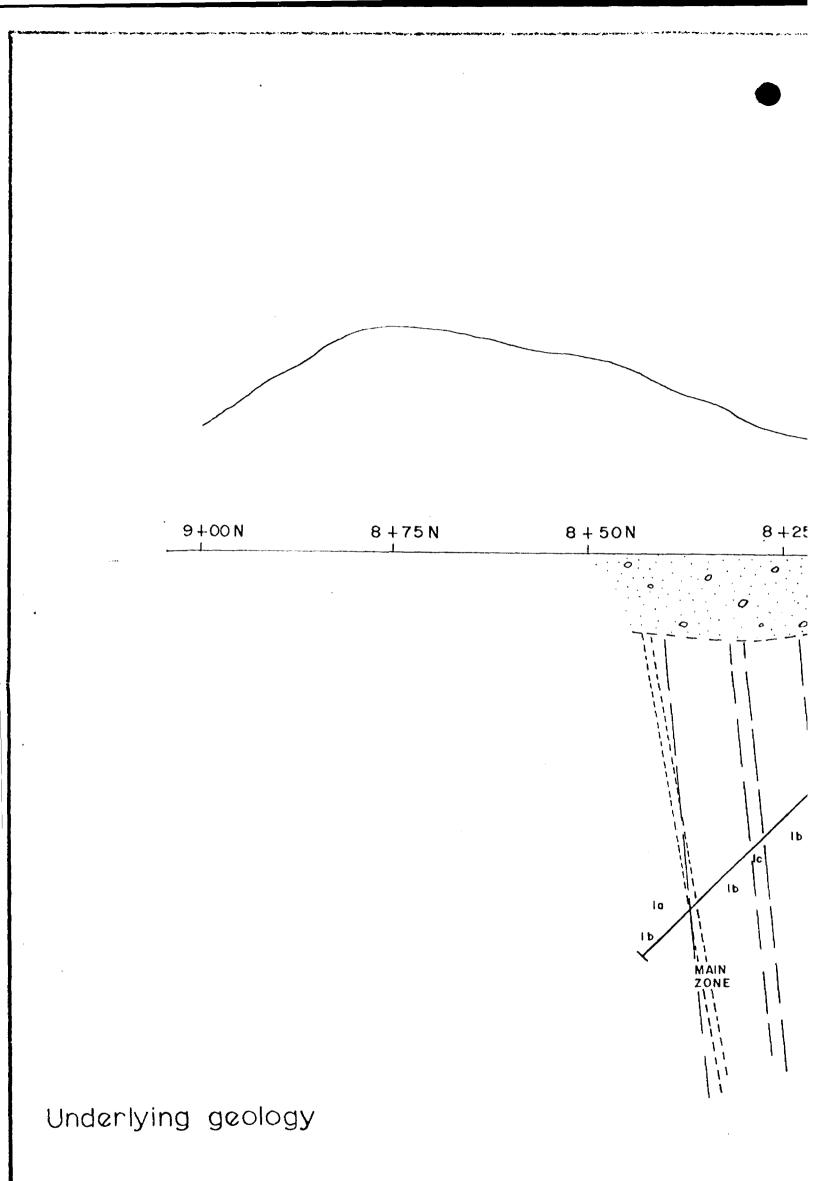
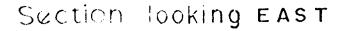


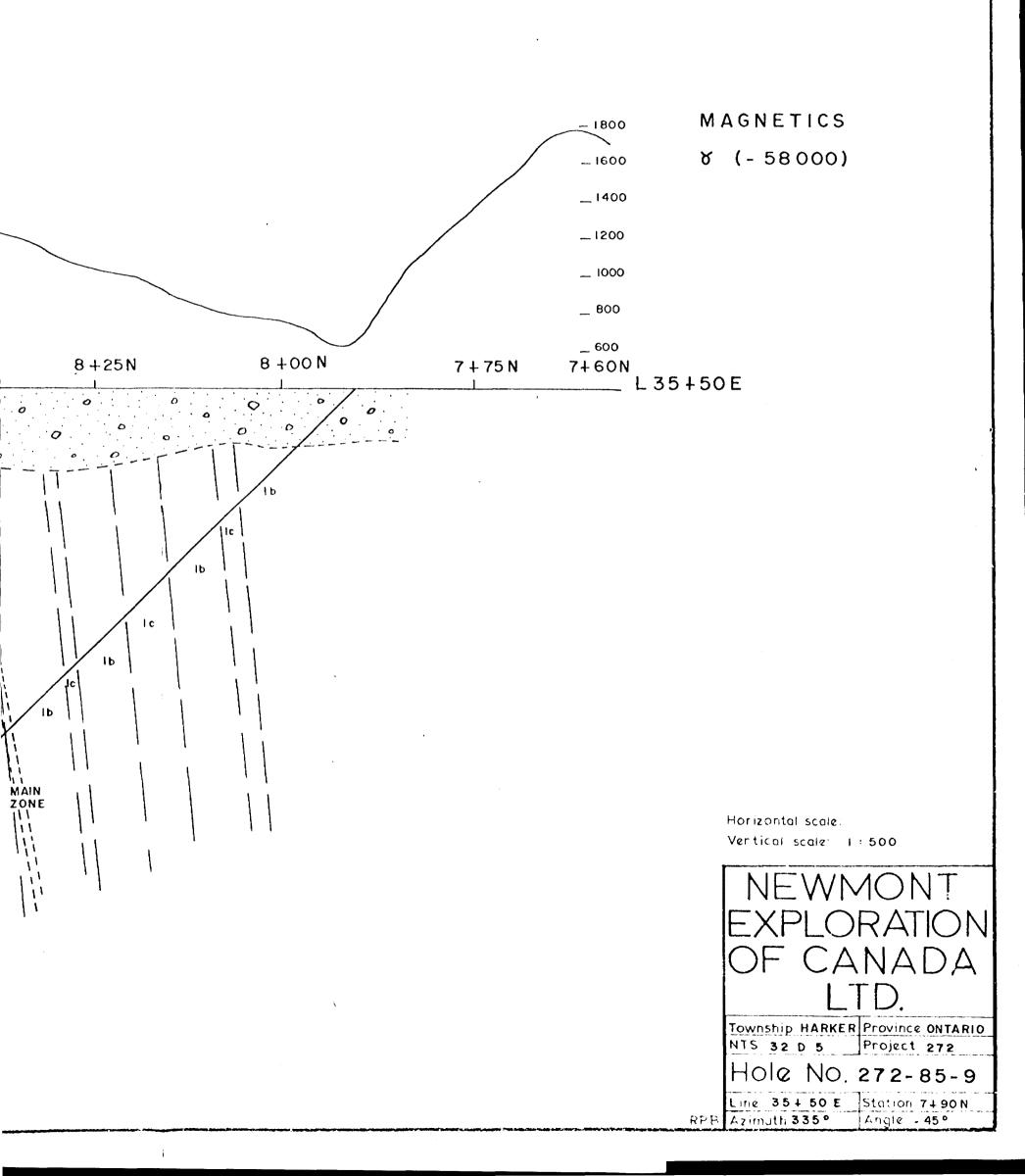
DIAMOND DRILLING

Township: Ha	arker		Report No:	43
Work Perform	ED FOR: Donald 1	F. Hurd		
Recorded Holi	DER: SAME AS AN : OTHER [ ]	BOVE [x]		
CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
ь 599067	272-85-9	245'	Aug/85	(1)



Purpose of drill hole





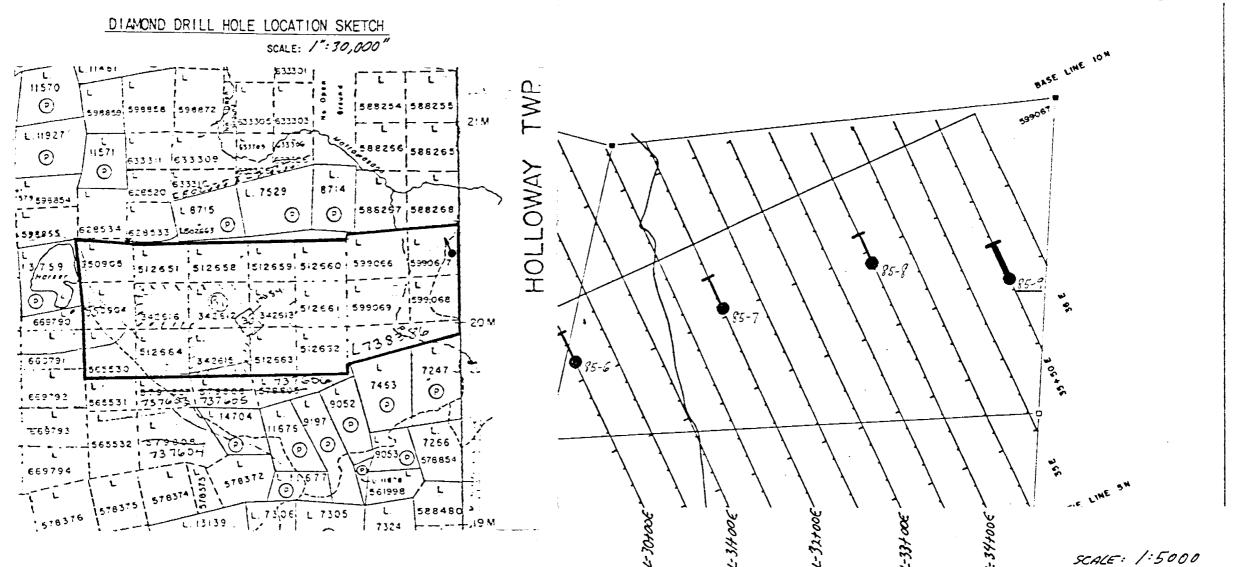
PROJECT HARKER - 272

### DIAMOND DRILL HOLE RECORD

HOLE No. 272-85-9

LCCATION	DIP TEST	LEVEL Su	urface	HORIZONTAL COMPONENT	52 5 m	DATE STARTED Aug. 24, 1985
AREA or TWP. Harker Twp.	FOOTAGE RECORDING CORRECTE	ED		VERTICAL COMPONENT	52.5 m	DATE FINISHED Aug. 25, 1985
CLAIM No.	<u>045</u> °	ELEVATION		BEARING	335 <sup>0</sup>	LOGGED BY M.I. Jones
t,599067		LATITUDE 7+	+90N	LENGTH	245'	PURPOSE to intersect
NTS 32D/5 UTM		DEPARTURE L3	35+50E	CORE LOCATION	Timmins	mineralized zone in trend TOT. RECOVERY at east bounda

99% of property on L35+50.



DIAMOND DRILL HOLE LOG

PROJECT HARKER - 272

HOLE No. <u>272-85-9</u> Page\_1\_of\_4

F001	TAGE	ROCK TYPE AND DESCRIPTION	CORE	\$		SAMPL	E			Ana	Analytical Result:						
FROM	то	(alteration, structure, mineralization)	ANGLES TO	SULPH-	NUMBER	FROM	то	LENGT	Au	Cu	Pb						
			AXIS						<u>ippb</u>	ppn	ppr	h					
0	36.0	CASING						<u> </u>									
								<u> </u>				ļ	ļ				Ļ
36.0	72.6	MASSIVE BASALT		_2	21621		55.0	-	4	116	+					<u> </u>	_
		-medium to coarse grained, dark green, chloritic			21622	64.0	65.0	1.0		50	22	0.025	i				<b> </b>
		phenocrysts				ļ		<u> </u>	<b> </b>	ļ		ļ	ļ	<b> </b>			₋
		-quite fractured locally		· · · · · · · · · · · · · · · · · · ·	· •·			ļ	<b> </b>		<u> </u>			┨──┤			∔
		<u>-epidote alteration guite common, especially</u>						ļ		ļ	ļ			<b> </b>			1
		associated with veins						ļ	<u> </u>		<b> </b>		ļ	<b> </b>			
		-quartz-calcite veining, with hematite and pyrit	e					ļ	L	ļ				<b>  </b>			$\vdash$
		-2% pyrite, as disseminations throughout,						<b> </b>	<u> </u>	ļ				┞──┼			<u> </u>
		concentrated in small vein/breccia zones						<b>_</b>	ļ								<b>_</b>
		-lamprophyre dykelets appear throughout				·		<u> </u>	ļ			<b>_</b>	ļ				L
		-also, small fine grained bands, with chlorite								ļ			<u> </u>				L_
		phenocrysts-dykelets?						ļ		ļ	L		L				
		<u>46.7-52.6 - lamprophyre dyke, brownish, hematite</u>						1									
		-core is broken locally								<u> </u>							$\vdash$
<u></u>		-some veining						ļ		ļ	ļ			<b> </b>			<u> </u>
								ļ				ļ					
72.6	84.1	PILLOW BRECCIA BASALT		1-2				ļ									$\vdash$
		-large distorted clasts, variolitic texture						ļ	· ·								
		seen locally									<b></b>						∟
		-matrix is hyaloclastite considerable epidote						L			ļ						
		alteration															<b>_</b>
		-calcite and quartz also in matrix															
		-quartz-calcite veinlets throughout, quite					•							<b> </b>		· · · · · · · · · · · · · · · · · · ·	$\vdash$
		irregular															<b> </b>
		-1-2% pyrite, in matrix mostly						ļ						┝╼╾┥			<b> </b>
											ļ						<b> </b>
84.1	116.6	MASSIVE BASALT FLOW		1				ļ	<b></b>	<b> </b>					<u></u>		<b> </b>
		-dark green, fine grained at top to medium grain	ed								<u> </u>		L		<del>.  </del>		$\vdash$
		at base													<u> </u>		L
		-vesicular flow top, calcite and chlorite								L				┝──┟			┣_
		amygdules						ļ				i		-			┡
														┝───╄			
		·														·	$\vdash$
																	L

# DIAMOND DRILL HOLE LOG

 PROJECT \_\_\_\_\_\_\_
 HARKER - 272

 HOLE No. \_\_\_\_\_\_
 272-85-9
 Page \_\_\_\_\_\_

	TAGE	ROCK TYPE AND DESCRIPTION	CORE	5	SAMPL					lytica		ult:		
FROM	то	(alteration, structure, mineralization)	ANGLES TO AXIS	SULPH- I DES	FROM	то	LENGT	Au	Cu	Pb ppn				-
					 <u> </u>	<del></del>	+	990	<u>pp</u> ii		<u> </u>		 	┢━━
		-magnetic, except near upper contact												
		-quartz-calcite veining continues, still quite											 	
		irregular, often with epidote											 	
		-chill margin at base of interval	L											
		-1% pyrite, as disseminations, associated with amygdules			 								 	<b> </b>
+					 		+						 	
116.6	143.1	VARIOLITIC PILLOW BRECCIA BASALT		2									 	
		-generally clast dominated, some quite large										<u> </u>		
		variolitic pillows												
		-matrix is hyaloclastite, chlorite, epidote, min	or_											
		calcite, guartz												
		-2% pyrite, usually in matrix of the breccia											 	
		-non-magnetic unit												
		116.6-117.0-small cherty band at top of interva											 	
		-with chlorite and pyrite - cherty rhyolite?												
		196.6-contact at	58 <sup>0</sup>										 ·	
143.1	173.0	MASSIVE BASALT FLOW		1-2	 									
		-dark green, magnetic												
		-vesicular flow top with chill margin at upper												
		contact			1 7									
		-calcite-chlorite, minor pyrite amygdules												
		-leucoxene visible where flow is more coarse gra	ine	1		•								
		-chill margin at base of flow												
		-calcite-quartz-epidote veins throughout												
		-1-2% pyrite, as disseminations and in veinlets.												
		fractures												
173.0	180.6	VARIOLITIC PILLOW BRECCIA BASALT		2		•	<b> </b>						 	
		-large pillows, fragments, with hyaloclastite			 <b> </b>								 	ļ
		matrix			 		<b> </b>						 	
		-lots of epidote alteration in the matrix.											 	Ļ
					I							1		

## DIAMOND DRILL HOLE LOG

 PROJECT \_\_\_\_\_\_\_
 HARKER \_\_\_\_\_\_
 272

 HOLE No. \_\_\_\_\_\_
 272-85-9 \_\_\_\_\_\_
 Page \_\_\_\_\_\_
 0f \_\_\_\_\_

FOOTAG	-GE	RUGN ITTE AND DESCRIPTION 1	CORE	5	L	SAMPL	LE	<b></b>		Anat	lytica	al Res	sult:			
FROM	то	(alteration, structure, mineralization)	TO	I DES	NUMBER	FROM	то	LENGTI	Au	Cu	Pb_	<b></b>	<u> </u>	<b></b>		_
		J'	<b>A</b>	<b>↓</b> !	<b></b>	<u></u> _	<u>+</u>		ppb	ppm	n ppn	4	<b></b> '	<b>+</b>		_
			<b>←</b> ′	<b> !</b>		<b> </b>		<u>↓</u> ′	<b></b> !	↓/	←'	<b> </b>	<b></b> '	<b>↓</b>		_
		rimming clasts	<b> </b> '	′	<b> </b>	<b></b>	<u> </u>	<u> </u>	<b></b>	<b>↓'</b>	<b>↓</b> ′	<b> </b>	' '			
		some_calcite, chlorite and quartz, also in matr	tix_'	<b></b>		ļ		ļ'	<b></b> '	$\vdash$	ı'	<b></b>	<b></b> '	<b></b>		_
		-non-magnetic	—′	$\square$			+	<u>ا</u> ا		<u>اا</u>	<b>↓</b> '	1	<u> </u>	<b></b>		
		-2% pyrite, as blebs in the matrix	<b>↓</b> '	ļ!	ļ			<u> </u> !			↓′	1	<u> </u>	+		
		J	<b> </b> '	ļ!		ļ!	ļ	<u> </u> !		Ļ!	·'	1	<u> </u>	<b></b>		
180.621	17.0	MASSIVE BASALT FLOW	<b> </b> '								' ا	<u> </u>	<u> </u>			
		<u>-generally very fine grained, small vesicles ove</u>	<u>*r</u> '								! سيبية	L	'			
		a long section from the upper contact	<b></b> '								·'	1	<u> </u>			
		<u>-dark green, magnetic, calcite, chlorite amygdul</u>	les_'								۱ <u> </u>		<u> </u>			
		-calcite-quartz-hematite-pyrite veinlets	<u> </u>		<u> </u>	<u> </u>					·'		<u> </u>			·
		186.0-208.5 - trace to 1% pyrite, usually	$\Box$ '	tr-1							()		' <u>'</u>			
associated with veinlets -calcite alteration increases downhole		$\square'$								$\square$	1	·				
			$\Box'$								·		·′		_	-
		208.5-211.8-intense calcite-quartz veining,	$( \_'$	2-3	21623	208.5	211.8	3.3	36	16	28	1	,	1	T	
		fractured basalt, strong calcite alteration,	1								,	1	7	1		
		2-3% fine grained pyrite	$\Box$							$\square$	·,	Í	1 7	1		, -
			(							1	1	<b></b>	· · · · · · · · · · · · · · · · · · ·			-
211.822	.24.0	MAIN ZONE?	1	3-5	21624	211.8	215.0	3.2	67	12	24	1	·	1		 
		-highly fractured, brecciated, altered basalt	$\Box$				217.0				the second s			1		-
		-intense to strong calcite alteration, some	$\Box'$				219.2						· · · ·	1		- 
		silicification			21627	219.2	221.6	2.4	56			1	, <u> </u>	1		-
		-dark grey, greyish green color, some minor					224.0									-
		bleaching	1	$\square$							1	1				
		-blackish bands, and reddish hematitic spots	$\Box$				-			1.1	·	1		1		
· — — — — — — — — — — — — — — — — — — —		-3-5% pyrite, mostly as fine disseminations.	(							1	,,	1		1		
· — — — —		also small masses			,						·,	1		1		
·		-generally non-magnetic, only locally magnetic									·	1		1		1
· — — — — —		yenerarry_non-magners									·	1	· · · ·	1		•
217.024	2 <u>45.0</u>	VARIOLITIC PILLOW TO MASSIVE BASALT	()		21629	224.0	229.0	5.0	19	22	1 30	1	· · · · ·	1		-
		-dark green, magnetic in massive seciton, fine	()					1 × × 1		1-24	, <del></del>	1		1.1	1.	
(		grained throughout	( +		1						·	1				
1		-pillows occur at top of interval, to approximate	101v								, <del></del>	1	<b></b>	1		•
(	<u> </u>	226.0	1 1								·	1		1		. '
			<b></b>			<u> </u>	1			<u> </u>	/ <del></del> +	í'			-	1
·			<u> </u>			<b>┟</b> ──────┘	<b>↓</b>		<b>├</b> ─── <b>१</b>	~~~ <del>`</del>	<del></del>	′	<b>↓</b>		-+	-

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### DIAMOND DRILL HOLE LOG

 PROJECT \_\_\_\_\_\_
 HARKER - 272

 HOLE No. \_\_\_\_\_\_
 272-85-9
 Page \_\_\_\_\_\_
 of \_\_\_\_\_\_

	F00	TAGE	ROCK TYPE AND DESCRIPTION	CORE	*		SAMPI	E				lytica		ult:				
	FROM	то	ROCK TYPE AND DESCRIPTION (alteration, structure, mineralization)	ANGLES TO AXIS	I DES	NUMBER	FROM	то	LENGTH	Au	Cu	Pb		ļ	ļ			
								<u> </u>	<u> </u>	ppb	ppm	ppm		<u> </u>		!	┝╼╼┥	
			magine conting is frequency stars and it			<u> </u>										!	┟╍╍╍╋	
			-massive section is fractured, strong calcite alteration falls off to weak by bottom of hole	<u> </u>					<b>-</b>					<u> </u>		<u>_</u>	┟╾╍╌╂	
•			-quartz-galgito voining is company and anidate				<u> </u>			<u> </u>				<u> </u>			┟╌╌╌╂	
			-quartz-calcite veining is common, some epidote											<u> </u>		Į	┢╾━╋	
			224.0-245.0 - trace to 1% pyrite as fine grained disseminations, also in fractures	· · · · · ·	tr-	F								<u> </u>			┢───╂	
			disseminations, also in fractures											<u> </u>			┢╼╼╾╋	
<u></u>	245 0		END OF HOLE														┝──╂	
	245.0		END OF HOLE														┢────╂	
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<b></b>			BA Tistint >>			<u> </u>	l							<u> </u>		·	┝──┤	
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P	Ministry of Rep Natural Resources of V	oort Vork	15/85					
	Name and	corded Holder	The Minin	32D05NW9337 43 H	ARKER	at de l'Emple I de 1999 d	900	
	Name and Donald F. Hur		HAL	n	I	<u>K 1178</u>	•	
				· · · ·		<u> </u>	0	
	<u>18 Taylor Ave</u> Summary of Work Performa	nue. Kirkland La	<u>ke, Onta:</u> lits	rio.				
	Total Work Days Cr. claimed 230	Mining Claim Prefix Number	Work Days Cr. Pre	Mining Claim fix Number	Work Days Cr.	Mining C Prefix N	laim Work lumber Days Cr.	
	for Performance of the followin work, (Check one only)	<sup>10</sup> L. 550904	30					
	Manual Work	550905	30					
	Shaft Sinking Drifting or	599066	30	4				
	other Lateral Work.	599067	20					
	Power driven or mechanical equip.	599068	20					
	Power Stripping	599069	20			•		
	Diamond or other Core drilling	738386	40	5 . *				
	Land Survey	565530	40					
	All the work was performed or	Mining Claim(s): 599067						
	Required Information eg:	type of equipment, Names, A	ddresses, etc.	(See Table Below)				
	<u>Hole No. C</u>	laim No. Dep	th D	ate Drilled	Da	ys Credi	<u>t</u>	
	272-85-9 L	.599067 24	5' Aug	. 24-25, 198	5	2 <b>3</b> 0		
un de la Regional de la companya de	Drilling Cont Heath & Sherw 34 Duncan Ave	racted To: F	ARIO GEOLOGIA SSESSMENT RESEARCH C JAN 1-3	FILES	EC18	AKE 1985 DIA 1213141516		
10 10 10 10	P.O. Box 998 Kirkland Lake P2N 3L3	, Ontario.	RECEIN	/ ED / 1818	The The	2.3141310		
		ACORDEDEC 16	1985		Ø	• • • • • • • • • • • • • • • • • • •		
		NO NO	in the second se	Dec. 9/19	085	Recorded Holde	r or Agent (Signature)	
	Certification Verifying Rep	ort of Work					THE C	
	· · ·	a personal and intimate knowled d/or after its completion and the	-	-	Work annex	ed hereto, having	performed the work	
	Name and Postal Address of Pe				<u> </u>			
	M. White, P.O	<u>. Box 1430, Timm</u>	ins, Ont	ario. P4N 7N Date Certified Dec. 9, 190	_	Certified by (Si	(nature)//	
	Table of Information/Atta	chments Required by the Mi	ning Recorder			<u>cur</u>		
	Type of Work	Specific information p	er type	Other information (Co	ommon to 2	or more types)	Attachments	
	Manual Work							
	Shaft Sinking, Drifting or other Lateral Work	Nil		Names and addresses manual work/operat with dates and hours	emqiupe be:	nt, together	Work Sketch: these are required to show the location and	
	Compressed air, other power driven or mechanical equip.	Type of equipment					extent of work in relation to the nearest claim post.	
<b>1</b>	Power Stripping	Type of equipment and amoun Note: Proof of actual cost mus within 30 days of racording.		Names and addresses together with dates y				
·	Diamond or other core drilling	Signed core log showing; foota core, number and angles of hol		done.			Work Sketch (st above) in duplicate	
	Land Survey 768 (81/3)	Name and address of Ontario I	and surveyer.	]	Nii		Nil	

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37540	\$637026	+		760966	760396	Г <b>.</b>	; · · · · · ·	865530		342615	512663	IN IN	Ľ	7247	
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138.27		1736844   		760968	71-204		669794	1	1 7376	04 )			90530	578854	
	1	<u> </u>	+	737980		<u>-</u>	669794	578375	578574	12010		<u>L-Y</u>	661998	L	-
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