBURDEN			<del> </del>	<del>                                     </del>	3,27,20	<del>}</del>	<del> </del>	<del> </del>	1	<del>                                     </del>
12.0	GIDTHO THIS OF ENDORDER				<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>		
182.1	CARRONATIZED MARIC VOLCANIC: Pale green maggin	_		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	·	<del> </del>	1	
<u> </u>	to crudely foliated at 20°. 15% small lenticular	~		l	1	<del> </del>	1	·	<del> </del>	<del>  </del>	
<del> </del>			1	l	ļ	<u>-</u> -	<del> </del>	·	1		<del>                                     </del>
		×*-		<del>                                     </del>	1	<del> </del>	<del> </del>	·	<del> </del>	1	1
			<del> </del>		<del> </del>	<del> </del>	<del> </del>	-	1	1	<b>!</b>
<del></del>	variolites. Occasional carbonate and quartz ble	be	<del></del>	<del> </del>	<del> </del> -	<del> </del> -	<del> </del>	-	<del> </del>	<del> </del>	<u> </u>
	·		l	<del> </del>	<del> </del>	<del> </del>	1	-	1	1	<u> </u>
<del></del>	, and bettingers.			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	1	† <u>†</u>	
· · · · · ·	203 4-204 At 157 quarte-parhonate volutes	60405	203 6	204 4	110	1	1	+	1	1	1
	TONIN-LOUIS TON QUALTE-CATOURALE VEHILING.	- 1 - DV433	403.9	- KU4.4	1.0	<del> </del>	1		1	1	<del> </del>
	113 6-140 5: 107-157 querty-carbonete veining	60496	113.6	118 4	4.8	<del>                                     </del>	1		1	1	<del> </del>
						<del>                                     </del>	1	-:	<del>                                     </del>	1	<del> </del>
						<del> </del>	1	-}	<del>                                     </del>	1	1
·	AXXXXXI VIII VIII VIII VIII VIII VIII VI					<del> </del>	1	-i	<del> </del>	1	1
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	<u> </u>					1	1		1	1	<b>T</b>
		XX331	<del>  -43/4</del> V			1	<del> </del>	<del></del>	-	<del></del>	<del>                                     </del>
l	140.5-160.9: Breccie Zone: Highly frestured	60352	140 5	144 5	40	<del> </del>	<del> </del>		T	1	1
<b> </b>						<del>                                     </del>	1	<del> </del> -	1	<del></del>	1
	interlaced quarts-carbonate valuate Minor medi	11m 60354		154.5	4.0	<del> </del>	1	<del></del>	1	-	1
<b></b>						<del>                                     </del>	+	<del>-</del>		1	1-
<b> </b>	IRIAIDED SAUGULAT DALIES TOCSTIA.					<del> </del>	-	<del></del>		1	<del> </del>
<del> </del>			1 1 20 . 3	100.3	+	<del> </del>	+		<del> </del>	+	1
<del> </del>	160.9-167.7: Iron carbonate; brecciated. Ankeri	te 60357	160.9	164.7	3.8	<del> </del>		<del></del>	1	+	+-
5	S 520 E Gr -4 Ju CR CAGE	26+75N, 6+60E. From collar 520'E to Post 1, claim P.583225 Grid North (320°T)  -45°  LENGTH 317'  ENGINE 317'  LENGTH 317'  ENGINE 317'  LENGTH 317'  ENGINE 317'  ENGIN 317'  ENGINE 317'  ENGINE 317'  ENGINE 317'  ENGINE 317'  ENGIN 317'  ENGINE 317'  ENGINE 317'  ENGINE 317'  ENGINE 317'  ENGIN 317'  ENGINE 317'  ENGINE 317'  ENGINE 317'  ENGINE 317'  ENGIN 317'  ENGINE 317'  ENGIN 317'  EN	26+75N, 6+60E. From collar 520'E to Post 1, claim P.583225 Grid North (320°T)  -45°  LENGTH' 317'  LENGTH' 317'  ELEVATION'  July 13, 1983  CORE SIZE: AQ SYSTEM OF MEAS  July 14, 1983  DIP TESTS (CORRECTED): at 317' 39°3(  CROSS SECTION  RAGE  10  12.0 CASING AND OVERBURDEN  182.1 CARBONATIZED MAFIC VOLCANIC: Pale green, massive to crudely foliated at 20°, 15% small lenticular green amphibole blebs in fine-grained matrix, 10% small spheroidal, highly siliceous blebs (20 mm to 10 mm in diameter). Possibly spherulites or variolites. Occasional carbonate and quartz blebs and stringers.  203.4-204.4: 15% quartz-carbonate veining. 60495 Randomly orientated. Very highly carbonatized 60497 locally. Slightly brecciated. 60498 60499  60500 60351  140.5-160.9: Breccia Zone: Highly fractured 60352 siliceous, chloritic mafic volcanic with 15%-30% 60353 interlaced quartz-carbonate veining. Minor medium 60354 grained euhedral pyrite locally. 60355  grained euhedral pyrite locally. 60355	26+75N, 6+60E. From collar 5 520'E to Post 1, claim P.583225 Grid North (320°T)  -45°  LENGTH 317' ELEVATION:  July 13, 1983  CORE SIZE: AQ SYSTEM OF MEASURE: IMP  July 14, 1983  DIP TESTS (CORRECTED): At 317' 39°30'  CROSS SECTION  TAGE to DESCRIPTION  TAGE to CASING AND OVERBURDEN  182.1 CARBONATIZED MAFIC VOLCANIC: Pale green, massive to crudely foliated at 20', 15% small lenticular green amphibole blebs in fine-grained matrix. 10% small spheroidal, highly siliceous blebs (2 mm to 10 mm in diameter). Possibly spherulites or variolites. Occasional carbonate and quartz blebs and stringers.  203.4-204.4: 15% quartz-carbonate veining. 60495  113.6-140.5: 10%-15% quartz-carbonate veining. 60496 113.6  Randomly orientated. Very highly carbonatized 60497 118.4  locally. Slightly brecciated. 60498 123.2  60500 133.5  60500 133.5  60501 137.0  140.5-160.9: Breccia Zone: Highly fractured 60352 140.5  siliceous, chloritic mafic volcanic with 15%-30% 60353 144.5  erained euhedral pyrite locally. 60355 154.5  grained euhedral pyrite locally. 60355 154.5	26+75N, 6+60E. From collar   520'E to Post 1, claim P,583225   Grid North (320°T)	CROSS SECTION     SAMPLE	S20'E to Post 1, claim P.583225   OIAMOND DRILL RECORD   PROPERT    -45°   LENGTH   317'   ELEVATION:   CLAIM    -45°   LENGTH   317'   SYSTEM OF MEASURE: IMPERIAL   SECTION    -40°   LOGGED   LOGGED    -40°   LOGGED   LOGGED   LOGGED    -40°   LOGGED   LOGGED   LOGGED    -40°   LOGGED   LOGGED   LOGGED   LOGGED   LOGGED    -40°   LOGGED   LOGGE	26+75N, 6+60E. From collar   1520'E to Post 1, claim P.583225   OIAMOND DRILL RECORD   PROPERTY: PROFESSION   CLAIM No: P.5   The CALIM No: P.5	HOLE   South   Color   Prom collar   South   Collar   Property   Property	HOLE No.   1.0   HOLE	DIAMOND DRILL RECORD   NO.   No.

DIAMOND DRILL RECORD

HOLE NO: 177-2

A BE NO:

' 2 ef •

FOO	TAGE	DESCRIPTION		SAN	IPLE		Au	Ag	Cu	Zn	1	1
from	10		NP	from	to ·	Length			1	4.		İ
		carbonate veining.			7						1	1
									<del>                                     </del>	]	1	
		167.7-174.4: Breccia Zone, similar to 140-160,	60359	167.7	170.2	2.5			<del></del>	1	1	1
		Oxidized sections locally,	60360	170.2	174.4				T	1	1	1
4								1		1		1
		174.4-175.9: Similar to 140-160. 70% clear	60361	174.4	175.9	1.5						1
		quartz-carbonate veining.										T
												1
		175.9-182.1: Similar to 140-160, 50% quartz-	60362	175.9	178.5	3.4						T
		carbonate veining.	60363	178.5	182.1	3.6		,				1
								I	T	1		1
182.1	248.7	IRON CARBONATE: Buff to slightly greenish buff.										
		Massive although highly brecciated. Siliceous.										T
		30%-60% quartz-carbonate veining. 1% very finely										1
		disseminated pyrite.									1	1
												T
		182.1-202.2: 30%-50% irregular quartz-carbonate	60364	182.1	187.0	4.9			1			.]
		veining.	60365	187.0	192.0	5.0						$T_{-}$
			60366	192.0	197.0	5.0						T
			60367	197.0	202.2	5.2						T
		·										T
		202.2-203.1: Massive, white, quartz-carbonate vein	60368	202.2	203.1	0.9			T		T -	1
						•			1			1
						1						1
		203.1-220.7: 30%-60% irregular quartz-carbonate	60369	203.1	207.0	3.9						T
		veining. Minor tourmaline?	60370	207.0	211.6	4,6						Т
		,	60371	211.6		4.5						Т
			60372			4.6						$\mathbf{I}$
			,									
		220.7-248.7: 15%-30% irregular quartz-carbonate	60373	220.7		4.8						
		12-22 very fine blebs and disseminations of pyrite.	60374	225.5	230.5	5.0						
			60375	230.5	235.3	4.8		]				
			60376	235.3	239.7	4.6						
			60377		244.2	4.5						
			60378	244.2		4.5		1				

DOME EXPLORATION (CANADA) LIMITED HULE NO DIAMOND DRILL RECORD 177-2 AVGE NO: 3 of · 3 SAMPLE FOOTAGE DESCRIPTION from Length 317.0 CARBONATIZED MAFIC TUFF: Pale green, moderately 248.7 well-developed foliation at 45°. 40% lenticular green amphibole blebs up to 3 mm in diameter in fine-grained matrix. Some carbonate blebs and quartz-carbonate veining. 317.0 END OF HOLE Casing pulled Drilling by N. Morissette Diamond Drilling Limited Haileybury, Ontario Core checked for fluorescence and radioactivity nothing of interest. Core stored at the Dome Mine. South Porcupine. Ont.

		, 2+25E. From collar to Post 1. claim P.583612 DIAM	IOND DRILL RE	CORD				<u></u>	HOLE		7-3	
AZIMUTH:	9 100 E	10 FOSL 1. CIRIH F. 203012					PROPERT	V				<del></del>
							PROPERI	' PROJ	CT 177	- Mackl	em and	
NP:		90° LENGTH: 207°	CI CHARLON.	· · · · · ·					18 Towns	hips, O	ntario	
AF:		90° LENGTH: 207°	ELEVATION:			·	CLAIM N	9: P.58	3612			
STARTED:		0005 0005	AVA			<del></del>			<del></del>	<del></del>		
SIARIED:	J	uly 14, 1983 CORE SIZE' AQ	SYSTEM OF MEA	OKE: IM	PERIAL	·	SECTION		<del></del>			
COMPLETED	): J	uly 15, 1983 DIP TESTS (CORRECTED): at	207 86 0	)'			LOGGED	BY: B.	Cole			
PURPOSE	C	ROSS SECTION					DATE LO	GGED	July	19, 198	3	
FOOT	ACF		T	841	APLE		Au	40	0	7.		
from	to	DESCRIPTION	No.	from	to	Length	dwt/tor	Ag	Cu	Zn %	1	
0.0	10.0	CASING					HWL/LOI	<b></b>	<del></del>	<del> </del>	<del>                                     </del>	
		XXXXX					<b>!</b>	<del> </del>		<del> </del>	<del>  </del>	
10.0	58.1	BRECCIA ZONE: Predominantly highly fractured	and				<del>  .                                   </del>	<del> </del>	<del></del>	<del> </del>	<del>                                     </del>	
		carbonatized mafic volcanic with very numerous		l			<del> </del>	<b> </b>	<del> </del>	<del> </del>	<del>  </del>	
		large to small clasts of iron carbonate. Pale					1	<del>                                     </del>		+	<del>  </del>	
		green to buff in colour. Numerous randomly or	(enta			<del></del>	<b> </b>	<del> </del>	-,	<del> </del>	<b> </b>	
	· <del>···········</del>	ated veins of quartz-carbonate, Minor weather					<del> </del>	<del> </del>	!	<del>                                     </del>	1	
		vuggy, oxidized sections. Rare pyrite bleb.					<del> </del>	<del> </del>	-'	1	<del> </del>	
		Blocky locally.					<del> </del>	<u> </u>	,	<del> </del>		
							† <del></del>		<del></del>	1	1	
		10.0-58.1: 5%-15% quartz-carbonate veining.	60379	10.0	17.0	7.0	<del> </del>	1	1	<del> </del>	<del>  </del>	
		Some ground portions, 1% granular p		17.0	21.8		<b> </b>	<del> </del>	1	1		
		stringers between 37.0 and 39.0.	60381	21.8	26.5			<del>                                     </del>	1	1	1	
			60382	26.5	30.9	4.4	1	1	1	<del>1</del>		
			60383	30.9	36.0				1	1		
			60384	36.0	40.8		<del>                                     </del>		1	1	1	
			60385	40.8	45.6		1		1			
			60386	45.6	50.4		1	1		1		
			60387	50.4	54.5		T	<u> </u>	1	1		
			60388	54.5	58,1			;				,
								1	1	1		
58.1	86.2	IRON CARBONATE: Buff to greenish buff, massiv	e				1	T	1	1		
		ankerite predominant carbonate component. Sil	1-									
		ceous. Hint of foliation running parallel wit	h		]		T		1	1	1	
	ļ	the core axis. Some sections with 10% dissemi	nated		]	<u> </u>	<u> </u>		1	1		
		the core axis. Some sections with 10% dissemi- black spots (manganese oxide?) Occasional qua-	rtz-						1			
	1	carbonate vein.						1				

DIAMOND DRILL RECORD

HIXLE NO: 177-3

PRIGE NO: 2 of . 3

FOOTAGE	DESCRIPTION			PLE		Au	AĐ	Cu	Zn		
from 10	DESCRIPTION	NP	from	to	Longth			9%	9%		
	58.1-75.0: 5% quartz-carbonate veining.	60389	58.1	62.6				<u> </u>	<u> </u>		
		60390	62.6	66.2				<u> </u>			
		60391	66.2	70.5	4.3						
		60392	70.5	75.0	4.5				<u> </u>		
	75.0-77.7: 10% quartz-carbonate veining, 2%	60393	75.0	77.7	2.7						
	disseminate pyrite.						<u> </u>				
	UIBBEHILIBLE VIIIII							L	<u> </u>	<u> </u>	
	77.7-83.6: Similar to 58-75 with some mafic	60394	77.7	83.6	5.9						
	sections.									l	
	83.6-86.2: Highly oxidized red brown. Minor	60395	83.6	86.2	2.6						
	specks of pyrite.										
	DECOMO OF PLEASE										
86.2 207.0	CARBONATIZED MAFIC VOLCANIC: Very highly carbon=									<u> </u>	
207.14	atized. Soft. Pale green to buff. Massive to								<u>'                                    </u>	1	<u></u>
	weakly foliated at 15° to parallel with the core						1				<u> </u>
	axis. Probably pyroclastic. 5%-10% small, green					I				<u> </u>	
	amphibole blebs. Occasional quartz carbonate vein.										1_
	dwyniovie viewa. Vickasunai gamer latasiai										
	90.0-93.8; 15% quartz-carbonate veining. 2%	60396	90.0	93.8	3.8				1		
	pyrite. Slightly brecciated.										<u> </u>
<del></del>	pyrite: originary processing						1		1		
	119.8-121.5: 10% quartz-carbonate veining. 1%	60397	110 8	121.5	1 7						
	pyrite.										
	P7.11.61										
<del></del>	149.9-151.0: 15% quartz veining, Minor tourmaline?	60398	149.9	151.0	1.1						
	14717 131101 13W QUELT VOTILIBLE HARVE ESSENTIAL		1								
207.0	END OF HOLE										
	HILL AS HARE										
	Casing pulled.										
	Drilling by Morissette Dismond Drilling Limited										
	Haileyhury Ontario						<u> </u>				
	Core checked for fluorescence and radioactivity;										
	nothing of interest.	1		1					1	1	1

DOME EXPLORATION (CANADA) LIMITED HELE NO: DIAMOND DRILL RECORD PAGE NE: 3 of . 3 SAMPLE FOOTAGE DESCRIPTION Length from Core stored at the Dome Mine, South Porcupine, Ontario.

OCATION:	A±50N	23+60E. From collar								LUCY E	114	
		to Post 2, Claim P.583218	DIAMOND	DRILL RE	CORD					HOLE	N¥ 177-	5
ZIMUTH:		230°						PROPERT	Y: PRO	ECT 177		
								<del></del>	Tho	as Towns	hips, 0	ntario
IP:		-45°	LENGTH: 385' ELEV	ATION:				CLAIM N				
TARTED:	Am	gust 3, 1983	CORE SIZE: AQ SYST	EM OF MEA	RIDE: IM	PRIAL		SECTION:				
TARTED.		5451 3, 1703	0000		9011E			000110111				
OMPLETED	Au	gust 5, 1983	DIP TESTS (CORRECTED): at 250	01, 4600	)'			LOGGED	BY: B	Cole		
			at 38	5', 41°30	)'							
URPOSE	CR	OSS SECTION						DATE LO	GGED	August 6	, 1983	
FOOT	CF			<del></del>	8A	MPLE		Au	Ag	Cu	Zn	
from	to	DESCR	IPTION	No.	from	to	Length	dwt/ton		%	%	
0.0	12.0	CASING AND OVERBURDEN										
	105 5	OLDBOULMIGED MIETO MONTH	Dala anno de anno 22 -	···-	ļ	<b> </b>	ļ			ļ		
12.0	185.5		Pale green to grey. Fine minantly feldspathic with		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>		<del> </del>		
		lesser amphibolitic, bleb			<del> </del>	<del> </del> -				<del>                                     </del>		
		Moderately well-developed				<u> </u>	<u> </u>			1		
		the core axis. Numerous	blebs and veins of quartz-									
		carbonate. Several thin	intercalations of very			<u> </u>						
		fine-grained ash-tuff as			<del> </del>	<del> </del>	<b> </b>	ļ		ļl		
			ng from 1' to 6' in width.		<del> </del> -			<del> </del>				
		20% amphibolite and highly and lenticular clasts (up	y carbonatized angular to 40 mm in diameter)		<del> </del>	<del> </del>	<del></del>	<del> </del>		<del> </del>		
		in fine grained moderately	y siliceous matrix.		<del> </del>	<del> </del>	<del>                                     </del>					
		20.8-23.4: 40% blebby qu	artz-carbonate.	60556	20.8	23.4	2.6					
		20 0 00 7 75% /		60557	28.8	29.7	0.0			ļI		
		26.6-29.7: /3% irregular	quartz-carbonate veining.	60337	20.0	29.1	0.9	<del> </del>		<del> </del>		
		62.7-63.9: 80% massive qu	uartz-carbonate veining.	60558	62.7	63.9	1.2					
		99.0-100.6: 25% quartz-c	arbonate blebs.	60559	99.0	100.6	1.6			1		
					1	<del> </del>	-	<del> </del>		i		
		107.5-109.6: 15% small sp  blebs.	pherical quartz-carbonate	60560	107.5	109.6	7.1	<b> </b>				
		10001		<del></del>	<b>†</b>	† <del>-</del>	<b>†</b>	t		:		
		143,2-145,1; 20% quartz-	carbonate veining in	60561	143.2	145.1	1.9					
		lapilli-tuff.								T		

DIAMOND DRILL RECORD

177-5
Prige Ne: 2 of • 3

HILE NO

F007	AGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	NO	from	10	Length	lwt/ton		%	%		
		175.4-182.2: Similar to 143.2-145.1	60562	175.4	179.2	3.8						T
			60563	179.2	182.2	3.0						Т
											J	$\mathbf{I}$
185.5	192.1	BASALT: Dark green, fine-grained, massive, quite										
		chloritic, minor quartz-carbonate veining.										
192.1	289.2	MAFIC TUFF: Similar to 12-185 although only slight								<u> </u>		
		ly carbonatized. Foliation at 40°. Short massive								<u> </u>		1_
		sections. Possibly flows.								<b> </b>	1	↓_
		211.5-213.8: 15% quartz-carbonate veining.	60564	211.5	213.8	2.3				<b> </b>	<b> </b>	<del> </del>
					ļ	ļ	<b>.</b>		<b> </b>	ļ		┼
289.2	330.7	BASALT: Dark green. Medium to fine-grained.				ļ				<b> </b>		4
		Massive, some white feldspar phenocrysts locally.			ļ					<u> </u>		↓
		Minor quartz-carbonate veining, generally at 40°.			ļ	ļ				ļ		↓_
					<del> </del>	<del></del>			<del> </del> -	<del> </del>		╂
		309.7-311.1: 20% irregular quartz-carbonate	60565	309.7	311.1	1.4				<b> </b>	<del> </del>	┥—
		veining.			<del> </del>	<del> </del>			<del> </del>	<del> </del>	<del> </del>	╂
					ļ	<b> </b>						┼
		315.1-316.0: 4" wide massive quartz-carbonate vein	60566	315.1	316.0	0.9		<del></del>	<del> </del> -	<del> </del>	<del> </del>	┼─
	<b> </b>	Trace pyrite.			<del> </del>	<del> </del>			<del> </del> -	<del> </del>	<del>- </del>	
330.7	377 2	MAFIC TUFF (?): Similar to 190-289. Very weak							<del> </del>	<del> </del>	<del> </del>	+-
330.7	3//.2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			<del> </del>	<del> </del>					+	+-
	<del>                                     </del>	foliation at 50° to massive. Possibly mafic flows.					ļ		<del> </del> -	<del> </del>	<del> </del>	+
	<del> </del>	227 0 220 0 20%	(05/7	337.9	339.2	1			<del> </del> -	<del> </del>	<del> </del>	+
	<del> </del>	337.9-339.2: 30% swirling quartz-carbonate veins.	60567	33/.9	339.2	1.3	1		<del> </del> -	1	<del> </del>	+-
		367.6-369.2: 30% quartz-carbonate. 10% dissemin-	60568	367.6	369.2	16			<del> </del>	<del> </del>	<del> </del>	+-
		ated pyrite locally.	00300	307.0	303.2	1.0	<del> </del>			<del> </del>	1	+-
	· · · · · · ·	1							<del> </del> -	<del> </del>	<del> </del>	+-
		369,2-370,1: 3" wide massive quartz-carbonate vein	60569	369.2	370.1	0.0	<del>                                     </del>		<del> </del> -	<del>                                     </del>	1	T
	<del>                                     </del>	Juy, 4-3/0,1: 3 wide massive quartz-carbonate vein		-304-5		111.4	1		<del>                                     </del>	<del>                                     </del>		1—
377.2	379.0	FELSIC DYKE: Light grey, massive, moderately	60570	377.2	379.0	1.8	† · · · ·		<del> </del>		1	+-
5,,,2	3,7.0	siliceous. 10% very finely disseminated pyrite.	עזכטט		3/3.0	1.0	<b> </b>		<del> </del> -	1	1	1-
		15% very small phenocrysts of feldspar in fine-			1	1	t		1		1	1
	<u> </u>	grained matrix.			<del></del>					+	+	+

DIAMOND DRILL RECORD

HELE NO 177-5

FOOF	ACR I			S A I	MPLE		Au	4.0		3	3	
from	to to	DESCRIPTION	N9	from	to	Length	dwt/ton	Ag	Cu %	Zn %	1	
		MAFIC TUFF(?): Similar to 330-377.					dWL7 LOII		<del></del>			
379.0	363.0	MAPIC TUFF(!): Similar to 330-377.	· <del></del> · · · · · · · · · · · · · · · · · ·			l						
	205.0	END OF HOLE				<del> </del>						
	383.0	END OF HOLE										
						<del> </del>	<b></b>					
		Casing pulled			ļ	<del> </del>						
<del></del>					ļ	<del> </del>				<del></del>		
		Core checked for fluorescence and radioactivity.								<del> </del>		
		Nothing of interest.			<b>-</b>					<del> </del> -		
				<del></del>	<del> </del>					<del> </del>		
		Drilling by Morissette Diamond Drilling Limited			ļ	<b> </b>	<del></del>			<b> </b>		
		Haileybury, Ontario			<b> </b>	<del> </del>	<u> </u>			ļ		
					<del> </del>							
		Core stored at the Dome Mine, South Porcupine, Ont.			ļ	ļ						
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		; 14+45E. From collar							HOLE			
175'N	& 630'E	to Post 1, Claim P.583221 DIA 007°(T)	AMOND DRILL RE	CORD						177		
AZIMUTH:		007°(T)					PROPER	TY' PRO I				
								Thou	as Town	ships,	Ontario	
: 9K	-45°	LENGTH: 877	ELEVATION:				CLAIM	Nº: P.	583221	-	297'	
								Ρ,	583220	-	5801	
STARTED:	July 1	6, 1983 CORE SIZE: AQ	SYSTEM OF MEAS	URE: IM	PERIAL		SECTION	1:				
COMPLETE	D: July 2	3, 1983 DIP TESTS (CORRECTED):		°30'			LOGGED	BY: A	3. Cole			
			at 750'; 34	°30'								
PURPOSE	CROSS	SECTION					DATE L	OGGED:	uly 18-	25, 198	3	
FOOT		DESCRIPTION		SAI	MPLE		Αu	Ag	Cu	Zn		
from	to	DECOME NOT	No.	from	to	Length			%	%		
0.0	20.0	CASING AND OVERBURDEN				<u> </u>		<u> </u>			ļ <u>.</u>	
						<u> </u>			<u> </u>		<u></u>	<u> </u>
20.0	106.7	CARBONATIZED MAFIC VOLCANICS: Pale green, mo				<u> </u>						I
		ly well-developed foliation generally at 30°					<u> </u>			<u> </u>		
		core axis, but ranges from 15°-45°, primarily	a				<u> </u>					
		pyroclastic, 10%-40% green, lenticular to ble							L	<u> </u>	ļ	<u></u>
		amphiboles (2 mm to 8 mm in diameter) clasts	in							<u> </u>		<u> </u>
		soft, buff coloured, fine-grained matrix, Oc						ļ		<u> </u>		
····		sional blebs and veins of quartz-carbonate an	d							<u> </u>	<u> </u>	<u> </u>
		carbonate. Rare pyrite speck. Occasional br							1	<u> </u>	1	
		oxidized sections. Slightly blocky throughou	t					ļ		ļ		ļ
								<u> </u>				<u> </u>
		42.3-44.2: 50% coarse carbonate veins, 10% t	hin 60399	42.3	44.2	1.9	<u> </u>	<u></u>				ļ
		quartz-carbonate veining.					<u> </u>	<u> </u>			<u> </u>	<u> </u>
								<b>_</b>		ļ	<b></b>	
	<del></del>	84.8-89.6: 20% irregular quartz-carbonate.	60400	84.8	89.6	4.8	<b></b>	<del> </del>			ļ	<u> </u>
							<b> </b>	<b></b>	ļ	ļ	ļ	<u> </u>
106.7	111.0	FELSIC DYKE: Light grey, massive, fine-grai	ned.	ļ	ļ	<b></b>	<b> </b> -	<b></b>	<u> </u>	<b> </b>	1	ļ
	ļ	highly siliceous. Minor pyrite.				<del> </del>		<del> </del>		ļ	ļ	<del> </del>
111 0	(72.0	CARRONAMIZED MARKE NOT CANZO. CALLES	<del></del>		ļ	ļ	<b> </b>	<b></b>	<b> </b>	<del> </del>	<b></b>	<del> </del>
111.0	0/3.8	CARBONATIZED MAFIC VOLCANIC: Similar to 20-				ļ	ļ	<b> </b>	ļ	ļ	<del> </del>	
		Moderately chloritic between 260.9- Qu	ite		ļ	ļ		<del> </del>		<b> </b>	<del> </del>	<del> </del>
		blocky.				ļ	<del> </del>	<del> </del>	ļ	ļ	<del> </del>	ļ
		111 0 1/2 64 Populhly most of flow magazine b	10hln			ļ	<b> </b>	<del> </del>	ļ	<b> </b>	<b> </b>	<del> </del>
	ļ	111.0-142.6: Possibly mafic flow; massive, hamphibolitic and feldspathic.	TRUITA		<b></b> _	<del> </del>	<b></b> -	<del> </del>	<b> </b>	<del> </del>	1	<del> </del>
	L	smburbolicic and rerdabature.		L	L	1	L			I	L	<u> </u>

DIAMOND DRILL RECORD

HOLE NO: 177-6

Price No:

F007	AGE	DESCRIPTION		SAN	IPLE		Au	As	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length			9%	%		1
		147.5-148.6: 1.5" wide quartz-carbonate vein at 20°.	60501	147.5	148.6	1.1						
								<u> </u>	L			
		164.5-165.5: 4" wide carbonate vein.	60502	164.5	165.5	1.0			<u> </u>			<u> </u>
								<u> </u>		J		<u> </u>
		241.5-252.2: 15%-20% quartz-carbonate veining.	60503	241.5	247.0			<u> </u>		<b></b>		
		Very highly carbonatized.	60504	247.0	250.2	4.2		ļ		<u> </u>	<u> </u>	
								<u> </u>	<b> </b>	<b></b>	<u> </u>	ļ
		256.7-257.9: 40% quartz-carbonate veining.	60505	256.7	257.9	1.2			<u> </u>	<b>↓</b>	<del></del>	<u> </u>
								ļ	↓	ļ	ļ	<u> </u>
		259.0-260.9: 40% quartz-carbonate veining.	60506	259.0	260.9	1.9		<u> </u>	<u></u>	ļ	<b></b>	
		•							<b>}</b>		<b> </b>	<b> </b>
		313.5-315.5: 25% quartz-carbonate veining at 10°.	60507	313.5	315.5	2.0		ļ	<b></b>	<b></b>	ļ <u>.</u>	ļ
	<del> </del>							ļ	<del> </del> _	<del>  </del>	ļ	<del> </del>
		400.0-402.0: 20% quartz-carbonate veining.	60508	400.0	402.0	2.0		ļ	<del> </del> -	<b> </b>	<b> </b>	<b> </b>
									<del> </del>	ļ		<del> </del>
		403.0-407.0: Grind.						ļ	<b> </b> -	ļ	ļ	ļ
								<b></b>	<del> </del>	<del> </del>	<del> </del>	<del> </del>
		410.0-413.0: Grind.				ļ		<b> </b>	<b>↓</b>	<b></b>	<del> </del>	┼
							<u> </u>	ļ	<b> </b>	<del> </del>	<del>  </del>	<b></b>
		493.6-495.8: 40% irregular quartz-carbonate.	60509	493.6	495.8	2.2	<u> </u>	<b></b>	<b> </b> -	<del> </del>	<del> </del>	<b>├</b>
						<b> </b>	<b></b>	<b></b>	<del> </del> -	<b></b>	<del> </del>	<b>├</b> ─
		524.3-525.4: 4" wide quartz-carbonate vein.	60510	524.3	525.4	1.1			<b>├</b>	<b></b>	<del> </del>	┼
								ļ	<del> </del> -	<del> </del>	<del> </del>	
		543.0-544.8: 20% quartz-carbonate veining. Minor	60511	543.0	544.8	1.8	ļ <u>.</u>	<del> </del>	<del></del> -		<del> </del>	<del> </del>
		pyrite.						<del> </del>	<del> </del>	<del></del>	<del> </del>	1
								<del></del>	<del> </del> -	<del> </del>	<del> </del>	╂
673.8	688.0	INTERMEDIATE-FELSIC TUFF: Light green, well-developed foliation at 50°. 40% lenticular quartz and					<del> </del>	<del> </del>	<del> </del>	+	<del>}</del>	┼—
						ļ		<b></b>	<del> </del>	<del> </del>	<del> </del>	┼─
		mafic clasts (2 mm to 5 mm in diameter) in greenish	<del> </del>				<del> </del>	┼	<del> </del> -	+	<del> </del>	+
		buff, fine-grained matrix. Carbonatized, 10% thin quartz veins parallel to the foliation. Rare	<b></b>				<del> </del>	<del> </del>	<del> </del> -	+	<del> </del>	+
		speck of pyrite.	}				<del> </del>	+	<del> </del>	<del> </del>	1	+
		opeca or pyrace.		<del></del>			<del> </del>	+	<del> </del> -	+	+	1
		<del> </del>			<del></del>			<del> </del>	<del> </del> -	+	<del> </del>	+
688.0	697.4	FELSI G DYKE: Similar to 106-111.			ļ	<b> </b>	<b> </b>	<del>1</del>	<del></del>	<del></del>	<del></del>	+

		DOME EXPLORAT DIAMOND			IMITED	-			HXLE	No:	177-6	
		DIAMOND	DRILL RE	COND					PAGE	A40 :	of · 3	
FOO	TAGE			SAM	PLE		Αυ	As	Cu	Zn	Γ	
from	to	DESCRIPTION	NO	from	to	Length			%	%		
697.4	766.4	INTERMEDIATE-FELSIC TUFF: Similar to 673-688.									ļ	
		708.7-714.8: 5% - 10% quartz veining, minor pyrite Representative sample.	60512	708.7	713.7	5.0						
		718.2-723.3: Similar to 708-714.	60513	718.2	723.3	5.1						
		751.3-753.5: Massive, fine-grained, siliceous.								<u> </u>		
		765.2-766.4: Similar to 751-753.										
766.4	877.0	KOMATIITIC FLOW: Black green, massive to weakly foliated at 55°. Generally fine-grained. Soft.										
		Carbonatized. Chloritic, very slightly talcose locally. Slightly to moderately magnetic. Numer-ous small blebs and thin stringers of carbonate.							<del></del>			
		Some irregular quartz-carbonate veining. Generally blocky.										
		766.4-787.5: 10%-20% irregular quartz-carbonate	60514	766.4	771.0					ļ		
		veining. Quite blocky, minor pyrite.	60515 60516	771.0 777.0	777.0 782.0	5.0				ļ		
	ļ		60517	782.0	787.5	3,3					<b>!</b>	<del> </del>
		875.0-877.0: Quite highly talcose.										
	877.0	HOLE ARANDONED: Rods broke at 347'. Unable To										
		Casing left in hole at Morissette's request. Drilling by Morissette Diamond Drilling Limited										
		Haileybury, Ontario  Core checked for fluorescence and radioactivity; nothing of interest.								7		
		Core stored at the Dome Mine, South Porcupine, Ont.					$-\mathcal{V}$	ميدا	<u>m</u>	W		

		··· <u></u>										
LOCATION:		N, 14+80E. From collar	OND DRILL RE	CODD					HOLE			,
		LO TOBL 1, CIAIM 1.703221	IONU DRILL RE	COND							177-7	
ZIMUTH:	18	7° (T)					PROPER	TY: PRO				
							<del></del>		as Town	ships,	Untario	D
MP:	-4	5° LENGTH: 5851	ELEVATION:				CLAIM	Nº: P.5	33221			
STARTED:	7.,	ly 24, 1983 CORE SIZE: AQ	SYSTEM OF MEA	eupe. Im	narial		SECTION			<u> </u>	· · · · · · · · · · · · · · · · · · ·	
SIARIED	Ju	ty 24, 1703 Core size. Aq	STOTEM OF MEA	SURE: IM	PELLAI		SECTION	••	***************************************			
OMPLETED	· Ju	ly 26, 1983 OIP TESTS (CORRECTED): At	250': 41°30	!			LOGGED	8Y:	B. Cole			
			450'; 32°00									
URPOSE:	CR	OSS SECTION A	585': 25°00				DATE L	OGGED:	July	27-28,	1983	
FOOTA		DESCRIPTION			MPLE	·	Au	Ag	Cu	Zn		
from	to		No.	from	to	Length	ļ		%	%	ļ	<u> </u>
0.0	22.0	CASING AND OVERBURDEN		<del> </del>	<del> </del>	ļ	ļ	- <del> </del>		<b> </b>	<b></b>	↓
22.0	247 9	CARBONATIZED MAFIC TUFF: Pale green to green.		<del> </del>	<del> </del>	<del> </del>	<del> </del>	+	+	<del> </del> -	<del> </del>	<del> </del>
22.0	44/.0	Highly carbonatized. 40%-60% feldspathic and		<del> </del>	<del> </del>			<b></b>	<del></del>	<del> </del>	+	┼─
		amphibolitic lenticular clasts (up to 5 mm in			<u> </u>		<del> </del>	<del>                                     </del>	:	<del> </del>	<del> </del>	╁
		diameter) in fine-grained, generally chloritic		<del>                                     </del>	<del> </del>		<del> </del>	<del> </del>		<del> </del>	+	+
		matrix. Moderately well-developed foliation at		<del> </del>	<del> </del>		<del> </del>	+		<del> </del>	<del> </del>	+-
		-50° to the core axis. Some quartz-carbonate					<del> </del>	1	!	†	<del> </del> -	<del>                                     </del>
		ing as well as large, angular carbonate blebs.	Oc-		† · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	ļ - <del></del>	<del> </del>		<u> </u>		1
		casional short, red-brown oxidized section. So	me							1		1
]		chloritic, massive flows up to 4' in width occu	ır									
		occasionally.							l			
					<u></u>					<u> </u>	1	
		118.0-119.0: 70% quartz-carbonate veining.	60518	118.0	119.0	1.0		<u> </u>	·	<b>!</b>	<b>↓</b>	ļ
				<b> </b>			ļ	<del></del>	<u> </u>	ļ	ļ	↓
		125.0-127.0: 15% irregular quartz-carbonate veling with minor tourmaline (?)	in- 60519	125.0	127.0	2.0	<del> </del>	<del>- </del>		<del> </del>		├
		ing with minor courmatine (1)	<del></del>	<del> </del>	ļ		<del> </del>	<del> </del>	ļ	ļ		<del> </del> -
		146.8-147.9: 80% massive quartz-carbonate.	60520	146.8	147.9	<del>  - , -</del>	<del> </del>	<del> </del>	<b> </b>			+-
		1140.0 141.5. One mapping dustre-catholiste.	00320	140.8	147.9	<del> </del>	<del> </del>			<del> </del>	+	<del> </del>
		161.4-166.0: 20% small irregular quartz-carbor	ate 60521	161.4	166.0	4.6	<del> </del>	+	·	<del> </del>	<del> </del>	+
		blebs.	WEC   00321	1 *****	100.0	7.0	<del> </del>	1		<b>†</b>	<del> </del>	1
						<b>†</b>	1	1	1	1	1	1
		188.1-192.7: 20% quartz-carbonate veining. Mi	nor 60522	188.1	192.7	4.6	1	1	1	T	1	1
		pyrite.		1		1-11-		1	1	1	1	1
					1				1		1	1
		190.3-192.6: 20% irregular quartz-carbonate ve	in- 60523	190.3	192.6	2.3	1			1		T

DIAMOND DRILL RECORD

HALE NO: 177-7

SAMPLE FOOTAGE Αu Ag DESCRIPTION from Length ing. 5% finely disseminated pyrite. 199.2-200.4: 30% quartz-carbonate veining. 60524 199.2 200.4 1.2 247.8 284.0 CARBONATIZED INTERMEDIATE-FELSIC TUFF: Grey to buff, soft, moderately well-developed foliation at 40°. Fine-grained, predominantly feldspathic material with minute quartz clasts. Minor pyrite. Occasional short chloritic tuffaceous section. Minor quartz-carbonate veining. CARBONATIZED MARIC TUFF: Similar to 22-247. 284.0 434.4 Foliation at 55°. 340.0-340.8: Massive quartz-carbonate with 15% 60525. 340.0 340.81 0.8 tourmaline stringers (?) 374.9-377.0: 15% irregular quartz-carbonate veining 60526 374.9 377.0 2.1 434.4 436.2 SILICEOUS DYKE: Grey, siliceous, fine-grained. Series of parallel hairline fractures filled with chlorite (?) at 45°. 5% soft black, anhedral nonlustrous mineral. 436.2 567.5 CARBONATIZED MAFIC TUFF: Similar to 22-247. Numerous carbonate-quartz blebs. 571.9 SILICEOUS DYKE: Grey, massive, fine-grained, 567.5 moderately siliceous. 585.0 CARBONATIZED MAFIC TUFF: Similar to 22-247. Foliation at 65°. 571.9 585.0 END OF HOLE

DOME EXPLORATION (CANADA) LIMITED 177-7 DIAMOND DRILL RECORD PAGE NE: 3 of · 3 SAMPLE FOOTAGE DESCRIPTION from Length from Casing pulled Drilling by Morissette Diamond Drilling Limited
Haileybury, Ontario Core checked for fluorescence and radioactivity; nothing of interest. Core stored at the Dome Mine, South Porcupine, Ontario.

OCATION:	26±80N	, 22+60E. From collar											
			AOMAIG	ID DRILL RE	CODA					HOLE			
930'S &		to Post 2, Claim P.583220	DIAMOR	ID DRILL RE	COND							7-8	
AEIMOIII.	13	87° (T)						PROPER				lem and	
DIP:			. Friedrik								ships,	Ontario	
DIP:		45°	LENGTH: 762' EL	EVATION:	·			CLAIM	Nº: P.5	83220			
STARTED:			CODE DITE										
SIARTED	Jı	11y 27, 1983	CORE SIZE: AQ SY	STEM OF MEA	BURE: ]	MPERIAL		SECTION	l:				
COMPLETED	): A.	Igust 2, 1983	DIP TESTS (CORRECTED): at										
- LETED	Al	igust 2, 1983	DIF (ESIS (OURREUTED). At	257' 53°0 550' 42°3	0'			LOGGED	BY:	. Cole			
PURPOSE:		OCC CROWION											
TONI OSE		ROSS SECTION	at at	762'				DATE L	OGGED:	August	1 - 3,	1983	
FOOT	ACP			<del></del>		MPLE		<del></del>	T	<del>,</del>	· · · · · ·	<del></del>	
from	to	DESC	RIPTION	No.	from	l to	Length	Au	Ag	Cu %	Zn %		
0.0	120.0	CASING AND OVERBURDEN				-	Lengin	<del> </del>	<del> </del>		<del>  ~</del>	<del> </del>	
3.0		THE SHIP OF BRIDGE			<del> </del>	1	<del> </del>	-	<del> </del> -		<del> </del> -		
120.0	270.5	MAFIC VOLCANICS: Dark g	cen fine-grained month		<del> </del>	<del> </del>	<del> </del>	ļ	<del> </del>	·	<del> </del>	╂	
*****	-14.7	to well-developed foliat	one at 40° to the core	¥6	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del>'</del>	<del> </del>	╂	
		axis. Alternating units				<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	
		chloritic. Slightly frac	ctured. Numerous blebs	- E	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del>-</del> ,	<del> </del>	<del> </del>	
		and veining of quartz-car			<del> </del>	<del> </del>	<del> </del> -	<b> </b>	<del>                                     </del>	<del> </del>	<del> </del>	+	
		Slightly carbonatized loc	eally.	<del></del>	<del> </del> -	<del> </del>	<del> </del>		<del> </del>	·	<del> </del>	<del> </del>	
						<del> </del> -	<b> </b>	<del> </del>	<del> </del>	1	<del> </del>	<del>  </del>	
		127.0-128.2: 10%-15% que	rtz-carbonate blebs and	60527	127.0	128.2	1.2		<del> </del>	1	<del> </del>	<del> </del>	
		veining. 3% disseminated				1 2 2 2 2 2	1		<del> </del>	1	<del> </del>	<del> </del>	
			- FJ. A. L. L			<del> </del>	<del></del>	·	<del> </del>	<del> </del>	<del> </del>	1	
		128.2-135.1: 15%-20% que	rtz-carbonate blebs and	60528	128.2	132.2	4.0		<b>†</b>	{	<del> </del>	1	
		veining. Minor localized		60529	132.2	135.1		<b>!</b>	<del> </del>	{	<del> </del>	1	
				1			***	· · · · · · · · · · · · · · · · · · ·	<b>†</b>	<b></b>	<u> </u>	1	
		138.9-143.9: Similar to	128-135.	60530	138.9	143.9	5.0	<del> </del>	<b> </b>	1	<del> </del>	<del>  </del>	
						1		<u> </u>	1	1	† <u>-</u>	1	
		153.3-154.7: 30% quartz-	carbonate veining.	60531	153.3	154.7	1.4			1	1	1	
											1	† †	
		161.3-162.4: 75% quartz-	carbonate veining.	60532	161.3	162.4	1.1	† <del></del>	<b>†</b>	1	<b>†</b>	1	
							l		1	1	<b> </b>	1	
		211.0-214.0: Grind.								1		1	
									1		1	1	
		214.0-216.0: Quite talco	se.								1		
										1	1	1	
		232.2-235.6: 15% quartz-	carbonate veining.	60533	232.0	235.6	3.6	Ī	1	1		1	
- 1									1	1	1	1 1	

DIAMOND DRILL RECORD

HELE NO 177-8

2 01 . 4

FOO	TAGE			SAI	MPLE		Au	As	Cu	Zn		
from	to	DESCRIPTION	NP	from	to	Length			%	%		<u> </u>
		243.3-258.7: Variolitic Flow: 102-25% small.										I
		white spheroids of quartz-carbonate and feldspathic										I
		material. (up to 10 mm in diameter).										
					1			İ				
		265.3-268.8; 15% quartz-carbonate veining.	60534	265.3	268.8	3.5		<u> </u>		<b></b>		
									<del> </del> -	<b> </b>	<b></b>	<b> </b>
	<b>-</b>	269.3-270.5: 75% quartz-carbonate veining.	60535	269.3	270.5	1.2		<del> </del>	<del> </del> -	<del> </del>	<del> </del>	┼
270.5	274.6	FELSIC DYKE: Purplish grey. Fine-grained, massive										
		moderately siliceous. 15% anhedral amphibolite						<b></b>	<b></b>	<u> </u>	<b>.</b>	<del> </del>
	l	blebs. 3% disseminated sub to euhedral pyrite.			ļ	ļ		<b>1</b>		<b>↓</b>	<b></b>	<del> </del>
	I	Contacts at 80°.			ļ			<b> </b>	<b></b> _	<b> </b>	ļ	1
							<u></u>	ļ	<b></b> _		ļ	╀
274.6	283.8	MAFIC VOLCANIC: Similar to 120-270. Blocky.			<b> </b>			<b> </b>	<del> </del>	<del> </del>	<del> </del>	<del> </del>
		Some grind.			ļ			ļ		<b></b>		┧
								<b> </b>		<b>↓</b>	<b></b>	↓
283.8	528.5	ULTRAMAFIC VOLCANIC: Very dark grey, soft. Fine			<b></b>	<b> </b>	<del></del>	<b></b>	<b></b> _	<del> </del>	<del> </del>	┼—
		to medium-grained. Generally massive to foliated				<b> </b>		<b> </b>	<b></b>	<del> </del>		₩
	ļ	at 50°. Abundant carbonate. Moderately to highly			<b>}</b>	ļ	<b></b>	<b> </b>	<del> </del> -	<del></del>	<b>}</b>	╂
		talcose. Extremely blocky. Some thin, intercalate			ļ		<b> </b>	<b> </b>	<del> </del> -		-	<del> </del>
	<b> </b>	mafic units. Very weakly magnetic.			<del> </del>	ļ	<b></b>	<del> </del>	<del> </del> -	<del> </del>	<del> </del>	<del>                                     </del>
	<del>                                     </del>	294.0-297.0: Grind.								1		工
												1
		299.8-300.8: 25% quartz-carbonate veining.	60536	299.8	300.8	1.0_		<b></b>	<del> </del> -	<b>↓</b>		
			·				<b></b>	<b>↓</b>	<del> </del> _	<b></b>	<b>-</b>	┵
	I	302.7-303.8: 75% quartz-carbonate veining.	60537	302.7	303.8	1.1.		<del> </del>	<b>↓</b>	1		<del>↓</del>
						<b> </b>	<u> </u>	<del>                                     </del>	<del> </del> -	<b>_</b>	-	<del></del>
		321.3-325.0: 30% carbonate and quartz-carbonate	_60538_	321.3	325.0	3.7	ļ	<b></b>	<del> </del> -	<del> </del>	-	╅—
		blebs and veins.			<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>		
	<del> </del>	201 / 202 2 21 / 11	(0500	703 /	382.2	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del> -	<del> </del>	-	+
<del> </del>	<del>                                     </del>	381.4-382.2: 3" wide massive quartz-carbonate vein	60539	381.4	182.2	10.8-				1		1
	<del> </del>	395.0-396.0: Similar to 381-382,	60540	395.0	396.0	1.0						
	1						1			1		1

DIAMOND DRILL RECORD

HOLE NO: 177-8

PAGE NO:

FOOT	AGE	DESCRIPTION			APLE		Au	Ag	Cu	Zn	1	1
from	to	DESCRIPTION	NP	from	to	Length			%	<b>%</b>		<u> </u>
		430.5-433.0: 75% carbonate and quartz-carbonate	60541	430.5	433.0	2.5						
		veining.								1		J
		449.4-450.7: 80% quartz-carbonate veining.	60542	449.4	450.7	1.3		1		1		
		492.4-503.8: Slight purplish-red colouration										
		(hematized?). Slightly siliceous although still										
		talcose, 5% quartz-carbonate veining.										1
											<u> </u>	
		503.8-515.6: 15%-25% quartz-carbonate veining.	60543	503.8	508.3	4.5						
		Chloritic.	60544	508.3	511.0	2.7		<u> </u>	<u> </u>	1		
			60545	511.0	515.6	4.6						
												I
		515,6-528.5: Chloritic, locally talcose, trans-									]	
		itional contact.				,						
528.5	608.6	VARIOLITIC MAFIC FLOW: Green, chloritic, fine-										
YEXIV.		grained, massive to very weakly foliated at 55°.										
		10% small amphibolite blebs. 15% to 30% spheroidal										
		variolites of quartz, carbonate and feldspathic							Ι			I
		material. (up to 20 mm in diameter although gener-							T			$\mathbf{I}_{-}$
		ally 3 mm - 5 mm). Generally 5% quartz-carbonate										
		veining.										
		535.2-536.2: 20% quartz-carbonate veining.	60546	535.2	536.2	1.0						
											1	
		546.0-547.0: 30% quartz-carbonate veining.	60547	546.0	547.0	1.0		1				
		1340.0 347.10. Jun Juni 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										$\mathbf{I}_{-}$
		575.3-578.0: 75% quartz-carbonate veining.	60548	575.3	578.0	2.7						
		579.2-582.2: Similar to 575-578.	60549	579.2	582.2	3.0						
		TAMBAME. BY THE PARTY OF THE PA										
		590.0-590.7: 80% quartz-carbonate veining.	60550	590.0	590.7	0.7						
	<b> </b>	TATEL TO A STATE OF THE PARTY O										
	1			[	1	1			1			

DIAMOND DRILL RECORD

HOLE NO: 177-8

PAGE NO:

FOOT	AGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn		
rom	to	DESCRIPTION	NP	from	fo	Length			%	%		
08.6	762.0	KOMATIITIC FLOW: Dark grey, soft, massive to weak-										
		ly foliated at 50°. Medium to fine-grained. Very									ļ	_
		abundant carbonate. Generally alightly talcose.								ļ. <u></u>		_
		5% quartz-carbonate veining. Weakly magnetic.								<u> </u>	1	<u> </u>
		Numerous intercalations of variolitic flow in upper									<u> </u>	<u> </u>
		portion. Locally blocky. Some grind.								<u> </u>		
										<u> </u>	<u> </u>	
		612.3-613.5: 40% quartz-carbonate veining.	60551	612.3	613.5	1.2					<u> </u>	<u> </u>
1												
		634.9-636.3: 20% quartz-carbonate veining.	60552	634.9	636.3	1.4						
											1	
		682.0-689.9: Numerous intercalations of yellow-									<u> </u>	<u> </u>
		green. Felsic tuff. Foliation at 43°.									1	
		731.5-732.5: 6" wide vein of massive quartz-	60553	731.5	732.5	1.0					1	
		carbonate.										
		,	· · · · · · · · · · · · · · · · · · ·									
		744.7-746.4; 75% quartz-carbonate veining.	60554	744.7	746.4	1.7						
		750.6-753.1: 15% quartz-carbonate veining.	60555	750.6	753.1	2.5						
		755.0-757.0: Grind									1	$\mathbf{I}_{-}$
												1
	762.0	END OF HOLE										
											1	1_
		Casing										
											1	
		Core checked for fluorescence and radioactivity.										$\mathbf{L}$
		Nothing of interest.										
		Core stored at Dome Mine, South Porcupine, Ontario							L			
	· · · · · · · · · · · · · · · · · · ·	AND THE REPORT OF THE PERSON O										
		Drilling by N. Morissette Diamond Drilling Limited			1					4		
		Haileybury, Ontario		1			0	1		1		
	ļ	Mutterpoorty outdate			1	1	1 777	174		<b>T</b>	1	1



Ministryof Natural Resources Report of Work

PROJECT 177 W.R. #320184

Instructions - Supply required data on a separate form for each

w). ınd

_	Tw	ype	of	work	to	be	recor	ded	(see	table	belo
$\overline{W}$	14	đr (	Geo.	techn	ical	WO	rk use	forn	n no.	1362	"Rep
_		of W	SPE	(Gent	nnir	al (	Seanh	veice	II Ga	achen	nicel s

Omiano 4		30-10	The Mining Act	nona Spengt	WP.	
Name ar	stal Address of Recorded Holde	ır.			Prospector's Licence No.	
DOME	EXPLORATION (CANADA)	LIMITED			A.21304	

P.O. Box 270, 1 First Canadian Place, Toronto, Ontario M5X 1H1

Total Work Days Cr. claimed	Mir	ning Claim	Work	Mi	ning Claim	Work	ħ.	Aining Claim	Work
3369	Prefix	Number	Days Cr.	Prefix	Number	Days Cr.	Prefix	Number	Days Cr
for Performance of the following work, (Check one only)			SEE	ATTACH	ED SCHEDULE				
Manual Work						ONTA		OGICAL SURTEY	
Shaft Sinking Drifting or other Lateral Work.						A.S	ំ រ	ENT FILES H OFFICE	
Compressed Air, other Power driven or mechanical equip.		<del></del>						3 1984	
Power Stripping		···						0 100 1	
X Diamond or other Core drilling		· · · · · · · · · · · · · · · · · · ·				R		IVED	
Land Survey								and the second s	

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

HOLE NO.	LENGTH	DATES
177-4	380'	September 2-3, 1983
177-9	437'	August 7-11, 1983
177-10	284'	August 12-13, 1983
177-11	304'	August 15-16, 1983
177-12	254'	August 17-18, 1983
177-13	214'	August 18-19, 1983
177-14	374'	August 19-23, 1983
177-15	203'	August 23-24, 1983
177-16	304'	August 24-26, 1983
177-17	615'	August 26-31, 1983

RECORDED AUG - 9 1984 Receipt No. PORCUPINE MINING DIVISION 718191101111121112181

All core is AQ

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Drilling by N. Morissette Diamond Drilling Haileybury, Ondtario

> Date of Report Recorded Holder or Agent (Signature) August 3, 1984

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

L. B. Halladay, P.O. Box 270, 1 First Canadian Place, Toronto, Ontario M5X 1H1

> **Date Certified** August 3, 1984

Certified by (Signature

Table of Information / Attachments Required by the Mining Recorder

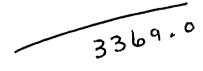
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work			
Shaft Sinking, Drifting or other Lateral Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show
Compressed air, other power driven or mechanical equip.	Type of equipment	With astas and noos of amployment.	the location and extent of work in relation to the
Power Stripping	Type of equipment and amount expended, Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	nearest claim post.
Diamond or other core drilling	Signed core log showing: footage, diameter of core, number and angles of holes.	done.	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer.	NII	Nil

# PROJECT 177

の一方の一方の一方の一方の一方の方面を表現を表出りたのは、最高をなった。 まっとう 東京東京 医のよう 最終機能の対象をは、最高を表現する機能を表現する。 まっとう 東京 大きない かっしょう かんしょう しゅうしゅう かんしょう しゅうしゅう かんしょう かんしょう かんしょう しゅうしゅう

# SCHEDULE OF CLAIMS

Claim No.	Work Days Credit	Claim No.	Work Days Credit
P.530310	60	P.583617	40
P.530311	60	P.583618	100
	•	P.583619	100
P.583207	100		
P.583208	100	P.583624	100
P.583209	100	P.583625	100
P.583210	100		
P.583211	70	P.583641	100
P.583212	60	P.583642	100
	•		
P.583215	60	P.583797	60
P.583216	60	P.583798	60
P.583217	60	P.583799	60
P.583218	60		
P.583219	60	P.583801	60
P.583220	60	P.583802	60
P.583221	60	P.583803	60
P.583222	60		
P.583223	60	P.583806	60
P.583224	60	P.583807	60
P.583225	60	P.583808	60
		P.583809	60
P.583611	60		
P.583612	60	P.583811	59
P.583613	60		
P.583614	60	P.583813	60
P.583615	60		
		P.749781	200
		P.749782	200



125'N &	360'E t	O FOST 1, CIRIN F. 1002224	MOND DRILL RE	CORD					HOLE	17	7-9	
AZIMUTH:	GR	ID NORTH (320°T)					PROPERT	<del></del>	ECT 177;			
									as Towns			
DIP:	-5	O° LENGTH: 437†	ELEVATION:				CLAIM N	Q: P.58	3224 -	10	B'	
									3225 -	. 32	91	
STARTED:	Augu	st 7, 1983 CORE SIZE: AQ	SYSTEM OF MEA	SURE: IM	PERIAL		SECTION					
OMPLETED	: Augu	st 11, 1983 DIP TESTS (CORRECTED):					LOGGED	BY: B	. Cole			_
			at 250' 47°00									
PURPOSE	CROSS		at 300' 41°30				DATE LO	GGED:	August	11, 12,	1983	
			at 437' 23°00			<del></del>	÷					
FOOT		DESCRIPTION			MPLE	<del></del>	Au	Ag	Cu	Zn	1	
from	to		No.	from	to	Length	dwt/ton		%	%		
0.0	26.0	CASING IN OVERBURIEN		<b>↓</b>		ļ	ļ		ļ			
- 26 0	017.0	CARROWANTERD WARTS TURNING THE PARTY OF SAME		ļ	<del> </del>	<del> </del> -	<del> </del>		ļ	·		
26.0	247.0	<u> </u>	le	<del> </del>	<del> </del>	<del> </del>	ļ		ļ			
		green, slightly chloritic. Highly carbonatize		·	<del> </del>	<b> </b> -	<del> </del>		<del></del> -			
		Primarily mafic tuff with 10%-20% small, lenti		<del> </del>	<del> </del>	<del> </del>	<del> </del>					
		amphibole clasts (up to 3mm in diameter) with		<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del> -			
		white, sub-spherical to oblong, highly siliced clasts (up to 5 mm in diameter) in fine-graine		<del></del>	··	<del> </del> -	<del> </del>	<b></b>				-
		matrix. Poorly to moderately well developed	<u> </u>	<del> </del>	ļ	<del> </del>						_
		foliation at 20°-30° to the core axis. Minor		<b></b>	<b></b>	ļ	<u> </u>					_
	···-	randomly orientated quartz-carbonate veining. Some blebs as well locally. Locally vuggy.										
		52.5-54.5: Grind.										_
	****	73.9-76.0: 40% blebby quartz-carbonate.	60570	73.9	76.0	2.1	0.10					_
		223.0-247.0: Very highly carbonatized. Grada		237.8	242.6	4.8	0.10					_
		al contact in massive iron carbonate. 15% qua		242.6	247.0	4.4	N11	ļ	ļ			
		carbonate between 237.8-247.0. Minor pyrite 1	ocal-	<b> </b>	<b> </b>	<b> </b>	ļ					
		ly.		<del> </del>	<del> </del>	<del> </del> -	<b></b>	<b> </b>	<del> </del>			_
247.0	283.4	IRON CARBONATE: Buff to greenish buff. Massi	ve.		<u> </u>							_
		Generally brecciated. Fragments range from 5					1					_
		to over 100 mm in size. Abundant veining and blebs of quartz-carbonate. Randomly orientate	ed.									
		Minor pyrite locally.										

DIAMOND DRILL RECORD

HOLE No: 177-9

PAGE N2:

FOOTAGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu .	Zn		
from	to DESCRIPTION	N9	from	10		dwt/ton		%	%		
	247.0-250.2: 30% clear-white irregula	ar quartz 60573	247.0	250.2	3.2	Nil					
	veining.		<u> </u>		ļ		<u>-</u>				
				ļ	ļ			<b></b>	<u> </u>		<b></b>
<u> </u>	250.2-251.8: Very highly oxidized. I	Red-brown. 60574	250.2	251.8	1.6	Tr		<u> </u>	<u> </u>		
	25% very small quartz blebs.			<b></b>	ļ			<b></b>	ļ <u>.</u>		
					ļ	ļ		1	ļ	ļ	
	251.8-269.2: 15%-30% irregular quarta		251.8	256.6	4.8	Tr		ļ	<b> </b>	ļ	
	veining. Minor pyrite locally.	60576	256.6	261.0	4.4	Tr		ļ	ļ	ļ	
		60577	261.0			Tr		<b></b>	<b> </b>		
		60578	265.8	269.2	3.4	Tr			ļ		
				<b></b>	<del> </del>	<del> </del>	··	<del> </del>	ļ	<b> </b>	
	269.2-270.8: 6" wide, white, massive carbonate vein.	quartz- 60579	269.2	270.8	0.6	Tr		<del> </del>	<b> </b>	ļ	ļ
	carbonate vein.		<del></del>	ļ	<del> </del>	<del>                                     </del>		<del> </del>	<del> </del>		
		(0.00)			<del> </del>	<del>  </del>		<del> </del>	<del> </del>	<del> </del>	
	270.8-283.4: Similar to 251-269.	60580 60581	270.8 275.0	275.0 269.5	4.2	0.10		<del> </del>	<del> </del>	<del> </del>	<b></b>
					<del></del>	Nil Nil		┼	<del> </del>	<del> </del>	
		60582	269.5	273.9	4.4	1		+	<del> </del>	<del> </del>	·
		60583 60584	273.9 278.5	278.5 283.4	4.6	Nil		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>
		00384	270.5	203.4	4.5	N11		<del> </del>	╁───	┪	
202 / 2	88.5 MAFIC VOLCANIC BRECCIA: Green, 25% ch	loritic, 60585	283.4	285.6	2.2	<del>                                     </del>		<del> </del>	<del> </del>	<del> </del>	
283.4 2	88.5 MAFIC VOLCANIC BRECCIA: Green, 25% ch Small, breccia fragments of silicified		285.6	288.5	2.9	N11 N11		1	<del> </del>	1	<del> </del>
	grained mafic volcanic. 75% blebby.		203.0	20013	<del> </del>	1 - N11		<del> </del>		<del> </del>	<b> </b>
	quartz-carbonate filling fractures.			<del> </del>	1	1	·	1	†	1	<u> </u>
	throughout.	, pj. zec		<u> </u>	1				1		
				<u> </u>	1			1		1	
288.5 3	71.1 IRON CARBONATE: Similar to 247-283.	Brecciation			1			1	1	1	
	not as obvious.				1			<del> </del>		1	
					1			1	1	1	
	288.5-315.4: 15%-50% irregular and bl	ebby quartz- 60587	288.5	293.4	4.9	0.10					
<del></del>	carbonate veining. Minor pyrite local		293.4	297.9	4.5	N11					
		60589	297.9	302.5	4.6	0.20					
		60590	302.5	307.0	4.5	0.20					
		60591	307.0	311.2	4.2	Tr					
<del></del>		60592	311.2	315.4	4.2	Tr					

DIAMOND DRILL RECORD

HOLE No: 177-9

		DIAMOND	UNILL RE	CORD						17.	/-9	
									PAGE	<b>N2:</b> 3	of • 4	
FOOTA		DESCRIPTION			MPLE		Au	Ag	Cu	Zn		
from	to		NP	from	10	Length	dwt/tor		<b>%</b>	%		
·		315.4-318.3: Similar to 288-315. Slight red-	60593	315.4	318.3	2.9	Tr					
		brown oxidation.			ļ							
		318.3-344.0: 10%-15% irregular and blebby quartz-	60594	318.3	323.3	5.0	N11				<del> </del>	<del> </del>
		carbonate.	60595	323.3	327.0	3.7	Nil			<del> </del>	<del> </del>	├
			60596	327.0	332.0	5.0	0.40			<del> </del>	<del> </del>	
			60597	332.0	337.0	5.0	0.40			<del> </del>	<del> </del>	-
		***************************************	60598	337.0	340.9	3.9	0.10			<del> </del>	<del> </del>	<del> </del>
			60599	340.9	344.0	3.1	0.10				<u> </u>	
					ļ							
		344.0-358.6: Extremely highly carbonatized mafic	60600	344.0	348.3	4.3	Tr				ļ	_
		tuff (?). Slightly chloritic 5-10% quartz-carbon-	60319	348.3	352.1	3.8	0.20				ļ	
		ate veining. Minor finely disseminated pyrite.	60320	352.1	355.9	3.8	Tr				ļ	
	····	Slightly brecciated locally.	60321	355.9	358.6	2.7	Tr		· · · · · · · · · · · · · · · · · · ·		<del> </del>	_
		358.6-361.6: Breccia Zone; clasts of iron carbon-	60322	358.6	361.6	3.0	0.40				<del> </del>	╁
		ate and chloritic mafic material. 50% fracture-										
		filling quartz-carbonate. Minor pyrite.										
		361.6-363.1: Similar to 318-344.	60323	361.6	363.1	1.5	0 (0					<del> </del>
		301.0 303.1. Similar to 310-344.	00323	301.0	363.1	1.3	0.40				<del> </del>	╁─
		363.1-364.2: 6" wide, massive, white quartz-	60324	363.1	364.2	1.1	Tr					
	<del></del>	carbonate vein.										
	<del></del>	364.2-368.1: 5%-10% quartz-carbonate veining.	60325	364.2	368.1	3.9	0.60				<del> </del>	<del>  -</del>
		Minor tourmaline (?).		309.2	380.1	7.3	0.00				1	
		368.1-369.0: 60% massive quartz-carbonate veining.	60326	368.1	369.0	0.9	0.40			<del> </del>	<del>-}</del>	<del> </del>
		369.0-371.1: Similar to 364-369.	60327	369.0	371.1	2.1	Tr				1	
371.1	437.0	CARBONATIZED MAFIC TUFF: Green to pale green. Slightly to moderately chlorite. 50% small, general-										
		ly lenticular amphibole clasts in buff fine-grained			<u> </u>					<del> </del>		<del>                                     </del>
		matrix. Foliation at 40°. Minor quartz-carbonate				1				1	1	1

DIAMOND DRILL RECORD

HOLE NO 177-9

									PAGE	<b>№</b> : 4	of • 4	
FOOTAGE from	to	DESCRIPTION	N9	SAI	MPLE to	Length	Au	Ag	Cu	Zn		
		veining and blebs of coarse-grained carbonate.	NY	Trom	10	Length	dwt/ton		%	%		<u> </u>
	437.0	END OF HOLE										<b></b>
		Casing pulled.										
		Drilling by N. Morissette Diamond Drilling Limited Haileybury, Ontario			<u> </u>						<del> </del>	
		Core checked for fluorescence and radioactivity, nothing of interest.									<u> </u>	
		Core stored at the Dome Mine, South Porcupine, Ont.										
		R	ian C	10								
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			·		-							
		; 7+60E. From collar							HOLE		. 10	
890'N	& 450'E	[U 108[ 1, Claim 1.303223	AMOND DRILL	RECORD	)						-10	
ZIMUTH:	GRID N	ORTH (320°T)					PROPERT			<u> </u>	lem and	
					<del> </del>					ships,	Ontario	
IP:	-45°	LENGTH: 284	ELEVATION:				CLAIM N	Q: P.5	83225			
TADTED.		t 12, 1983 CORE SIZE: AQ	SYSTEM OF N	FACILDE:	TAMBRITAT		SECTION:					
TARTED:	Augus	t 12, 1983 CORE SIZE: AQ	STSTEM OF W	EASURE.	IMPERIAL		32011011			<del></del>		
OMPLETED	): Augu	st 13, 1983 DIP TESTS (CORRECTED):	at 150' 46°C	0'			LOGGED	BY: B.	Cole			
			at 284' 37°C									
URPOSE:	Cros	s Section					DATE LO	GGED	August :	13-14, 1	983	
							<del>,</del>	<del></del>	<b>,</b>	<del></del>		····
FOOTA from	GE to	DESCRIPTION	No.	fro	SAMPLE m to	Linnih	Au	Ag	Cu %	Zn %		
		CASING AND OVERBURDEN:	No.	110	10	Lengin	dwt/ton		<del>  ~</del>	-~-	<del> </del>	
0.0	22.0	CASING AND OVERDURDEN:			<del></del>		1		<del> </del>	<del> </del>	<del> </del>	<del> </del>
22.0	157.2	CARBONATIZED MAFIC-INTERMEDIATE TUFF: Pale	green,	_					1		1	<b> </b>
		slightly chloritic, carbonatized, primarily	tuff									
		with 40% small, lenticular amphibole and whi	te sub-									
		spherical to oblong siliceous clasts (up to							I			
		in diameter) in fine grained matrix. Poorly					<b></b>		1	<b></b>	ļ	
		moderately well developed foliation at 30° to					ļ	ļ	ļ	<b></b>	<b></b>	ļ
		core axis. Minor randomly orientated quartz					<del> </del> -	<b> </b>	ļ	<del> </del>	<del></del> -	
		bonate veining and blebs. Minor pyrite local	11y.				<del> </del>	<b>-</b>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>
		34.6-35.4: 25% quartz-carbonate veining.	6032	8 34	.6 35.4	0.8	0.10		<del> </del>		1	<del> </del>
		J4.0-33.4. 25% quartz carbonate vorming.					1			1		<del> </del>
		51.4-52.5: 20% quartz-carbonate veining. 5%	6032	9 51	.4 52.5	1.1	Tr		1	İ		1
		clustered, anhedral pyrite.										
		81.8-82.6: 5% localized coarse pyrite in th	in, 6033	0 81	.8 82.6	0.8	Tr	ļ	<b></b>			ļ
		short, elongated quartz bleb.					<del> </del>			ļ	<del></del>	<del> </del>
							+		<del> </del>	+	+	<del> </del>
		96.7-97.5: 3/4" wide blue quartz veins with	15% 6033	1 96	.7 97.5	0.8	0.20	<b></b>	+	<del> </del>	+	<del> </del>
		small pyrite blebs. Vein at 90°.	<del>-</del>				<del> </del>	<del>                                     </del>	<del> </del>	1	1	†
		108.5-109.3: 5% small, clustered, anhedral	pyrite, 6033	2 108	.5 109.3	0.8	Tr		1	<u> </u>	1	<del>                                     </del>
		100.5-105.5. 5% Small, Cinorered, alliental	FJ. 44. VV2.	100		7.0	†- <b>:-</b> -	<b> </b>	1	1		1
		154.0-155.6: 15% highly contorted blue quar	tz- 6033	3 154	.0 155.6	1.6	0.10	Ī	1	1		
		154.0-155.6: 15% highly contorted blue quar stringers. 50% of quartz replaced by 30% py	rrho-									
		tite and 20% pyrite.						1		1		

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL RECORD

HOLE NO

PAGE NO:

177-10

										2	of • 4	
•	TAGE	DESCRIPTION			MPLE		AU	Ag	Cu	Zn		
from	10		NP	from	to	Length	dwt/ton		%	<b>%</b>		L
		155.6-157.2: Very highly carbonatized. 15% thin	60334	155.6	157.2	1.6	Ni1					
		quartz-carbonate veining.		ļ. <u></u>								
						<u> </u>						
157.2	247.6											
	<u> </u>	Slightly brecciated. Bright green carbonate (?)										П
	L	alteration locally. Minor pyrite. 10%-30% quartz-										
		carbonate veining.										
	<u> </u>	157.2-189.6: 15%-30% randomly orientated quartz-	60335	157.2	162.2	5.0	Tr			I		
		carbonate veining. Minor tourmaline (?) with	60336	162.2	167.0	5.0	Nil					
	<u> </u>	veining locally. Minor pyrite.	60337	167.0	171.6	4.6	N11					
			60338	171.6	176.3	4.7	N11					$\Box$
			60339	176.3	181.1	4.8	Tr					$\Box$
			60340	181.1	186.0	4.9	N11					
			60341	186.0	189.6	3.6	N11					
	Ĺ											
		189.6-190.9: Similar to 157-189. 10% disseminated	60342	189.6	190.9	1.3	0.10					
		pyrite.										
	<u> </u>	190.9-196.4: Similar to 157-189. 3% pyrite.	60343	190.9	194.0	3.1	Tr		<u> </u>			
	<u> </u>		60344	194.0	196.4	2.4	0.20			L	1	L
		196.4-197.3: 8" highly oxidized band. 5% pyrite.	60345	196.4	197.3	0.9	0.20					
		197.3-209.4: Breccia Zone; large, angular frag-	60346	197.3	201.6	4.3	Tr					_
		ments (up to 8 cm in diameter) of primarily very	60347	201.6	205.2	3.6	Tr		L		ļ	<u> </u>
		highly carbonatized mafic volcanic. Lesser clasts	60348	205,2	209.4	4.2	Tr					
		of iron carbonate occur as well. 30% interstitial										
		material, predominantly irregular and blebby										
		quartz-carbonate. 1% finely disseminated pyrite.										
	7			T	1	I			1	7	1	1

60349

60350 212.3

209.4

212.3

2.9

NIL

209.4-212.3: Similar to 157-189. 5% quartzcarbonate veining.

212.3-213.2: Massive, white, barren quartz vein.

DIAMOND DRILL RECORD

HOLE NO: 177-10

PAGE N2:

FOOT	AGE	DESCRIPTION	l	SA	MPLE		Αu	Ag	Cu	Zn		
from	to	DESCRIPTION	NP	from	to	Length	dwt/ton	~*	%	%		
		213.2-218.8: Similar to 157-189.	60601	213.2	215.9	2.7	N11					
			60602	215.9	218.8	2.9	Ni1		1	1	1	
		218.8-219.9: Massive, white, barren quartz yeins.	60603	218.8	219.9	1.1	0.20		1	1		
												1
		219.9-234.6: 10%-25% irregular quartz-carbonate	60604	219.9	224.6	4.7	Tr					
		veining.	60605	224.6	229.6	5.0	Nil			<u> </u>		
			60606	229.6	234.6	5.0	N11					
	ļ								<u></u>	<u> </u>		
		234.6-237.3: Slight to moderate red-brown oxidation	60607	234.6	237.3	2.7	N11		<b> </b>	ļ	<u> </u>	
					<u> </u>		ļ		<b> </b>	<u> </u>	<u> </u>	
	<b></b>	237.3-247.6: 25%-50% irregular quartz-carbonate	60608	237.3	241.7	3.4	0.10			ļ	<b> </b>	<u> </u>
	ļ	veining.	60609	241.7	244.8	3.1	0.20		ļ		<b> </b>	<u> </u>
			60610	244.8	247.6	2.8	Tr		ļ		<b> </b>	ļ
				<del> </del>	ļ	ļ				<del> </del>	<del> </del>	
247.6	253.4	MAFIC VOLCANIC BRECCIA: Dark green, chloritic,	60611	247.6	250.0_	2.4	Tr		<del> </del>	ļ	<del> </del>	<b> </b>
		angular mafic volcanic fragments partially replaced by 30%-60% irregular quartz-carbonate. Some iron	60612	250.0	253.4	3.4	Tr		ļ	<u> </u>	<del> </del>	├
				<del></del>	<del> </del>				<del> </del>	<del> </del>	<del> </del>	-
		carbonate fragments.		ļ	<del> </del>	<del> </del>			<del>                                     </del>	ļ	<del> </del>	-
253.4	275 0	IRON CARBONATE: Similar to 157-247, 15%-30% ir-	60613	253.4	257.0	3.6			<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>
233.4	2,3,3	regular quartz-carbonate veining. Short sections	60614	257.0	261.4	3.4	Tr Tr		<del> </del>	<del> </del>	<b>†</b>	1
		of highly carbonatized mafic volcanics. Slightly	60615	261.4	265.9	4.5	Tr		<del>                                     </del>		1	t —
		chloritic locally.	60616	265.9	270.9	5.0	_N:1		1	1		
			60617	270.9	275.9	5.0	N11		İ	1		
	l				1	1				1	Ī	
275.9	284.0	CARBONATIZED MAFIC TUFF: Green, 70% green amphi-										
		bole, and yellowish-white feldspar clasts in fine-										
		grained matrix. Well developed foliation at 35°.										
		Some carbonate veining.										
	ļ					ļ				ļ	<b> </b>	<b> </b>
	284.0	END OF HOLE		ļ	<b> </b>	ļ	ļ		ļ	<del> </del>	<del> </del>	↓_
	<del> </del>	ļ				<b> </b>	<b> </b>			<del> </del>	1	
	<del> </del>	Casing pulled.			<del> </del>		<del> </del>		<del> </del>	1	<del> </del>	┼—
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DIAMOND DRILL RECORD

HOLE NO: 197-10

									PAGE	<b>N2</b> :	of • 4	
FOOTA	GE to	DESCRIPTION	NP		MPLE		Au	Ag	Cu	Zn		
170/11			NY	from	to	Length	dwt/ton		%	%		
		Drilling by N. Morissette Diamond Drilling Limited,	· <del></del>	<del> </del>		<b>_</b>						
		Haileybury, Ontario										
						<u> </u>						
		Core checked for fluorescence and radioactivity.										
		nothing of interest.		<u> </u>								
		Company of the Day Was Could Day of the				ļ						
		Core stored at the Dome Mine, South Porcupine, Ont.		<del> </del>		1					<del> </del>	<del> </del>
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			in Ca	0.	<b></b>	<b></b>						
		Qua	n Ca	M.		<u> </u>					<b></b>	<b>.</b>
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				<b>†</b>		<del> </del>					<del> </del>	<del> </del>
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					<b>.</b>						<u> </u>	1

OCATION:		, 5+60E. From collar to Post 1, claim P.583224	DIAMOND	DRILL RE	CORD					HOLE		-11	
ZIMUTH:		D NORTH (320°T)		J				PROPERT	Y: DDO	JECT 177			
	GKI	U NORTH (320 1)								mas Town		Tem and	
(P:	-45	LE	NGTH: 304 ELEY	ATION:				CLAIM N		83224 -		<del></del>	
				***						83225 -			
TARTED:	Aug	ust 15, 1983 CO	RE SIZE: AQ SYS	TEM OF MEA	SURE:	IMPERIAL		SECTION:		× × × × × × × × × × × × × × × × × × ×			
OMPLETED	): Aug	ust 16, 1983 DI	P TESTS (CORRECTED): at 1	50'; 46°0	0'	, <u></u>		LOGGED	BY:	B. Cole			
			at 30	)4'; 43°3	0'								
URPOSE	CRO	SS SECTION						DATE LO	GGED:	August	17, 19	83	
				·	6.4	MPLE	<del></del>	1	T .		r <del>L</del>	<del></del> .	
FOOT from	AGE to	DESCRIP	TION	No.	from	to	Length	Au dwt/ton	Ag	Cu %	Zn %		
0.0	8.0	CASING AND OVERBURDEN		1									
			1	<u> </u>									
8.0	176.4	CARBONATIZED MAFIC-INTERMED			<u> </u>	<u> </u>	<b></b>						
		highly carbonatized, 20% sm lar amphibole clasts and 10											
		long quartzofeldspathic cla matrix. Moderately well de	sts in fine-grained veloped foliation at 30°										
		to the core axis. Numerous of quartz-carbonate, carbon											
		clasts of iron carbonate. chloritic, well foliated, v	Some thinly intercalated										
		ments, several short, highl portions.	y oxidized red-brown										
		35.3-36.3: Thin blue quart coarse subhedral pyrite.	z vein replaced by 60%	60618	35.3	36.3	1.0	0,10					
		93.2-94.0: Quartz-carbonat	e vein (?). Medium-	60619	93.2	94.0	0.8	Tr					
		grained. Equagranular. 50	% quartz, 50%										
		effervescent carbonate.		<del> </del>	ļ	<b>_</b>		<u> </u>				<del>  </del>	
		127.4-128.4: Iron Carbonat moderate brecciation. 15%		60620	127.4	128.4	1.0	Tr					
-		140.5-141.5: 25% quartz-ca	rbonate veining at 15°,	60621	140.5	141.5	1.0	0.20					
		153.5-155.1: 25% irregular	quartz-carbonate.	60622	153.5	155.1	1.6	0.60	<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	
		153.5-155.1: 25% irregular	quartz-carbonate.	60622	153.5	155.1	1.6	0.60					工

DIAMOND DRILL RECORD

HOLE NO: 177-11 PAGE N9:

F001	AGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton		4.	%		
176.4	212.6	IRON CARBONATE: Buff to greenish buff, massive,										
		slightly brecciated. Numerous fractures aligned										
		enechelon at 40°. Fractured, often accompanied by										
		bright green alteration. Minor pyrite. Occasional			<u></u>							
		short section of tuff (up to 2' wide). Some										
		randomly orientated quartz-carbonate veining.										
		176.4-194.0: 5%-10% quartz-carbonate veins.	60623	176.4	180.6	4.2	Tr					
			60624	180.6	184.6	4.0	Tr					
			60625	184.6	189.3	4.7	0.10					
			60626	189.3	194.0	4.7	0.20					
		194.0-194.9: 80% massive, white, barren quartz-	60627	194.0	194.9	0.9	Tr					
		carbonate vein.										
		194.9-197.3: Similar to 176-194.	60628	194.9	197.3	2.4	0.10					
		197.3-199.2: Similar to 176-194. 5% disseminated	60629	197.3	199.2	1.9	0.10			I		
		pyrite.								<u> </u>		
		199.2-199.7: MAFIC BRECCIA; 15% disseminated and	60630	199.2	199.7	0.5	Tr					
		stringer pyrite. 10% thin quartz-carbonate veining										
		199.7-205.1: Similar to 176-194. 5% disseminated	60631	199.7	203.5	3.8	0.10					
		pyrite. 10% locally.	60632	203.5	205.1	1.6	0.20		1	<u> </u>	<u> </u>	
				<u> </u>		<u> </u>			<u> </u>		<u> </u>	
		205.1-206.2: 6" wide vein of massive, white	60633	205,1	206.2	1.1	Tr					
		quartz-carbonate. 10% disseminated pyrite through-										
		out.										
										1	1	
		206.2-212.6: Extremely highly carbonatized	60634	206.2	209.0	2.8	Tr					
		volcanic. 1% disseminated pyrite.	60635	209.0	212.6	3.6	Tr					
212.6	304.0	CARBONATIZED MAFIC TUFF: Pale green to green.										
		Slightly chloritic. 30% small, thin, lenticular										

DOME EXPLORATION (CANADA) LIMITED
DIAMOND DRILL RECORD

HOLE NO: 177-11
PAGE NO: 3 of - 3

FOOT	AGE	DESCRIPTION		SAN	APLE		Au	Ag	Cu	Zn		
from	to		NÝ	from	to	Length	dwt/ton		%	%		
		amphibole and 30% subhedral feldspathic clasts										
	<u> </u>	(up to 8 mm in diameter) in fine-grained highly	· · · · · · · · · · · · · · · · · · ·									
	ļ <u>.</u> .	carbonatized matrix. Lapilli tuff sized clasts				ļ						
	ļ	locally. Moderately well developed foliation at				ļ			<b> </b>			
	<u> </u>	35°. Minor quartz-carbonate veining and blebs.				ļ			<b></b>			
						ļ			ļ			
	304.0	END OF HOLE				ļ			ļ			
	<b></b>						ļ		<u> </u>	<b> </b>		
	<del> </del>	Casing pulled				<del> </del>			ļ			<del> </del>
	<del> </del>						ļ		<del> </del>			<del></del>
	<del> </del>	Drilling by N. Morissette Diamond Drilling Limited Haileybury, Ontario				<del> </del>		<del></del>	<del> </del>			<del></del>
	<u> </u>	nalleybury, oncarlo				<del> </del>			<del> </del>	ļ		
	<del> </del>	0				-	<del> </del>		<del> </del>			
	<del> </del>	Core checked for fluorescence and radioactivity. nothing of interest.			<del></del>	<del> </del>	<del></del>		<del> </del>			
	<u> </u>	nothing of Interest.				1			<del> </del>			
<del> </del>	<del> </del>	Core stored at the Dome Mine, South Porcupine, Ont.				<del> </del>	<b> </b>		<del> </del>		· · · · · · · · · · · · · · · · · · ·	
		core stored at the powe Mine, South Forcupine, Ont.	·			<del> </del>						
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LOCATION:	261751	2160E B	•							———			
		N, 3+60E. From collar	DIAMOND	DD11 DC	0000					HOLE	NΩ		
		to Post 1, Claim P.583224	DIAMOND	DRILL RE	CORD						177-		
ZIMUTH:	GRID NO	ORTH (320°T)						PROPERT	r PRC	JECT 17	, Mackl	em and	
									The	mas Town	nships,	Ontario	
IP:	-45	5°	LENGTH: 254' ELEV	ATION:				CLAIM N	9: P.5	83224	- 177	1	
									P.5	83613	- 77	t	_
TARTED:	August	17, 1983	CORE SIZE: AO SYST	EM OF MEAS	SURE: 1	MPERIAL		SECTION:					
OMPLETED	): August	18, 1983	DIP TESTS (CORRECTED): at 2	541 45	°00'			LOGGED	BY:	B. Cole			
										D. COTE			_
URPOSE	CROSS S	SECTION						DATE LO	GGED:	August :	8 1983		
					· · · · · · · · · · · · · · · · · · ·					August .	10, 1903		-
FOOT	AGE	<u> </u>			SA	MPLE		Au	Aq	Cu	Zn		-
from	to	DESC	RIPTION	No.	from	to	Length	dwt/ton	•	\ %	% %		
0.0	8.0	CASING AND OVERBURDEN				<del></del>		dwc/ con			, , , , , , , , , , , , , , , , , , ,		
					<del> </del>					<del> </del>			
8.0	150 4	CADRONATIZED MASTO TUMBE	MEDIATE TUFF: Pale green,		<b> </b>	<del> </del>	<del> </del>	<del> </del>					
-0.0	130.4	elightly chloritic local	ly. 40% small, blebby to		<del> </del>	<del> </del>	-	<del>  </del>		<del> </del>			
		lenticular amphibole and	10% yery email sub-		<del> </del>	<del> </del>	<del> </del>	<del> </del>					
		<del></del>				<del> </del>	ļ			<b></b>			
		rounded, siliceous and/o	r feldspathic clasts in		ļ	ļ	<b></b>						
	<del></del>		asts up to 8 mm in diameter			ļ	ļ. <b></b>	ļ					
			d foliation at 30° to the		ļ	ļ	<b>}</b>	ļ					
	<del></del>		z-carobnate and carbonate		ļ <u></u>	ļ	<b> </b>	<b></b>					
	·	veining.			ļ	ļ		<del> </del>		ļ			
					<b> </b>		ļ	ļļ					
		35.4-37.8: 20% irregula		60636	35.4	37.8	2,4	Tr					
		quartz-carbonate veining	•										
	·····				ļ	<b> </b>		ļ					
			r quartz-carbonate veins.	60637	52.5	55.8	3.3	Tr					
		Minor tourmaline (?)											
				· <del></del>		ļ							
		128.5-129.8: Very highl	y carbonatized, 10% dis-	60638	128.5	129.8	1.3	0.10					
		seminated pyrite.											
			y carbonatized. 25% ir-	60639	129.8	131.6	1.8	0.10					
		regular quartz-carbonate	. 15% fine to coarse	·		L							
		euhedral disseminated py	rite.		1								
							1	1					
		131.6-150.4: Very highly	y carbonatized. 15% quartz	60640	131.6	136.2	4.6	Tr					
		carbonate veining. Minor	r nurite	60641	136.2	141.3	5.1	Tr					
		icar ponace verning.	byrree.	00044	1 +30+2								

DIAMOND DRILL RECORD

HOLE NO: 177-12

FOOT	AGE			SAN	APLE		Au	•		<del></del>	of • 3	<del></del>
from	10	DESCRIPTION	NS	from	to	Length	dwt/ton	Ag	Cu %	Zn %		1
			60643	145.3	150.4		Tr		76	70		上
150.4	166.7	IRON CARBONATE-FELSIC LAPILLI-TUFF (?): Buff to greenish buff. Generally massive with some										
		lapilli-tuff sections. Several short sections with 90% large, lenticular, siliceous, clasts (up										F
		to 30 mm across). Long axis of clasts clearly							· · · · · · · · · · · · · · · · · · ·		1	1
		aligned at 30°. Carbonate staining indicates ankerite is major component throughout. Felsic										F
		pyroclastic have apparently undergone wholesale ankerization. Slight brecciation, minor quartz-										F
		carbonate veining. Trace pyrite.										$\vdash$
		150.4-152.7: Felsic Lapilli-tuff.										二
		152.7-166.7; Minor quartz-carbonate veining.	60644	152.7			Tr					1
		Possibly short section of felsic lapilli-tuff.	60645 60646	157.0 162.0	162.0 166.7		0.10					$\vdash$
			00040	102.0	100.7	4./	*****			-	<del> </del>	+
166.7	254.0	CARBONATIZED MAFIC VOLCANIC: Pale green, chlor- itic locally. Generally massive to very weakly										二
			·							<del> </del>	<del> </del>	┼
		foliated at 35°. 10%-15% small blebs of amphibole in fine-grained groundmass (?). Some portions with										上
		10%-15% spherical to sub-rounded quartzofeldspathic										↓_
		clasts, often with pink-red inclusions. Possibly variolites. Minor quartz-carbonate veining.									-	上
		174.8-176.5: 10% coarse blebs and stringers of pyrite.	60647	174.8	176.5	1.7	0.20					
		181.0-181.9: Similar to 174-176.	60648	181.0	181.9	0.9	0.10				<b></b>	1
		214.7-216.0: 1/2" wide quartz-carbonate vein at 15°.	60649	214.7	216.0	1.3					<b> </b>	$\downarrow$

DIAMOND DRILL RECORD

HOLE NO: 177-12

		DIAMOND	DRILL RE	CORD					PAGE	N2: 3	of • 3	
700	NA CIE			SAI	MPLE		Au	Ag				
FOO from	TAGE to	DESCRIPTION	NP	from	10	Length	dwt/ton	~9	Cu %	Zn %		
	254.0	END OF HOLE				<del></del>	LWL7 LOII					
						1						
		Casing pulled				<del> </del>			·	- <del></del>		_
				1		1			<del></del>			
		Drilling by N. Morissette Diamond Drilling Ltd.	·									-
		Drilling by N. Morissette Diamond Drilling Ltd. Haileybury, Ontario	<del></del>									
					<u> </u>	1						
		Core checked for fluorescence and radioactivity.										
		nothing of interest.										
		Core stored at the Dome Mine, South Porcupine, Ont.										
				01.								
		12.	rian	The state of the s								
	İ										I	
	]					1	l	l	<u> </u>	l		L

	600'E	, 4+60E. From collar to Post 1, Claim P.583224 DIAMOND	DRILL RE	CORD					HOLE	177	-13	
ZIMUTH:		ID NORTH (320°T)					PROPERT	Y: PRO	JECT 177	- Mac	klem ar	ıd
								Tho	mas Town	ships,	Ontario	,
(P:	-50	O° LENGTH: 214' ELEVA	TION:				CLAIM N		83224 -			
								P.5	83225 -	136'		
STARTED:	Au	gust 18, 1983 CORE SIZE: AQ SYSTE	M OF MEAS	URE:	IMPERIAL		SECTION:					
										·		
OMPLETED	: Au	gust 19, 1983 DIP TESTS (CORRECTED):					LOGGED	BY: B	. Cole			
PURPOSE	CR	OSS SECTION					DATE LO	GGED:	August	19, 198	3	
							<del>,</del>			,		<del></del>
F001		DESCRIPTION			MPLE	<del></del>	Au	Ag	Cu	Zn	1	1
from	to		No.	from	to	Length	dwt/ton		%	%		<del> </del>
0.0	8.0	CASING AND OVERBURDEN							ļ			4_
									ļ	· ·	<b> </b>	↓
8.0	35.3	MAFIC VOLCANIC: Green, moderately chloritic, soft,						<b></b>	<del> </del>		<b> </b>	-
		carbonatized, massive to weakly foliated at 35° to			<u> </u>			ļ	<b></b>	ļ	ļ <u>.</u>	<del>↓</del>
		the core axis. 10% small, anhedral amphibole			<del></del>				ļ	ļ	ļ	4
		blebs. Minor quartz-carbonate veining.					ļ		<b></b>	ļ	ļ	4-
							ļ		<u> </u>	ļ	ļ	<b>-</b>
35.3	152.0	CARBONATIZED MAFIC-INTERMEDIATE TUFF: Pale green,			_	<b></b> _	<u> </u>		ļ	ļ	ļ	╁—
		highly carbonatized, 25% small lenticular amphibole					ļ		ļ	ļ	<b> </b>	
		clasts in fine-grained matrix. Locally chloritic.					ļ	ļ			ļ	-
		Moderately well-developed foliation at 35°. Some					<u> </u>		<b></b>	ļ		-
		small quartzofeldspathic blebs. Minor quartz-		·	<del></del>	<b></b>	ļ			ļ	-	<del> </del>
		carbonate veining.	<del></del>	ļ	<del>.   </del>	ļ			<b>_</b>		ļ	
					<del>-  </del>		<del> </del>		<del> </del>	<del> </del>	<del> </del>	
		56.0-59.2: IRON CARBONATE: Buff, massive, soft.	60650	56.0	59.2	3.2	Tr	<del> </del>	-		<del> </del>	
			40406		+	-	<del> </del>	<del> </del>	1	-	<del> </del>	┼
		59.2-60.0: Highly oxidized, red-brown.	60651	59.2	60.0	0.8	Tr	<b> </b>	<del> </del>	<b> </b>	<del> </del>	+
		200000000000000000000000000000000000000	(0(50	70.0			<del> </del>		<b></b>	<b> </b>	<del> </del>	-
		78.9-81.0: 25% carbonate, and quartz-carbonate	60652	78.9	81.0	<del>  2.1</del>	N11	<del> </del>	<del> </del>	<del> </del>	+	+
		veining.			<del></del>	<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	+
			(0(5)	91.3	94.8	1 2 ~	<del> </del> -	<del> </del> -	<del> </del>	·	-	+-
		91.8-94.8: 40% carbonate and quartz-carbonate	60653	71.3	74.8	3.0	N11	<b> </b>	1	<del> </del>	<del> </del>	+-
		veining.		<del> </del>		<del> </del>	<del> </del>	<b> </b>	<del> </del>		<del> </del>	+
		94.8-126.9: Extremely carbonatized, Massive to			<del> </del>		<del> </del>	·	<del> </del>		<b>†</b>	+
		weakly foliated. 5% quartz-carbonate veining. Oc-			<del></del>	<b></b>	1	<del> </del>	<del>                                     </del>	1	1	+
1		casional bleb or clast of iron carbonate. Slightly					<del></del>	<del></del>	+	+	+	+

DIAMOND DRILL RECORD

HOLE N9: 177-13

PAGE NO:

2 **of** • 3

F00	CAGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	NO	from	10	Length	dwt/ton		<b>Y</b> <sub>0</sub>	%		
		126.9-128.3: Iron Carbonate: Buff, massive, minor	60654	126.9	128.3	1.4	N11					
		quartz-carbonate veining.								1	<b>†</b>	1
										1		
		128.3-141.7: Similar to 94-126. 10% quartzo-										
		feldspathic, rounded blebs.										
												1
		141.7-152.0: Extremely carbonatized. 30% iron	60655	141.7	146.8	5.1	Tr					1
		carbonate. 10% quartz-carbonate veining.	60656	146.8	152.0	5.2	Tr					
												1
152.0	186.0	IRON CARBONATE BRECCIA: 50% subangular clasts of										
		buff iron carbonate (up to 30 cm in diameter) with										]
		highly chloritic interstitial material as well as										
	<del></del>	quartz-carbonate veining. Rare pyrite, Fragments										
		somewhat aligned at 35°.										
		152.0-174.0: 10%-15% randomly orientated quartz-	60657	152.0	156.9	4.9	Nil					<u> </u>
		carbonate veining.	60658	156.9	160.2	3.3	N11					1
		· · · · · · · · · · · · · · · · · · ·	60659	160.2	164.3	4.1	Tr					$oldsymbol{ol}}}}}}}}}}}}}}}}}$
			60660	164.3	168.7		N11	·			<u> </u>	
			60661	168.7	174.0	5.3	N11				ļ	ــــــــــــــــــــــــــــــــــــــ
							ļ				1	↓_
		174.0-186.0: Very extremely carbonatized volcanic	60662	174.0	177.8		N11			ļ	<b> </b>	↓
		5% quartz-carbonate veining.	60663	177.8	181.8		N11			<b> </b>	ļ	↓
			60664	181.8	186.0	4.2	N11			<del> </del>	<del> </del>	┼
186.0	21/ 0	CARBONATIZED INTERMEDIATE AND MAFIC VOLCANICS: Pale					<b></b>				<del> </del>	+
180.0	214.0	yellow-green, alternating units, up to 10' thick,				· · · · · · · · · · · · · · · · · · ·	<del></del>		<del> </del>	<del> </del>	<del> </del>	+-
		of carbonatized tuff and massive flow. Tuffaceous					1		<del> </del>	<del> </del>		+-
		sections contain 20% small lenticular, amphibole					<del>                                     </del>		<del> </del>	<del>                                     </del>	<del> </del>	┼─
		and 10% subrounded quartzofeldspathic clasts in					<b></b>		<del> </del>	1	<del>                                     </del>	+
		fine-grained matrix. Foliation at 40°. Massive					1		<del>                                     </del>	t	1	1
		sections generally fine grained with 5% amphibole							t	<del> </del>	<b>†</b>	1
		blebs. Some quartz-carbonate and carbonate blebs							1	1	1	1
		and veins. Minor pyrite locally.								1	1	1
		The second secon								1	<del> </del>	1

DOME EXPLORATION (CANADA) LIMITED HOLE NO: 177-13 DIAMOND DRILL RECORD PAGE NO: 3 of . SAMPLE FOOTAGE from to Au Cu Zn DESCRIPTION NP from Length dwt/ton 189.9-192.9: 5% disseminated pyrite. 60665 189.9 192.9 3.0 0.10 214.0 HOLE ABANDONED: Core barrel unscrewed at 224'. No acid test taken. Casing pulled. Drilling by N. Morissette Diamond Drilling Limited Haileybury, Ontario Core checked for fluorescence and radioactivity nothing of interest. Core stored at the Dome Mine, South Porcupine, Ont.

		9+60E. From collar 800'N 1, Claim P.583225	DIA	MOND	DRILL RE	CORD					HOLE		7-14	
AZIMUTH:		Grid North (320°T)							PROPERT		JECT 177			Thomas
HP:		-45° LENGT	'H: 374'	ELEVA	TION:				CLAIM N		nships, 83225	Untario		
STARTED:		August 19, 1983 CORE	SIZE: A.Q.	SYSTE	M OF MEAS	SURE: IM	PERIAL		SECTION:					
COMPLETED:		August 23, 1983 DIP T	ESTS (CORRECTED):	at 18	45°00 4' 33°00				LOGGED	BY: B	. Cole			
PURPOSE:		CROSS SECTION		at 3/	4 33 0				DATE LO	GGED:	August	23-24,	1983	
				<del>- 1</del>		IA2	MPLE	<del></del>	Au	Ag	Cu	Zn		<del></del>
FOOT from	AGE to	DESCRIPTION	<b>1</b>		No.	from	to	Length	dwt/ton	^9	%	%		
0.0	28.0	CASING AND OVERBURDEN												<del> </del>
28.0	90.4	MAFIC TUFF: Dark green, chlorarbonatized, 40% small, sul	oritic, very sli bangular, lentic	ghtly ular							<del> </del>			
		black-green amphibole clasts meter) in fine-grained mafic	(up to 8 mm in matrix. Modera	dia- tely										
		well developed foliation at axis. Rare quartz-carbonate pyrite. Generally blocky.												
90.4	97.9	MAFIC LAPILLI-TUFF-AGGLOMERA' bonatized, buff coloured maf												
		(ranging from 10 mm and up in 120 mm in thickness) set in	n diameter and u fine grained hig	p to hly		·								
		chloritic matrix. Clasts si. Foliation at 40°. Minor qua	ze decrease up h rtz-carbonate ve	ole. ining.										
97.9	185.8_	CARBONATIZED INTERMEDIATE-MA green. Carbonatized 50% sma	FIC TUFF: Pale y ll, lenticular t	ellow o sub-										
		rounded green clasts of amph matrix. Clasts generally 2mm	m - 4 mm in diam	eter.										-
		Also 10% small, sub-rounded clasts moderately well develors. Several thinly in	oped foliation a	t							1			<del> </del>
		35°-40°. Several thinly invery fine grained tuff or se		.b UI										1
					<del></del>	<b> </b>	<del> </del> -	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	1

DIAMOND DRILL RECORD

HOLE No: 177-14

PAGE N2: 2 of . 4

F007		DESCRIPTION		SA	MPLE		Αu	Aq	Cu	Zn		
from	to	DESCRIPTION	NÝ	from	fo	Length	dwt/ton		%	%		l
		136.8-138.4: 10% fine irregular quartz-carbonate	60666	136.8	138.4	1.6	0.20					
		with 5% localized subhedral pyrite.										
										]		
		172.8-180.7: Extremely highly carbonatized. Gen-	60667	177.1	178.1	1.0	0.10					
		erally massive. Some thin, contorted quartz-car-										
		bonate veining with 5% localized pyrite between										
		177.1-172.1.										
						l						
		180.7-185.8: 80% irregular quartz-carbonate vein-	60668	180.7	183.3	2.6	0.10					
		ing. 10% very finely disseminated pyrite. Some	60669	183.3	185.8	2.5	0.10					
		bright green carbonate alteration. From appear-										
		ance of carbonatized mafic xenoliths, quartz-car-							ļ			<u> </u>
		bonate is replacing rather than fracture filling.						·		ļ	ļ	
85.8	206.3	BRECCIA (IRON FORMATION?): Small, angular black		<del> </del>		<del> </del>			ļ			╂─
1		fragments in 75%-80% cherty-quartz with quartz-								1	<b></b>	
		carbonate. Fragments often have been partially		········								┢
		replaced. Very siliceous throughout, 5%-15% very									1	
		finely disseminated pyrite. Generally moderately										
		magnetic throughout. Unit may represent severely									1	Г
		altered iron formation ??. Some short, highly										
		oxidized, red-brown portions, also weakly magnetic										
		locally,										
					ļ	ļ	ļ			ļ	<u> </u>	ــــ
		185.8-189.0: 80% quartz and quartz carbonate.	60670	185.8	189.0	3.2	0.10			ļ	<b> </b>	<u> </u>
		5% pyrite.			<b></b>	ļ	ļ				ļ	↓_
				ļ	ļ	ļ			<b> </b>	ļ	<del> </del>	↓_
		189.0-191.4: Highly oxidized, red-brown, 40%	60671	189.0	191.4	2.4	0.10			<b> </b>	<b></b>	↓_
		quartz-carbonate blebs. 2% pyrite.		ļ <u>.</u>	<del> </del>		<u> </u>			<del> </del>	<del> </del>	╀
		191.4-203.7: 75% quartz and quartz-carbonate 10%-	60672	191.4	194.0	2.6	0.20			1	1	1
		15% disseminated pyrite,	60673	194.0	197.0	3.0	0.20					
			60674	197.0	199.9	2.9	0.10					
			60675	199.9	203.7	3.8	0.10					
					1							

DIAMOND DRILL RECORD

HOLE NO: 177-14

		DIAMOND							<u> </u>		/-14	
									PAGE	<b>№</b> :	of • 4	
F007		DESCRIPTION		SA	MPLE		Au	Ao	Cu	Zn	T	T
from	to	DESCRIPTION	NŶ	from	fo	Length	dwt/ton		٧.	%		
		203.7-206.3: Highly oxidized red-brown 50%	60676	203.7	206.3	2.6	0.10					
		quartz-carbonate.		ļ								
206.3	216.5	BRECCIATED CHLORITIC MAFIC VOLCANIC: Massive to	60677	206.3	211.1	4.8	0.10				-	+
		foliated. Slightly carbonatized. 10% quartz-	60678	211.1	216.5	5.4	0.10		<del> </del>	<del> </del>	<del> </del>	+
		carbonate veining with minor pyrite.			1 2 2 2 2	J.,	0.10				<u> </u>	
216 5	000 0			<b> </b>	<b> </b>							
216.5	289.8	IRON CARRONATE: Buff to greenish buff. Generally massive, moderately brecciated. Abundant irregu-		<del> </del>		<del> </del>				ļ	-	+-
		lar quartz-carbonate veining. Trace pyrite.			<u> </u>					† <del></del>	† * <del></del>	+-
		216.5-231.3: Extremely highly carbonatized vol-	60679	216.5	220.2	3.7	Nil					$\prod$
		canic with numerous massive iron carbonate section	60680	220.2	224.0	3.8	Tr					
		5% quartz-carbonate veining. Pervasive bright	60681	224.0	227.9	3.9	Tr					
		green carbonate alteration.	60682	227.9	231.3	3.4	Nil					$oxed{\Box}$
		231.3-274.0: 40%-60% irregular quartz-carbonate	60683	231.3	236.0	4.7	N11			<del> </del>	<del> </del>	╁╾
		veining. Trace pyrite. Trace tourmaline locally.	60684	236.0	240.7	4.7	N11				1	+
		Minor slightly oxidized portions.	60685	240.7	245.4	4.7	Tr					
			60686	245.4	250.4	5.0	N11					
			60687	250.4	255.0	4.6	Tr					
			60688	255.0	260.5	5.5	Tr					
			60689	260.5	265.2	4.7	N:1					
			60690	265.2	269.2	4.0	Tr					
	-		60691	269.2	274.0	4.8	N11					1
		274.0-275.6: Massive, white, barren quartz-car-	60692	274.0	275.6	1.6	N11			<b></b>	<del> </del>	╁
		bonate vein.										丰
		275.6-289.8: 15%-25% irregular quartz-carbonate	60693	275.6	280.8	5.2	N11			<del> </del>	·	╁
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	veining.	60694	280.8	285.6	4.8	N11					1
			60695	285.6	289.8	4.2	N11					丰
289.8	374.0	CARBONATIZED MAFIC TUFF: Pale green to green.			<del> </del>		<del> </del>			ļ	<b> </b>	+-
202.0	3/4.0	Locally chloritic. 40% small sub-rounded to lent-	<del></del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>		<b></b>	<del> </del>	<del> </del>	+

DIAMOND DRILL RECORD

HOLE N9: 177-14

PAGE N9:

FOOTAC	E	DESCRIPTION		SA	MPLE		Δu	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton	~•	%	Y.		
		icular amphibolite clasts in fine-grained matrix.										
		Moderately-well developed foliation at 30°-40°.				1					l	
		Moderately brecciated. Fractures filled with									1	
	,	quartz-carbonate and blebby coarse carbonate (5%-										
		15%). Becomes less carbonatized with depth.										
		356.2-368.3: 15% small feldspathic clasts.										
		368.3-370.2: Iron Carbonate: similar to 216-289.	60696	368.3	370.2	2.9	Nil					
		5% quartz-carbonate veining.										
				<b></b>								
		371.8-374.0: Iron carbonate: similar to 368-370.	60697	371.8	374.0	2.2	Tr			ļ		
				ļ						ļ		
	374.0	END OF HOLE		ļ	ļ	<u> </u>				<u> </u>		
				ļ		ļ					ļ	
				ļ		ļ			ļ	<b> </b>	ļ <u>.                                    </u>	
		Casing pulled.		ļ			<b> </b>					
					<del> </del>		<b>  </b>	<del></del>			ļ	
		Core checked for fluorescence and radioactivity -		ļ <u>.</u>	<del> </del>	<b> </b>	<b> </b>			ļ		ļ
		nothing of interest.				ļ	<del> </del>			<u> </u>	<del> </del>	<b> </b>
					ļ	<del>                                     </del>	-		<b> </b>	ļ	<del> </del>	├
		Drilling by N. Morissette Diamond Drilling Ltd.		<del> </del>	<del> </del>		<b> </b>			ļ	<del> </del>	
		Haileybury, Ontario		<del> </del>		ļ			<del> </del>	ļ		<b> </b> -
				<del> </del>	<del> </del> -	<del></del>			<b></b>	<del> </del>	<del> </del>	<del> </del>
	· · · · · · · · · · · · · · · · · · ·	Core stored at the Dome Mine, South Porcupine, Ontario.		-	<del> </del>	<del> </del>	<del>  </del>		<del> </del>	<del> </del>	<del> </del>	┼
		Ontario.	ion	13.11	<del> </del>	<del> </del>	<del>                                     </del>		<del> </del>	<b> </b>	<del> </del>	<del> </del>
			non	m	<del> </del>	<del> </del>	-		<del> </del>	ļ	<del> </del>	<del> </del>
		•		<del> </del>	1	<del> </del>					<del> </del>	
				<del> </del>	<del>                                     </del>	<del> </del>			<del> </del>		<del> </del>	┼
				<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>		<del> </del> -	<del> </del>	<del> </del>	<del> </del>
				<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del></del>	<del> </del>	<del> </del>	<del> </del>	+-
				<del>                                     </del>	<del> </del>	<del> </del>	<del>  </del>		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>
				<del> </del>	<del> </del>	<del> </del>	<del> </del>	<del></del>	<del> </del>	1	<del> </del>	<del>                                     </del>
					<b></b>	ļ			<del></del>	·	<del> </del>	↓

		; 11+60E. From collar to Post 1, Claim P.583225	DIAMOND	DRILL RE	CORD					HOLE		-15	
AZIMUTH:		GRID NORTH (320°T)						PROPERT	' PROJE	ECT 177	- Mackl	em and	Thomas
									Towns	ships, O			
DIP:		-45°	LENGTH: 203' ELEV	ATION:				CLAIM N	P.58	3225			
STARTED:			CORE SIZE: AO SYST	EM OF MEAS	URF: THE	PDTAT		SECTION:	<del></del>				
SIARTED		August 23, 1983	AO OTOTA		JME IMP	EKIAL		02011011					
COMPLETE	D: ,	August 24, 1983	DIP TESTS (CORRECTED): At 2	203' 37°3	30'			LOGGED	BY: I	3. Cole			
				The state of the second of the second									
PURPOSE		CROSS SECTION						DATE LO	GGED:	August	24-29.	1983	
FOOT	NCE.			<del>,</del>	SA	MPLE		Au	Ag	Cu	Zn	Ţ	1
from	to	DESC	RIPTION	No.	from	to	Length	dwt/ton		%	%		
0.0	14.0	CASING AND OVERBURDEN										ļ	
7/ 6	15.6	WARTO HOLOMOTO									ļ	ļ	
14.0	45.6	sive to slightly foliat	moderately chloritic. Mased at 35° to the core axis.				ļ	<del> </del>			<del> </del>	<del> </del>	<del> </del>
		<del></del>	l amphibole blebs. Short,										
			tions locally. Minor										
		quartz-carbonate veinin	g. Slightly blocky.		<u> </u>						<b> </b>	<b></b>	
		26.0.45.6		60698	26.0	(1.0					<b> </b>		
		iron carbonate, 15% qua	nsition from volcanic to	60699	36.0 41.0	41.0 45.6	5.0 4.6	Nil Nil			<del> </del>	<del> </del>	
45.6	61.6		ish-buff. Massive. Moder-				ļ <u>.</u>		·			ļ	<b>.</b>
			dant irregular quartz-car-		<u> </u>		ļ	ļ	<del></del>	ļ	<del> </del>	<del> </del>	ļ
<b>}</b>		bonate veining, Minor oxidized, red-brown por	pyrite. Some short, highly								<del> </del>	1	J
	<del></del>	Oxidized, led-brown por	LIOIIS		l		<del> </del>				1	<del> </del>	
		45.6-48.0: 15% quartz-	carbonate veining.	60700	45.6	48.0	2.4	Ni1					
											ļ	ļ	
		<del></del>	ized. 10% quartz-carbonate	60701	48.0	49.1	1.1	N11			<b> </b>	-	
		veining.										<del> </del>	<del> </del>
	1	49.1-50.4: Similar to	45-48.	60702	49.1	50.4	1.3	Tr			<u> </u>		
											ļ	ļ	
	<b></b>	50.4-53.2: Similar to 4	3-49.	60703	50.4	53.2	2.8	Tr			<b> </b>	<del> </del>	ļ
ļ	<b> </b>	52 2-61 6: Similar to	45-48. Moderately chlorit-	60704	53.2	57.5	4.3	Tr			<del> </del>	┪	<del> </del>
-	<del>                                     </del>	ic locally.	73 40. Moderatery Chilotite	60705	57.5	61.6	4.1	Tr		<u> </u>			

DIAMOND DRILL RECORD

HOLE No: 177-15

MGE N2:

2 of · 3

F007	AGE	DEAADIRE		SA	MPLE	***************************************	Au	Ag	Cu	Zn		T
from	to	DESCRIPTION	NŶ	from	to	Length	dwt/ton	~4	%	%		
61.6	86.8	MAFIC VOLCANIC: Green to yellowish green, locally			1				<del>                                     </del>		<del>                                     </del>	+
		chloritic, massive. Highly brecciated locally				1			1	1	<del> </del>	†
		with accompanying 40%-70% network of quartz-carbon		1	1	1				<del> </del>	<del> </del>	1-
		ate veining. Minor short sections of iron carbon-			1	1			1	1	1	1
		ate occur locally.			1				†	<del>                                     </del>	<del>                                     </del>	+
					1	<del> </del>			1	<del> </del> -	<del>                                     </del>	<del> </del>
		61.6-67.1: 40%-70% quartz-carbonate veining.	60706	61.6	64.0	3.4	Tr		<b>†</b>	<del> </del>	<del> </del>	1-
		Highly brecciated.	60707	64.0	67.1	3.1	N11		1	†~~~	<del>                                     </del>	<del>                                     </del>
				†	1	1			<b> </b>	<del> </del>		†
86.8	142.7	IRON CARBONATE: Similar to 45-61 often with thin			1	1				†	<del>                                     </del>	<del> </del>
		chloritic stringers and very small angular clasts.				1			†	1	<del>                                     </del>	<del>+</del>
		Trace pyrite.		<b> </b>						1	<del>                                     </del>	<del>                                     </del>
				1	1	1	tt		<del> </del>	† — — —	<del>                                     </del>	1-
i		86.8-90.5: 5% quartz-carbonate veining.	60708	86.8	90.5	3.7	Ni 1		<b> </b>	<del>†</del>	<del> </del>	<del> </del>
					1 30.3	1			1	<del> </del>	<del> </del>	1-
		90.5-93.3: Mafic volcanic; similar to 61-86.			<del>                                     </del>			·	1	<del> </del>	<b>†</b>	<del>                                     </del>
		ZYIZ ZYIZI MAXIC TVICUIC, BINITAL LU VI-UV.			<del> </del>	<del> </del>	1	<del></del>	† ·	<del> </del>	1	+-
		93.3-142.7: 5%-15% irregular quartz-carbonate	60709	93.3	98.0	4.7	Ní1		1	<del></del>	<del> </del>	_
		veining. Minor, short slightly oxidized portions	60710	98.0	102.9	4.9	Tr		<b>†</b>	<b>†</b>	<del> </del>	+
			60711	102.9	107.7	4.8	Tr		<del> </del>		<del> </del>	1-
· · · · · ·			60712	107.7	112.0	4.3	Tr		<b>†</b>	<del>                                     </del>	<del> </del>	+-
	-		60713	112.0	116.4	4.4	Tr		†	<del>                                     </del>		†
			60714	116.4	120.6	4.2	N11		<del> </del>		1	+
			60715	120.6	125.3	4.7	N11		1	<del> </del>	<del> </del>	<del> </del>
			60716	125.3	129.9	4.6	N11		<del> </del>	<b>†</b>	<del> </del>	+-
			60717	129.9	134.5	4.6	N11		<del> </del>		1	+-
	·		60718	134.5	139.1	4.6	0.10		<del> </del>	<del> </del>	+	+
			60719	139.1	142.7	3.6	Tr		<del> </del>	<del>}</del>	<del> </del>	+
			00/13	132.1	146.7	3.6	1 1		<del>                                     </del>	<del> </del>	<del> </del>	+
142.7	203.0	MAFIC VOLCANIC: Green to yellowish green. Moder-			<del>                                     </del>	<del> </del>	<del>  -  </del>	·	<del> </del>	<del>                                     </del>	1	+
-76./	203.0	ately chloritic locally. Massive. Fine-grained.			<del> </del>	<del> </del>	<del>                                     </del>		†	<del>                                     </del>	†	1
<del></del>		Abundant quartz-carbonate blebs and veining.		<u> </u>	<del> </del>	<del> </del> -	<del>                                     </del>		<del> </del>	<del> </del>	+	+-
		Annual An		<del> </del>	<del> </del>	<del> </del>	<del>  </del>		<del> </del>	<del> </del>	<del> </del>	+-
		142.7-144.3: Highly oxidized, Orange-brown.	60720	142.7	1,,,	<del> </del>			<del> </del>	<del>                                     </del>	<del> </del>	+
	ļ	Minor quartz-carbonate veining.	DU/20_	142.4	144.3	1.6	0.20		<del> </del>	<del> </del>	+	+-

DIAMOND DRILL RECORD

HOLE NO: 177-15

	DIAMOND DRILL RECORD								177-15			
								PAGE	<b>N2</b> : 3	of • 3		
FOOTAGE	DESCRIPTION		Au	Ag	Cu	Zn	T	T				
from to		NŶ	from	to	Length	dwt/ton	7	7.	7.	Ì	l	
	144.3-173.3: Breccia zone; 10%-25% randomly	60721	144.3	149.3	5.0	Tr				<del> </del>	1	
	orientated quartz-carbonate veining. Numerous	60722	149.3	154.0	4.7	0.20				1	1	
	short massive sections and clasts of iron carbon-	60723	154.0	158.5	4.5	Tr					+-	
	ate. Trace pyrite.	60724	158.5	163.0	4.5	Tr				<del> </del>	$\vdash$	
		60725	163.0	167.9	4.9					<del> </del>	+	
		60726	167.9	173.3	5.4	Tr			<del></del> -	<del>                                     </del>	1	
										<u> </u>	<del>                                     </del>	
203.0	END OF HOLE											
			<b></b>									
	Contra11-1	·			<b></b>							
	Casing pulled			<del> </del>	<del> </del>						<u> </u>	
	Core checked for fluorescence and radioactivity.		<del> </del>		<del> </del>	<del> </del>					├—	
	Nothing of interest.			<del> </del>	<del> </del>				·	<del> </del>	┼-	
			<del> </del>	<del> </del>	<del> </del>	<del> </del>				<del> </del>	├	
	Drilling by N. Morissette Diamond Drilling Ltd.		<del> </del>	<del> </del> -	<del> </del>	<del> </del>				<del> </del>	├	
	Haileybury, Ontario		<u> </u>		<del> </del>					<del> </del>	╁	
			1	1						1	<del>                                     </del>	
	Core stored at the Dome Mine, South Porcupine,											
	Ontario.									1		
			1									
	121	an C	ule									
<del></del>						ļ				<u> </u>	_	
<del></del>				<del> </del>	ļ					ļ	_	
				<b> </b>	ļ						_	
										<del> </del>	├	
		· · · · · · · · · · · · · · · · · · ·				<del> </del>				<del> </del>	├-	
			<del> </del>	<del> </del>		l				<del> </del>	<del>  -</del>	
			l	1	<del> </del>	<del>                                     </del>				<del> </del>	-	
			i							1	1	
					<u> </u>					1	T	
											$\Gamma$	

LOCATION: 27+10N, 13+60E. From collar 405'S & 85'W to Post 3, Claim P.583220			DIAMOND DRILL RECORD							HOLE		77 <b>-</b> 16	
ZIMUTH:		D NORTH (320°T)	- CIAMOND	DIVICE IVE	COND			PROPERT	Y: ppo	JECT 177			
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								mas Town			
MP:	-45	• •	LENGTH: 304 ELEV	ATION:				CLAIM N		83220		Ontario	
	-45	)-	304 ELEV	ATTON.				CLAIM N			- 00' - 238'		
STARTED:	ATICI	JST 24, 1983	CORE SIZE: A.Q. SYST	EM OF MEA	OUDE.	IMPERIAL		SECTION:		03223	- 230	·	
STARTED:	AUGU	351 24, 1903	CORE SIZE: A.Q. STST	EM UF MEA	SUKE:	THI EXTAL		SECTION:					
OMPLETED		10m 06 1000	DIP TESTS (CORRECTED): At	00/1 00	9001		<del></del>	100050	<b>8</b> V. D	0.1.			
UMPLETED	. AUGL	IST 26, 1983	DIP TESTS (CORRECTED): at	304 39	<u>00'</u>			LOGGED	өт: В	· core			
******	0000	OG ANAMYAN								·	<del></del>	·····	
PURPOSE	CROS	S SECTION						DATE LO	GGED	AUGUST	29, 19	83	
FOOT	CP.					MOLE.				<del>,</del>	1		
from	to	DESC	RIPTION	No.	from	MPLE	I I access	Au	Ag	Cu %	Zn %	1	
				No.	Irom	10	Length	dwt/ton		70	<del></del>	<del> </del>	
0.0	18.0	CASING AND OVERBURDEN		l	ļ	<del> </del>	ļ	-		ļ	<del> </del>	<b>  </b>	
				ļ	<del> </del>	<del></del>	ļ			ļ	· · · · · ·	ļl	
18.0	202.1		green, 15%-20% small, sub-	ļ	<del> </del>	<del> </del>	<b></b>	ļ		ļ	ļ	<b> </b>	
			icular amphibole clasts in		ļ	<del>-</del>	<b> </b>	ļ		<b></b>	ļ <u>.</u>	1	
			matrix. Minor feldspathic		<del> </del>		<b> </b>				ļ		
		clasts as well. Probab	ly pyroclastic. Moderately			<u> </u>	<b> </b>			<b> </b>			
		well developed foliatio			<u> </u>	<u> </u>	<b>!</b>	<b> </b>		ļ	ļ	ļ	
		Minor quartz-carbonate		ļ <u> </u>			ļ			ļ	ļ	ļ	
		Medium-grained, massive			ļ	<b></b>	ļ			1	ļ	<del>  </del>	
		5%-10% quartz-carbonate	veining.		ļ		ļ	<b> </b>		<b> </b>		ļ	
<del></del>	·	0.000		ļ	<del> </del>	<del></del>				ļ	ļ	ļ	
		84.0-95.0: Moderate re	d-brown oxidation.	ļ			ļ			<u> </u>		<del>  </del>	
		101.0-104.0: Grind.		·	ļ	<b></b>	<b></b>	1		ļ	ļ	<b> </b>	
			rbonatized. Quite blocky		ļ	ļ	ļ	ļi	,	ļ			
		with grind. 5%-10% quar				<u> </u>	ļ						
		veins. Some short sect								ļ		<b>↓</b> .	,
			n oxidized sections. Grind		<b> </b>	<b>_</b>	<b> </b>	<b></b>		<b></b>	ļ	<b> </b>	
		between 112.0-114.0.			<b></b>		<b> </b>	ļ. <u></u>		ļ	<b> </b>	ļļ	
	<del></del>			<u> </u>	<b> </b>		<u> </u>	ļ			<b></b>	1	
	······	179.7-184.0: 10% rando		60727	179.7	184.0	4.3	0.1		ļ	<b></b>		
		carbonate veining. Rep	resentative sample.		<b> </b>	1	ļ	ļ		<b> </b>			
				ļ	ļ		<b></b>			<b> </b>	<b></b>	ļ	
202.1	212.2	SILICEOUS FLOW OR INTRU	SIVE: Grey, massive.	60728	202.1	206.5	4.4	0.4		<u> </u>	L		
		Fine-grained, highly si	liceous, 5% disseminated	60729	206.5	209.6	3.1	0.2		1			
		pyrite. Minor quartz-c	arbonate veining,	60730	209.6	212.2	2.6	0.1		1			
		Brecciated between 209.	6-212.2.	I									
7				l		I				\	\	1	1

DIAMOND DRILL RECORD

HOLE No: 177-16

PAGE No: 2 of 2

F001	AGE	DECOMPTION	SAMPLE				Au	Ag	T	T		
from	to	DESCRIPTION	NO	from	to	Length	dwt/ton		Cu %	Zn %		
212.2	253.5	FELSIC INTRUSIVE: Dark grey with reddish hue.							<del>                                     </del>	<del>                                     </del>		<del> </del>
		Quite distinctive locally. Massive, 15% small		1		1	<b> </b>	<del></del> -	<del> </del>	<del>                                     </del>	<del> </del>	<del> </del>
		(up to 3 mm in diameter) anhedral feldspathic	·	1		1	<b> </b>		<del>                                     </del>	<del> </del>	<del> </del>	+
-		phenocrysts in siliceous medium-grained ground-		1			<b>†</b>		<del> </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>
		mass. Minor crosscutting quartz-carbonate veining					<b></b>		<del> </del>	<del> </del>	<del> </del>	<del> </del>
						1			<del> </del>			
		222.8-225.9: Mafic Volcanic xenolith.		1						†	<del> </del>	<del> </del>
			·							<del> </del>	<del>                                     </del>	<del> </del>
253.5	259.5	MAFIC VOLCANIC: Green massive. Medium grained.				1				<del> </del>	<del>                                     </del>	<del>                                     </del>
		20% feldspar, abundant quartz-carbonate blebs.				1				<del>                                     </del>	<del> </del>	<del> </del>
						1	<u> </u>					<b>†</b>
259.5	274.7	SILICEOUS FLOW OR INTRUSIVE: Similar to 202-212.						······				
		Minor pyrite.							· · · · · · · · · · · · · · · · · · ·			<u> </u>
						1					<del> </del>	†
274.7	304.0	KOMATIITIC FLOW: Black. Fine to medium grained.				1						<b>†</b>
		generally massive to weakly foliated at 45°.						··· · · · · · · · · · · · · · · · · ·				
		Slightly talcose, moderately locally. Abundant								1		
		carbonate blebs and quartz-carbonate veining.								1		1
											1	
	304.0	END OF HOLE									†	
		Casing pulled										
		•										
		Core checked for fluorescence and radioactivity;										
		nothing of interest.										
											1	
		Drilling by Morissette Diamond Drilling										
		Haileybury, Ontario										
											1	
		Core stored at the Dome Mine.										
		South Porcupine, Ontario										
				2								
		DA	ian C	ule								
						<u></u>						

	2/1251	. 01/00 7								·					
LOCATION:		; 9+60E. From collar	DIAMOND	DDIII DE	CORD					HOLE		177-17			
S5'N &		Post 1, claim P.583224	DIAMOND	DRILL RE	COND			222222							
AZIMUITI:	GR	ID NORTH (320°T)						PROPERT	PRO.	ECT_177	- Mack	lem and			
NP:	-60	1 FAICTU: CAE	I CALCTU- CART CLEVATION.						Thomas Townships, Ontario CLAIM NQ: P.583224 - 100'						
лг: ———	-61	TEMOLM. 613	LENGTH: 615' ELEVATION:												
STARTED:	J	06 1000 CARE SIZE:		EM OF MEAS	N1100	<del></del>	·	SECTION:	P.58	3225 -	515'				
SIARIEU	Au	gust 26, 1983 CORE SIZE: A	5151	EM OF MEA	onke. Il	MPERIAL.		SECTION:							
COMPLETED	l: A	gust 31, 1983 DIP TESTS (COR	RECTED): 00	201 50	°00'			LOGGED	DV. D						
JOHN LLILD	Au	gust 31, 1983	RECTED): at 20		°301			LOGGED	ы. В.	Cole					
PURPOSE:	CR	OSS SECTION							GGED	Septemb	or 1 1	083			
			<u>a </u>					DAIL LO		Берсешь	Ct 1, 1	<del>,,,,</del>			
FOOT	AGE				SA	MPLE		Au	Ag	Cu	Zn	1			
from	to	DESCRIPTION		No.	from	to	Length	dwt/ton	. A9	%	%				
0.0	10.0	CASING AND OVERBURDEN										<del> </del>			
					1								<del> </del>		
10.0	95.0	MAFIC VOLCANICS: Dark green, massiv									1	<b>†</b>			
		ly well foliated at 25° to the core	axis. 25%												
		rounded and oblong to lenticular amp	hibole blebs												
		(up to 5 mm in diameter) and 15% anh													
		spathic blebs (up to 3 mm in diamete	r) in fine-												
		grained matrix and/or groundmass ? S						ļ				<u> </u>			
			onatized. Minor quartz-carbonate veining.									ļ			
		Blocky and/or vuggy locally.						ļ							
					ļ	ļ	<b>-</b>	ļi							
95.0	108.3	KOMATIITIC INTRUSIVE (?): Dark grey			<del> </del>	ļ		<b></b>					ļ <u>.</u>		
		medium to finegrained, quite hard, s		<del></del>	ļ	ļ		<b> </b>				<del> </del>	ļ		
	. ,	cose, minor quartz-carbonate veining			<del> </del>	<del> </del>		<b> </b>							
108.3	119.2	MAFIC VOLCANICS: Similar to 10-95.	10% lares			<del> </del>		-				<del> </del>	<del> </del>		
100.3		quartz-carbonate blebs. Minor pyrit		<b></b>	<del> </del>	<del> </del>	<del></del>	<del> </del>				<del> </del>			
		quarte carbonate brebs, minor pyrit	· ·			<del> </del>						1	$\vdash$		
119.2	125.4	FELSIC INTRUSIVE: Grey with reddish	tint. Mag-			·		<del> </del>				1	<del>                                     </del>		
++2,6	<u> </u>	sive. Medium-grained. Moderately s			1			1				1			
		25% very small euhedral amphibole an			1		1	1				<del> </del>			
		phenocrysts.						1			·	1	<u>† </u>		
							1								
125.4	521.4	MAFIC VOLCANICS: Similar to 10-95.	Abundant			1		1				1			
		quartz-carbonate blebs locally. Sli	ghtly talcose												
		sections locally.													
												}			

DIAMOND DRILL RECORD

HOLE No: 177-17

PAGE NO:

2 **of ·** 3

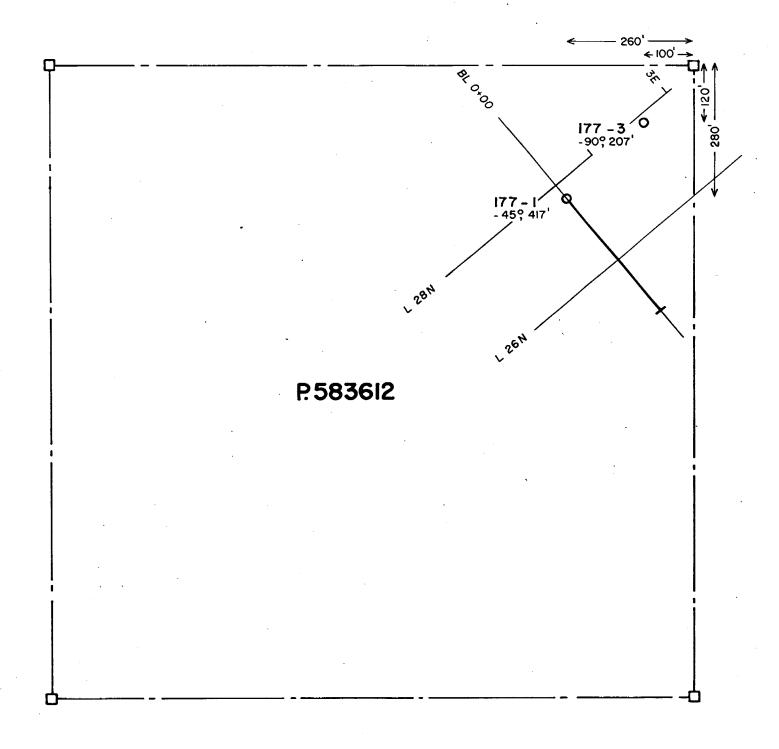
from	10	DESCRIPTION	SAMPLE Au					L DESCRIPTION L L															Cu	Zn		
			N9	from	to	Length	dwt/ton	Ag	<b>%</b>	%																
		131.6-140.0: 15% quartz-carbonate blebs and vein-	60731	131.6	135.0	3.4	Tr				<del>                                     </del>	十														
		ing. Representative samples	60732	135.0	140.0	5.0	Tr	· <del></del>		<del> </del>	† <del></del>	†														
1						1	1		† <del></del>	<del> </del>	<del> </del>	╁														
		140.0-141.4: 50% quartz-carbonate veining. Some	60733	140.0	141.4	1.4	0.1			1	<del> </del>	†														
		red-brown oxidation. Slightly vuggy.								1		1														
						1		) <del>- 10</del>	1		1	†														
		174.3-178.8: 15% quartz-carbonate blebs. Rep-	60734	174.3	178.8	4.5	Tr		1			†														
		resentative sample.								1	1	1														
									1	1	<u> </u>	1														
		206.7-212.5: Similar to 174-178.	60735	206.7	211.3	4,6	Tr			1	<u> </u>	1-														
		306.2-343.6: Quartz massive. Fine-grained. Hard										П														
												$\top$														
		495.0-521.4: Highly carbonatized. Greenish-buff									1	1														
		colour.									]	Π														
												T														
521.4	561.8	IRON CARBONATE: Greenish-buff. Massive, very																								
	<del></del>	fine grained, slightly brecciated. Some quartz-																								
<del></del>		carbonate veining. Trace pyrite.			<u> </u>																					
					ļ							$\mathbf{I}_{-}$														
		521.4-561.8: 5%-10% quartz-carbonate veining,	60736	521.4	526.1	4.7	0.1																			
		trace pyrite.	60737	526.1	531.0	4.9	Tr																			
			60738	531.0	535.7	4.7	Tr					L														
			60739	535.7	540.5	4.8	0.2																			
			60740	540.5	545.3	4.8	0.1				<u> </u>	_														
			60741	545.3	550.2	4.9	0.1																			
			60742	550.2	555.0	4.8	0.1					<u> </u>														
			60743	555.0	558.4	3.4	0.1			ļ	<u> </u>	丄														
	·		60744	558.4	561.8	3.4	0.2		ļ	ļ	<b></b>	<u> </u>														
							ļl			<b> </b>	<b>↓</b>	<u> </u>														
61.8	581.9	MAFIC VOLCANIC BRECCIA: Small, angular, highly				ļ			<b> </b>	<b> </b>	<u> </u>	$\perp$														
<del></del>		chloritic, dark green, fragments with 40%-60%			<b> </b>						<b> </b>	↓_														
		interstitial quartz-carbonate veining. Minor			ļ		<b>  </b>		<b></b>	ļ	<b> </b>	<u> </u>														
<del></del>		pyrite.				<b></b>	<u> </u>			<b> </b>	ļ	$\perp$														

#### DIAMOND DRILL RECORD

HOLE N9: 177-17

PAGE N9: 3 of • 3

F007	IAGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu Zn		T	
from	10		N9	from	to	Length	dwt/ton		%	%		
		561.8-581.9: 40%-60% irregular quartz-carbonate.	60745	561.8	566.6	4.8	0.1	<del></del>			<del> </del>	
	<u> </u>		60746	566.6	571.6	5.0	0.1		1		1	
	<u> </u>		60747	571.6	576.6	5.0	0.2		1	1	1	
	<u> </u>		60748	576.6	581.9	5.3	Tr			1	1	
											1	
581.9	602.5	IRON CARBONATE: Similar to 521-561. Locally									1	
		chloritic.										
	<b></b>											
	<b></b>	581.9-602.5: 15%-25% irregular quartz-carbonate	60749	581.9	586.0	4.1	0.1					
	ļ <u>.</u>	veining.	60750	586.0	590.4	4.4	0.1				I	
	ļ		60751	590.4	595.0	4.6	0.1					
	<del> </del>		60752	595.0	598.7	3.7	Tr					
	<u> </u>		60753	598.7	602.5	3.8	0.2					
	<del> </del>			ļ								
602.5	615.0	CARBONATED MAFIC VOLCANIC: Similar to 495-521.		ļ	ļ	ļ			<u></u>	<b></b>		
	(15.0	TUD OR HOLD	ļ	<u> </u>	ļ	ļ			ļ	ļ		
	615.0	END OF HOLE			<b></b>	ļ	<b> </b>		ļ	<u> </u>	ļ	
				<del> </del>	ļ	ļ				<b>.</b>	ļ	
	<del> </del>	Casing pulled,		ļ	ļ	ļ				<b></b>	ļ	
	<del> </del>				ļ	ļ	<b> </b>			ļ		
	<del> </del>	Core checked for fluorescence and radioactivity:	<del></del>		<b> </b>					<b></b>	ļ	
<del></del>	<del> </del>	nothing of interest.		ļ	<del> </del>					<b></b>		
	<del>                                     </del>				<del> </del>					<b></b>	<b></b>	
	<del> </del>	Drilling by N. Morissette Diamond Drilling Limited		ļ	<b></b>				ļ	<del> </del>	<del> </del>	<b> </b>
	<del> </del>	Haileybury, Ontario			<b> </b>				<del> </del>	<del> </del>	<b>-</b>	
	<del> </del>		<del></del>	<b> </b>	<del> </del>	<del> </del>	<b> </b>		<del> </del>	<del>                                     </del>	<del> </del>	
	<b> </b>	Core stored at the Dome Mine		<del> </del> -	<del> </del>	ļ			<del> </del>	<b></b>	<del> </del>	
	<del> </del>	South Porcupine, Ontario.	<del></del>	<u> </u>	١	<b>.</b>			<del> </del>	<b> </b>	<del> </del>	
	<del> </del>		Bu	444	1	<del>(</del>	<del> </del>		<del> </del>	<del> </del>	+	
	<del>                                     </del>		11 m	PVC.		<b>—</b>	<b> </b>		<del> </del>	<del> </del>	<del> </del>	
	<del> </del>		<del></del>	<b></b>	<del> </del>		<del> </del>		<del> </del>	<del>                                     </del>	<del> </del>	<del></del>
	+			<u> </u>	<del>                                     </del>	<del> </del>	<del> </del>		<del> </del>	├	<del> </del>	<del></del>
	<del> </del>				<del> </del>	<del> </del>	<del>  </del>		<del> </del>	<del> </del>	<del> </del>	<del></del>
<del></del>	<del> </del>			<del> </del>	<del> </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del> </del>	<del> </del>
· · ·	1	<u> </u>	<b></b>	<u> </u>	J	L	<u> </u>		1	<b></b>	<u> </u>	

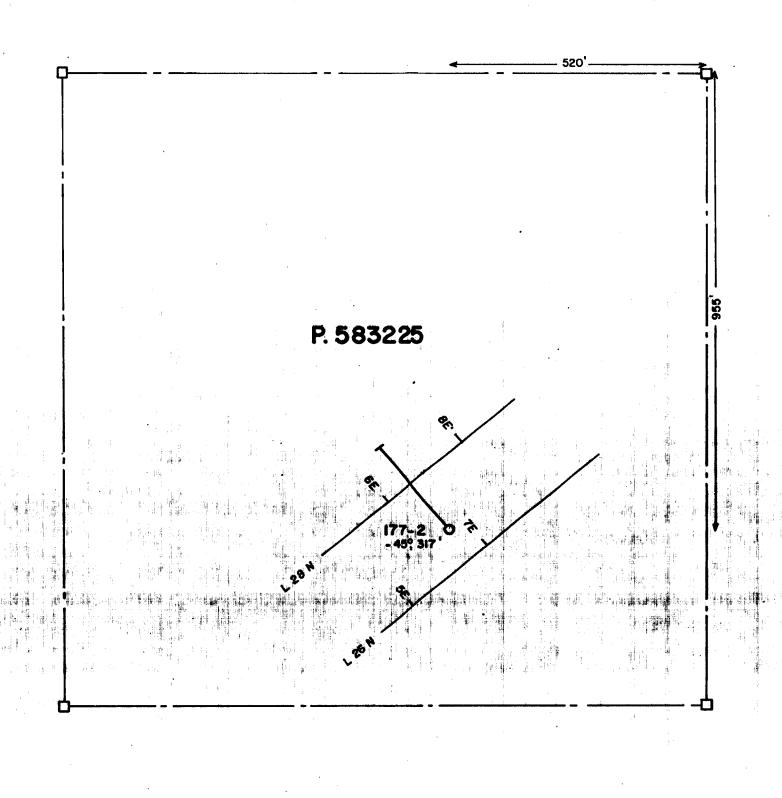


PROJ. 177 MACKLEM & THOMAS TWP,ONT.

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:
1"= 200 AUG:83 T.S. 42-A-7 177-3



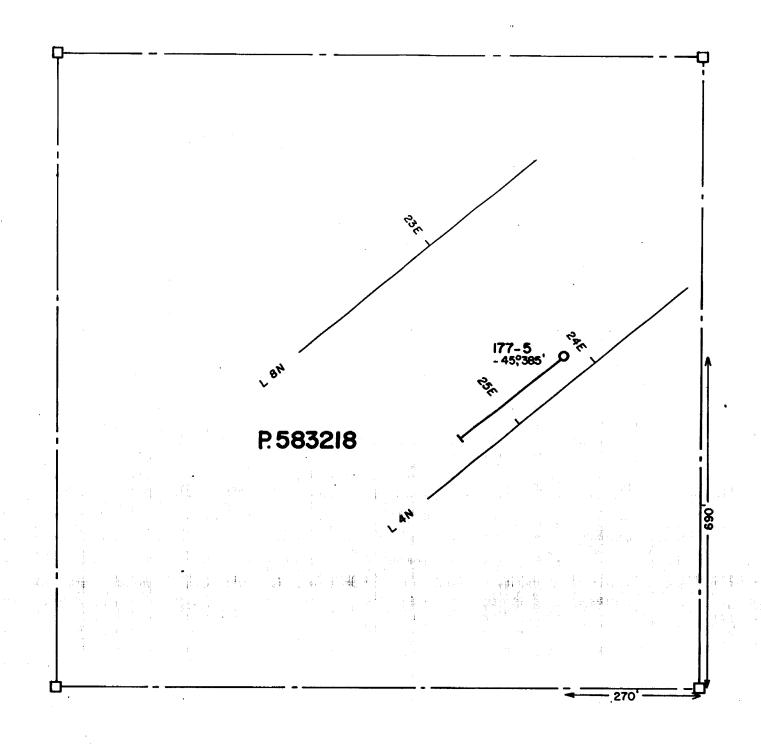


PROJ.177 MACKLEM & THOMAS TWP, ONT.

DDH LOCATIONS

CALE DATE BY N.T.S. No: DWG.N



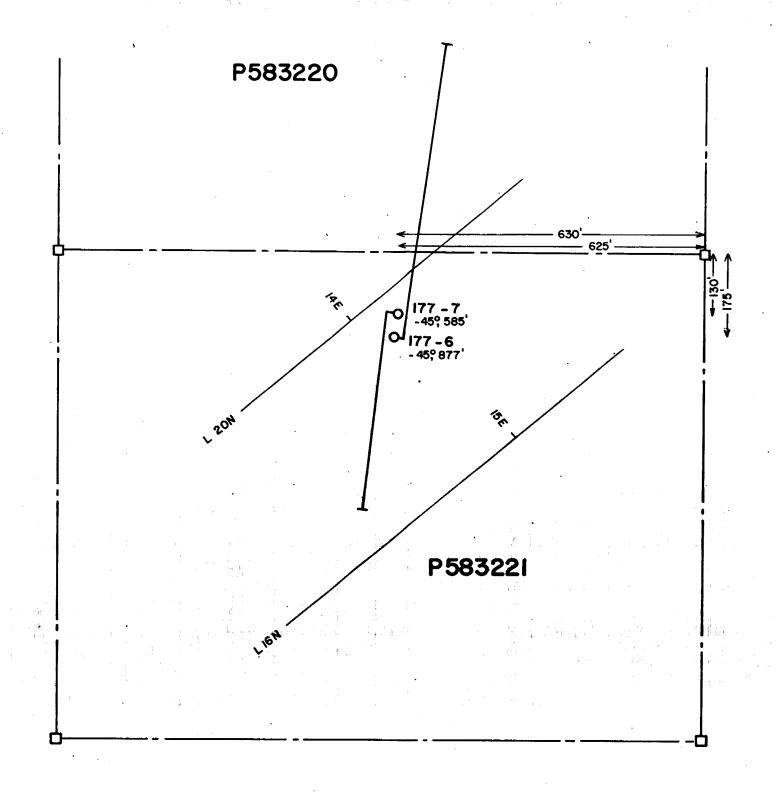


PROJ. 177MACKLEM & THOMAS TWP., ONT.

DDH LOCATIONS

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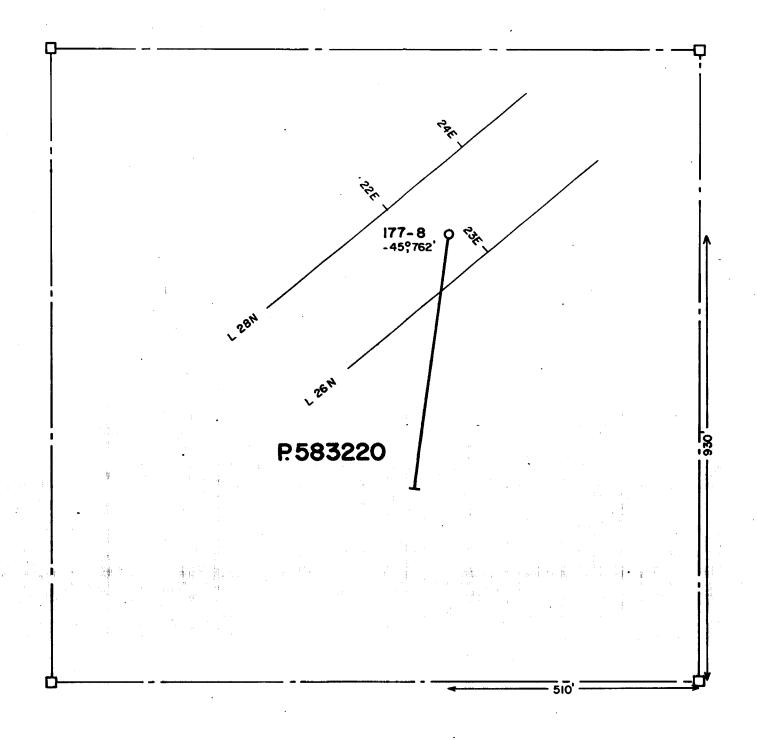




PROJ.177 MACKLEM & THOMAS TWP, ONT.

DDH LOCATIONS

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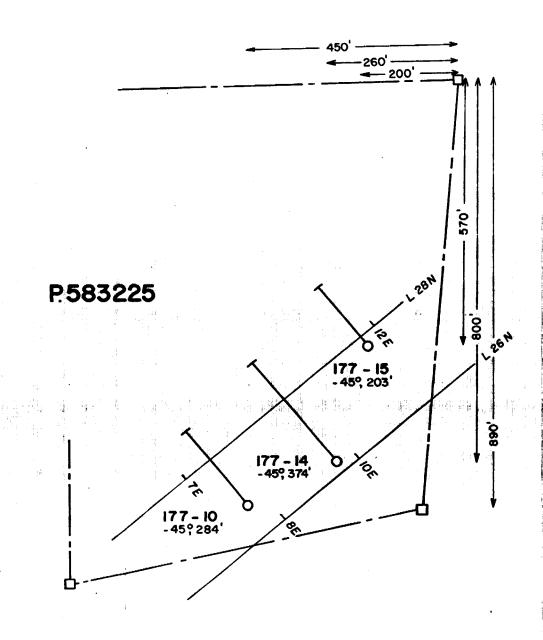


PROJ. 177 MACKLEM & THOMAS TWP., ONT.

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:
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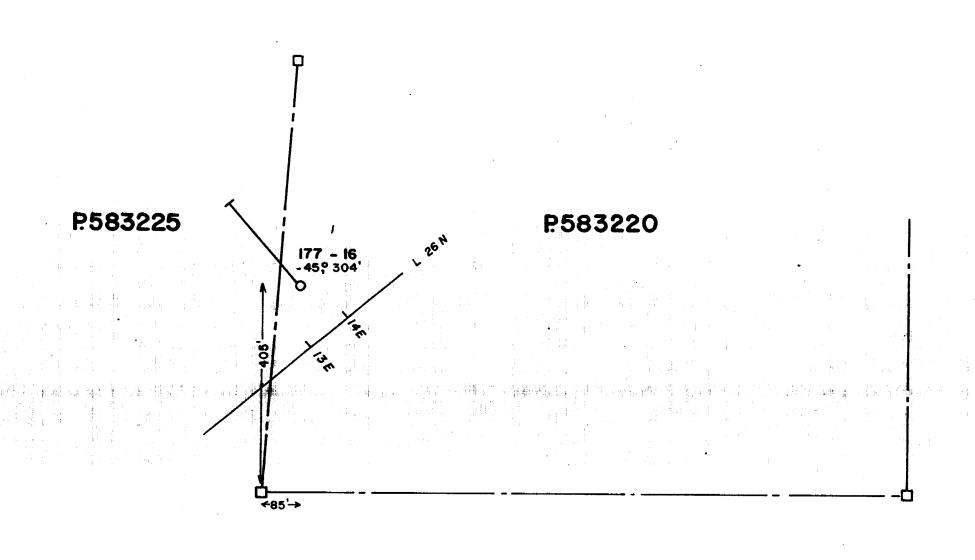


PROJ. 177 MACKLEM & THOMAS TWP.ONT.

DDH LOCATIONS

	SCALE				DWG. No:
-	1"= 200	JULY 1984	T.S.	42-A -7	177-26



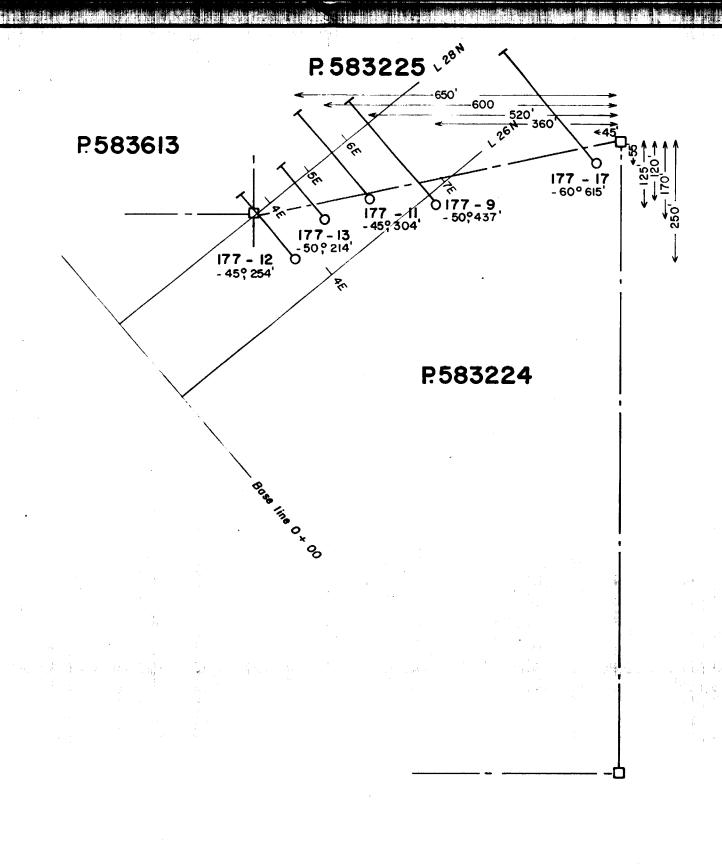


PROJ. 177 MACKLEM & THOMAS TWP, ONT.

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:

1"= 200 JULY 1984 T.S. 42-A-7 177-27



PROJ. 177 MACKLEM & THOMAS TWP, ONT.

DDH LOCATIONS

1"= 200 JULY 1984 TS. 42-A-7 177-28



900

Name and Postal Addres

DOME EXPLORATION (CANADA) LIMITED

Prospector's Licence No.

A.21304

P.O. Box 270, Suite 2700, 1 First Canadian Place, Toronto, Ontario Summary of Work Performance and Distribution of Credits Total Work Days Cr. claimed Mining Claim Work Days Cr. Mining Claim Work Days Cr. Mining Claim Work Days Cr. Profix Number Prefix Prefix Number Number 3550 for Performance of the following ATTACHED SCHEDULE SEE work. (Check one only) Manual Work CNTARIO ICAL SURVEY Shaft Sinking Drifting or other Lateral Work. ASSE FILES HESE DEFICE Compressed Air, other Power driven or mechanical equip. Power Stripping Diamond or other Core drilling Land Survey P.583218, P.583220, P.583221, P.583225, P.583612 All the work was performed on Mining Claim(s):

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below) Hole No. Length Dates

s de la companya de la companya de la companya de la companya de la companya de la companya de la companya de		2
177-1	417 <b>'</b>	July 8-12, 1983 -P-5836/2
177-2	317 <b>'</b>	July 13-14, 1983 - P- 583 725
177-3	2071	July 14-15, 1983 -P-5836174
177-5	385 ¹	Aug. 2-5 1002 - P- 508 318 W
177-6	877 <b>'</b>	July 16-23, 1983 P- 58322001221
177-7	585'	July 24-26, 1983 P 583 221 (1980)
177-8	762'	July 24-26, 1983 P-583 221 July 27-Aug. 2, 1983 P-583
		AUG 2 4 1963
All core A.Q.	•	AUG 4 2 Page 1

Drilling by N. Morissette Diamond Dribbling CONSION Haileybury, Ontaria

Receipt No.

Jo 4 4 1983 7,8,9,10,11,12,1,2,3,4,5,6

August 17, 1983

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying

L. B. Halladay, P.O. Box 270, Suite 2700, 1 First Canadian Place, Toronto, Ont. M5X 1H1

**Date Certified** 

Certified by (Signature)

August 17. hments Required by the Mining Recorder

lable of information/Atta	chments Required by the Mining Recorder		
Type of Work	Specific information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work			
Shaft Sinking, Drifting or other Lateral Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and
Compressed air, other power driven or mechanical equip.	Type of equipment	With dates and near a single property	extent of work in relation to the nearest claim post.
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	nearest ciaim post.
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	done.	Work Sketch (as above) in duplicate
Land Survey	Name and address of Ontario land surveyer,	NII	NII

## SCHEDULE OF CLAIMS

Claim No.	Work Days Cr.	Claim No.	Work Days Cr.
P.530310	80	P.583622	40
P.530311	80	P.583623	40
- ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		P.583624	40
P.583206	40	P.583625	40
P.583207	40	· "	
P.583208	40	P.583627	40
P.583209	40	P.583628	40
P.583210	40	P.583629	40
P.583211	70	P.583630	40
P.583212	80		
		P.583641	40
P.583215	80	P.583642	40
P.583216	80	P.583643	40
P.583217	80	P.583644	40
P.583218	80		
P.583219	80	P.583797	80
P.583220	80	P.583798	80
P.583221	80	P.583799	80
P.583222	80	P.583800	40
P.583223	80	P.583801	80
P.583224	80	P.583802	80
P.583225	80	P.583803	80
P.583611	80	P.583805	40
P.583612	80	P.583806	80
P.583613	80	P.583807	80
P.583614	80	P.583808	80
P.583615	80	P.583809	80
		P.583810	40
P.583616	40	P.583811	40
P.583617	40	P.583812	40
P.583618	40	P.583813	80
P.583619	40		
P.583620	40		
		•	

58 dains.