

Diamond Drilling

Area West of Sunday Lake

Report Nº 20

Work performed by: Dome Exploration Ltd.

Claim Nº	Hole NQ	Footage	Date	Note
P 524490	157-16	600	Feb/84	(1)
	157-17	298	Feb/84	(1)
	157-18	300	Feb/84	(1)
P 524489	157-19	292	Jan/84	(1)
	157-20	312	Jan/84	(1)
	157-21	300	Jan/84	(1)
P 524376	157-24	392	Mar/84	(1)
P 524379	157-25	540	Mar/84	(1)
P 524606	157-26	407	Mar/84	(1)
P 524511	157-27	598	Feb/84	(1)
	157-28	594	Feb/84	(1)
P 524407	157-32	452	Mar/84	(1)

Notes: (1) #154-84 (Sunday Lake)

		E 69+90S; From collar 'N and 135'E Claim P.524490 DIAMOND	DRIII RE	CORD					HOLE		7-16	
AZIMUTH:	41, 010	N and 135 E Claim 1.524490	D.11122 1142	000			PROPERT	v: PRO	OJECT 15		17-10	
							- NOT ENT		nday Lak		rio	
DIP:	-54	• LENGTH: 600 feet ELEVA	TION:				CLAIM N		524490	e, onte		
	- 74	TENOM OUD TEEL ELLY					OLAIM II	•••••				
STARTED:	Feb	ruary 2, 1984 CORE SIZE: AQ SYSTE	M OF MEAS	URE: IMP	ERIAL		SECTION:					
COMPLETE	D: Feb		0' -46°4				LOGGED	8 Y: B	. Needha	m		
PURPOSE:	то	at 60 TEST THE LATERAL EXTENSION OF THE MAIN MINERALIZED ZO	0' -46°4 NE	5'			DATE LO	GGED:	Februar	y 3, 19	84	
FOOT	AGE			SAI	MPLE	····	Au	Ag	Cu	Zn	1	T
from	to	DESCRIPTION	No.	from	to	Length	dwt/ton	. ∩y	%	%		
0.00	44.1	CASING IN OVERBURDEN							1		1	
						1	<u> </u>		†		<u> </u>	†
44.1	78.3	MAFIC FLOW: with minor rhyolite tuff lenses,				1			-			
		locally garnetiferous - medium to dark grey green, fine grained, hardness 3 to 3-1/2, moderately										
		chloritized, massive to thinly foliated at 55° to				<u> </u>			1		1	<u> </u>
		the core axis, minor dacitic (?) horizons, lower				1	**************************************		1		1	1
		contact is gradational.							T	1	1	
		rhyolite tuff: Light green to grey, very fine										
		grained matrix with fine grained clasts, hardness										
		> 5, sharp upper and lower contacts at 55°-65°.							I			
					L							I
		56.7-58.4: 30% rhyolite tuff; 3%-5% quartz	81103	56.7	58,4	1,7	Ni1					
		stringers in the basalt.								L		
						_						
		62.7-64.1: Lightly bleached intermediate band	81104	62.7	64.1	1.7	N11					
		with 1%-2% pyrite, 2% quartz carbonate stringers.	· · · · · · · · · · · · · · · · · · ·	 		ļ	<u> </u>		ļ. <u>.</u>	<u> </u>		<u> </u>
	<u> </u>				.					1		1
	ļ	69.3-70.5: 0.2' quartz-biotite vein.	81105	69.3	70.5	1.2	N11				ļ	ļ <u>.</u>
				<u> </u>			ļ					
78.3	165.2	MAFIC FLOW and/or TUFF with intermediate to acid			ļ <u> </u>		ļ		 			
		tuff lenses - medium to dark grey green to grey,		 	ļ	 	 -	 		ļ		<u> </u>
	 	fine grained, hardness 3-1/2 to 4-1/2, generally thinly foliated, slight to moderate schistosity			_	 -	 		ļ ·		ļ	1
	 	at 55°, locally lightly silicifed, trace-5% car-			 	 	 			† · - ·	+	+
	 	bonatized bands, core is slightly blocky, lower		 	 	 	 		·	t	+	+
J	} 	contact at 53°.		t	 	<u> </u>	 	ļ- -		t	 	
	L	1					aller a community of the con-	4	A Lancas Company of the	1		

DIAMOND DRILL RECORD

HOLE No: 157-16

PAGE NE: 2 of • 11

F00	TAGE	DESCRIPTION		SA	MPLE			Reassay		Zn		
from	to	DESCRIPTION	N9	from	to	Length	lwt/ton	dwt/ton	%	%		
		Intermediate tuff - lapilli tuff; light grey, fine										
		grained with medium to coarse grained quartz		<u> </u>								
	<u> </u>	clasts elongated parallel to foliation at 55°-60°,	· · · · · · · · · · · · · · · · · · ·									
		clasts frequently have garnets associated with										
	<u> </u>	them, thin rhyolite bands within this unit are		<u> </u>	<u> </u>							L
	ļ	common, lightly foliated, trace pyrite.			ļ	ļ	ļ			ļ		·····
	ļ	07 / 00 1. 10% 15%	01106	 	00.1	 		-				
	 	87.4-89.1: 10%-15% carbonatized bands with	81106	87.4	89.1	1.7	Nil	 				
	 	1%-2% pyrite.				 	-			 		
	 	97.8-99.3: 0.5' quartz vein at 65° with	81107	97.8	99.3	1 5	0.04	0.04		├		
	1	1%-3% pyrite along the contact, 0.1' quartz vein	<u> </u>	77.0	1 77.9	1 * • • •	0.04	0.03		 		l
		with 1/2" chalcopyrite bleb and pyrite stringers	· · · · · · · · · · · · · · · · · · ·	<u> </u>		1						
		parallel to the contact.										
						İ		1				
		100.5-104.0: Intermediate lapilli tuff; trace to	81108	100.5	104.0	3.5	Nil					
		1% pyrite.										
		109.8-111.0: Siliceous band, 2% quartz stringer,	81109	109.8	111.0	1.2	N11			<u> </u>		
 	ļ	blocky core,	·	ļ			ļ			!		ļ
	 				ļ		ļ	ļi		<u> </u>		ļ ———
	 	Note: at 116', 4' of ground core,			 	 				ļ		
	 	120.6-121.8: Intermediate lapilli tuff.					<u> </u>				<u> </u>	
		142.1-142.9: Moderately siliceous, 2% quartz	81110	142.1	142.9	0.8	Nil		·	.		ļ
	1	veinlet.				ļ	 	ļ		_		
	<u> </u>			<u> </u>		ļ		ļ		ļ	├ ──	
		155.0-156.5: Intermediate lapilli tuff, 1% pyrite,	81111	155.0	156.6	1.6	0.04	 		ļ	 	
	 	2% quartz stringers.		 	 	 	 			 	 	
165,2	228.3	MAFIC TUFF with minor flows and RHYOLITE TUFF			1	 	 			 	 	
100,2	1440.3	LENSES dark grey to grey green, fine grained		1			1			1	<u>† </u>	
	 	hardness 4 to 4-1/2, 5%-40% carbonatized bleached		1								
	 	bands parallel to schistosity at 60°-65°, moder-			1		T				Ι	

DIAMOND DRILL RECORD

HOLE No: 157-16

PAGE NO:

3 **of ·** 11

F001	AGE	DESCRIPTION		SA	MPLE		Au	Reassay Au	Zn	1	Avg. Au
from	10	DESCRIPTION	Nº	from	lo	Length	dwt/ton	dut/ton	%		dwt/ton
		ately schistose, locally siliceous mafic tuffs(?)									
	<u> </u>	with feldspar blebs along foliation, trace-2%			<u> </u>			<u> </u>			
		pyrite localized in carbonatized (ankerite) bands.		<u> </u>	<u> </u>						
	ļ	Rhyolite tuff: light green to purplish grey, fine			<u> </u>						
		grained to very fine grained, hardness > 5, gross-		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>			
		ly foliation to thinly laminated, lamination at									
		57°, sharp contacts approximately parallel to			<u> </u>	ļ	ļ	<u> </u>			
		foliation.				ļ		L			4
	 				1	 					
	 	164.2-166.3: 1% quartz stringer, 5% carbonatized	81112	164.2	166.3	2.1	Nil	1			
-	ļ	bands, trace-1% pyrite.			 	 -	 	 			
		172.5-174.5: Mafic flow; 3%-5% quartz veinlets.	81113	172.5	174.2	1.7	Nil	1			1
	1	1,215 1, 151 1,220 1,201, 510 110 110 110 110 110				+		†			
	1	175.5-179.5: 10% carbonatized ± feldspar bands,	81114	175.5	179.5	4.0	0.10	0.04			0.07
		1% quartz stringers.									
		179.5-180.8: Rhyolite tuff; laminated with garnet									
							<u> </u>				<u> </u>
		183.2-186.3: 0.2' quartz feldspar vein, 10% thin	81115	183.2	186.3	3.1	0.04			_	
		carbonatized * feldspar bands.			ļ	ļ	ļ	 			
ļ					 	├	 				
<u> </u>		186.3-187.1: Rhyolite tuff; disseminated biotite.		 		├	 			-	
	 	107 1 100 0	01116	107 1	100.0	0.9	 ,,,				
	 	187.1-188.0: 25% carbonate blebs and stringers.	81116	187.1	188.0	0.9	N11	+			
 	 	100 0 100 0. Phys. 14 - 4.45	 	 	 	 	 	 			1
——		188.0-189.0: Rhyolite tuff.		 	 	 	 	 			
		189.0-191.8: 50% carbonatized bands, 2%-3% pyrite.	81117	189.0	191.8	2.8	Ni1	 	· · · · · · · · · · · · · · · · · · ·	- 	1
		localized in carbonatized bands.				1	 	1			
	 	10-alized in carbulatized bands.				1		1			
		191.8-192.2: Rhyolite tuff.			<u> </u>					1	
											1
	1	192.2-193.4: 20% carbonatized bands with 5%	81118	192.2	193,4	1.2	N11				
		feldspar blebs.									

DIAMOND DRILL RECORD

HOLE NO: 157-16

F00'	TAGE	DESCRIPTION		SA	MPLE		Au	Reassa	/ Cu	Zn	A	verag
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton	Au dwt/ton	%	%	d	Au wt/ton
	I	193.4-194.0: Rhyolite tuff.										
		197.6-201.7: Rholite tuff to agglomerate: 0.3										
		mafic tuff.				<u> </u>						
	ļ					l						
	ļ	201.6-203.0: 10% carbonatized bands, 5% quartz	81119	201.6	203.0	1.4	N11					
		blebs.			<u> </u>	<u> </u>						
	<u> </u>				ļ	ļ				ļ		
	ļ	205.1-209.1: 40%-60% carbonatized bands, trace-1%	81120	205.1	209.1	4.0	N11					
	ļ	pyrite, 1%-2% quartz stringers.	81121	209.1	213.8	4.7	0.04			ļ		
	ļ		81122	213.8	215.1	1.3	Nil	ļ		ļ		
	 				ļ							
	ļ	217.3-219.5: 50% carbonatized bands, 0.05' quartz	81123	217.3	219.5	2.2	Nil				ļ	
	_	vein.					ļ	ļ		ļ	\vdash	
	ļ				 	<u> </u>				ļ	 	
		224.7-228.3; 60% carbonatized bands, locally 2%	81124	224.7	228.3	3.6	N11					
	 	to 3% pyrite, 2% carbonate stringers.				ļ				 	├ ──┼	
200	1000			ļ	ļ	<u> </u>		}		ļ	 	
228.3	264.5	MAFIC FLOW ± TUFF: Similar to 78'-165' but with			 	}		1		.	 	
		no acid lenses: 2%-20% carbonatized bands.			 	 	 			 	}	
		schistosity at approximately 60°, lower contact at 58°.			 	 	<u> </u>	 	· · · · · · · · · · · · · · · · · · ·	 	╂╼╼═┼	
	 	at so.		ļ	 	 	ļ			 		
	 				 	 	 			 	} -	
	ļ	236.7-240.1: 10%-15% carbonatized bands, 1%-2%	81125	236.7	240.1	3.4	0.10	 			╂╼╼═┼	
	 	quartz stringers, trace-2% pyrite.				┼	 			 	 	
	 				 	 	-			 	 	
	<u> </u>	242.1-244.5: 3%-5% carbonate stringers, 0.1'	81126	242.1	244.5	2.4	Nil	-		 	 	
	 	quartz vein.			 	 	 	 		 	 	
	 	2/7 0 2/0 1a Daniel 51/2) 10% 15%	01107	047.6	10/0 -	1.1	10.10	 		 	 	
	 	247.0-248.1: Dacitic flow(?): 10%-15% quartz veins 2% pyrite, 1% pyrrhotite, 1/2 to 3/4" sphalerite	<u> 81127 </u>	247.0	248.1	 	0.40	0.28		 	 	0.34
	 			 	 	 	 	 		†	 	
	 	blebs.		-	 	 	 	1		 	 	
	 	251 5 252 0. 2%	81128	251.5	252.9	1.4	114.1	1		+	 	
	 	251.5-252.9: 2% quartz stringers, trace pyrite.	01178	431.3	1636.9	1.4	N11	 		 	 	

DIAMOND DRILL RECORD

HOLE N9: 157-16

PAGE NE:

F00'	TAGE			SA	MPLE		Αυ	Ao	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton	~9	%	%	}	<u> </u>
264.5	285.3	MAFIC TUFF: Carbonatized bands; dacitic flows/						-			†	
		dykes - dark grey green with light green carbon-										
		atized bands, fine to medium grained blebs in a										
		dominantly fine grained matrix, hardness 3-1/2,										
		50%-70% carbonatized bands parallel to schistosity										
		at 60°-70°, disseminated carbonate blebs common										
		in more intensely altered bands, lower contact at				<u> </u>						
		90°, 1%-3% carbonate stringers.										
		Intermediate tuff/dyke: uniform light to medium										
		grey, fine to medium grained, hardness 4-1/2 to 5,				.						
		massive to grossly foliated, sharp upper and lower	 	ļ	<u> </u>	ļ			ļ	 	ļ	ļ
		contacts at 60°-70°, some bands have trace pyrite.		ļ	ļ	!				ļ		<u> </u>
	ļ				ļ	ļ				ļ		<u> </u>
	ļ <u>.</u>	263.8-264.5: Intermediate tuff.		ļ	ļ					ļ	 	<u> </u>
	ļ				ļ	 				.	 	
		264.5-273.1: Mafic tuff; as above.	81129	265.5			N11			ļ <u> </u>	 	
			81130	270.4	273.1	2.7	Nil	<u> </u>	}	}	↓ -	}
	ļ				 				<u> </u>	ļ	<u> </u>	
	ļ	276.9-277.7: Intermediate tuff.		ļ	 	 -	 -		ļ	ļ	├ ──	
				ļ	 	 			 	ļ	 	├ -
	 	280.0-280.7: Intermediate tuff; trace-1% pyrite.	81131	280.0	280.7	0.7	N11		 	 		
	 		01100	200 3		 	 		 	 	 	
	-	280.7-282,5: Mafic tuff; as above, 0.1' quartz	81132	280.7	282.5	1.8	N ₁ 1		 -	 	 	
	 	vein.		 -	 	 	 		 	 	 	
	 	00/ (005 2) 7		 	 	 -	 	 		 	╅───	
	 	284.6-285.3: Intermediate tuff.		 	 	 	 		<u> </u>	 	 	
285.3	424.0	MAFIC TUFF: Carbonate banded, and/or FLOW; minor	}	 	-TOCAT	IV LICH	TLY MAGN	RTIC-	1	1	†	1
203.3	1424.0	intermediate lenses - medium to dark grey green,		 	-LOUAL	di nigu	TEL PINGE	E1103	†	1	1	1
	 	fine grained, hardness 3-1/2 to 4-1/2, 5%-40% car-		†	†	 	† — — -		†	<u> </u>		T
		bonatized bands parallel to schistosity at 60°-65°,										
		Trace-3% carbonate blebs or stringers, locally		ļ						ļ		↓
		lightly magnetic.			<u> </u>	<u> </u>	<u> </u>			<u> </u>		
						ļ				ļ	ļ	
	1			<u> </u>				<u>L</u>		<u> L</u>	1	<u></u>

DIAMOND DRILL RECORD

HOLE NO

157-16

PAGE NO: 6 of • 11

FOOTAGE	DESCRIPTION		SA	MPLE		Au	Rerun Au	Cu	Zn		
from to	DESCRIPTION	N9	from	to	Length	wt/ton	dwt/ton	%	%		
	Intermediate to acid tuffs, light to medium grey,										
	fine grained locally with medium grained elongated										Γ
	clasts, some bands are only grossly foliated,										
	sharp contacts with adjacent mafic volcanics.										
	285.3-303.4: Moderately siliceous, fine grained	81133	285.3	288.3	3.0	Nil					
	subunit, medium to dark grey with light green	81134	293.7	294.7	1.0	N11					
	carbonatized bands with irregular quartz-feldspar	81135	295.1	296.6	1.5	Ni1					
	blebs: 0.1 to 0.2' quartz veins at 285.5', 295.9';				I		I I				Γ_{-}
	trace to 2% quartz stringers, 30% rhyolite tuff in										Γ
	sample 81135										
	304.6-305.9: 3%-5% carbonate blebs and stringers	81136	304.6	305.9	1.3	Nil			Ţ		T
	10%-20% carbonatized bands.										
	309.9-310.4: Intermediate tuff; massive.										Γ_{-}
	310.4-312.2: Similar to 304-305.	81137	310.4	312.2	1.8	Nil					
	315.9-317.4: Similar to 304-305.	81138	315.9	317.4	1,5	Nil					Γ_{-}
											Γ_{-}
	319.1-319.6: Intermediate tuff.				I					I	Γ_{-}
										I	Γ
	327.7-328.2: Intermediate tuff.				}				I		I
									1		\perp
	328.8-335.5: 40% carbonatized bands; 10%-15%	81139	328.8	333.3	4.5	Nil					
	irregular carbonate ± quartz stringers.	81140	333.3	335.5	2.2	N11					
	335.5-346.6: Massive flow; grossly foliated,	81141	341.7	342.7	1.0	0.04	0.04				
	biotite is moderately disseminated through the										
İ	matrix, sample 81141 has 10% quartz carbonate										
	blebs.										
	346.6-348.2: Intermediate lapilli tuff; 1% quartz	81142	346.2	348.2	2.0	Nil					
	stringers, trace pyrite.		T	1	7	T	T 1				

DIAMOND DRILL RECORD

HOLE NO: 157-16

									PAGE	N2 : 7	of · 11	
	AGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn	T	
rom	10		ΝŶ	from	to	Length	dwt/ton		%	%		<u></u>
	ļ	348.2-349.8: Similar to 304'-305'.	81143	348.2	349.8	1.6	N11					\Box
		355.6-355.9: Intermediate tuff.	7-7-1									
		360.4-361.6: 10% carbonate blebs.	81144	360.4	361.6	1.2	N11					
		361.6-361.9; Intermediate to acid tuff.										<u> </u>
		363.1-363.7: Intermediate tuff.										
		368.4-369.7: Similar to 304'-305'	81145	368.4	369.7	1.3	Nil				 	
		376.4-377.9: 75% rholite tuff-lapilli tuff; 10% quartz stringers and blebs.	81146	376.4	377.9	1.5	Ni1					
		384.5-384.9: Intermediate tuff.										上
		397.2-400.5: 5% quartz veinlets, trace-1% pyrite.	81147	397.2	400.5	3.3	Nil				1	\vdash
		402.8-405.0: 30% carbonatized bands, 2% quartz veinlet.	81148	402.8	405.0	2.2	N11					<u> </u>
		405.0-410.1: 70% carbonate bands, 5% carbonate stringers.	81149	405.0	410.1	5.1	Ni1					
		412.5-416.5: 5% quartz veins, 3% carbonate	81150	412.5	416.5	4.0	Ni1		-		 	\perp
	-	stringers, minor magnetic band, biotite rich.			100 5							#
		418.4-420.3: 3%-5% quartz stringers, 5% carbonate + feldspar blebs, 1%-2% pyrite, biotite rich.	81151	418.4	420.3	1.9	N11					+
		420.3-424.0: 30% thin carbonatized bands, 3% quartz stringers, biotite rich, 0.3' dacite tuff	81152	420.3	424.0	3.7	N11					\perp
		band, trace pyrite.			 		 	├ ──	 	 		+-

DIAMOND DRILL RECORD

HOLE NO 157-16

PAGE N2: 8 of • 11

FOOT	AGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn	-	·
from	10	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%		ĺ
424.0	493.9	BASALT: Minor intermediate to acid tuff lenses	-LOCAI	LY LIGHT	LY MAGNI	TIC-						
		- dark green, fine grained, hardness 3-1/2; thin,										
		faint foliation at 60°; biotite disseminated										
		through the matrix, locally lightly magnetic,										
		upper contact is sharp approximately at 90°(?),										
		lower contact at 62°, upper 6.1' is massive										
	<u> </u>	medium grained flow.										
	<u> </u>											
	ļ	430.1-431.6: Rhyolite tuff to agglomerate, biotite	81153	430.1	431.6	1.5	Nil					
	ļ	flakes outline the medium to coarse grained elong-								<u> </u>		
		ated clasts.									<u> </u>	
	ļ											<u> </u>
		433.6-434.8: 1/2" low angle quartz veinlet.	81154	433.6	434.8	1.2	Nil			<u> </u>	<u> </u>	
	<u> </u>											
		451.0-452.0: 0.1' quartz bleb.	81155	451.0	452.0	1.0	Nil			ļ	ļ	ļ
	ļ				ļ	ļ				<u> </u>	<u> </u>	
	ļ <u>.</u>	467.3-468.2: Rhyolite lapilli tuff to agglomerate	81156	467.3	468.2	0.9	Nil				ļ	<u> </u>
	.									ļ	ļ	<u> </u>
	ļ	482.3-483.2: 30% rhyolite tuff; 20% guartz blebs.	81157	482.3	483.2	0.9	Nil				<u> </u>	↓
				ļ		<u> </u>				ļ	.	
	↓	486.5-487.7: Intermediate tuff or dyke: moderate-								ļ	ļ	
		ly magnetic, contacts at 60°-70°; as described		 		ļ				-	 	
	↓	below.		ļ			ļ			.		
	 					 			<u></u>	├	ļ	
	<u> </u>	491.2-493.9: 2%-3% pyrite and 1%-2% pyrrhotite,	81158	491.2	493.9	2.7	Nil	ļi			 	
	ļ	biotite rich.			.	ļ	ļ			 	 	
	ļ	<u></u>		 	ļ	ļ				∔	 	
493.9	517.0	INTERMEDIATE TUFF or FLOW with mafic tuff lenses		-LI	CHTLY TO	MODER	TELY MA	GNETIC-		 	1	
	ļ	- uniform medium grey, fine grained, faint foli-			ļ	 	 			 	 	┼──
	 	ation, moderately schistose defined by alignment				 				 	 	+
	 	of biotite flakes, lightly to moderately magnetic,				 	 			 	 	
		1%-10% quartz veinlets - blebs commonly with		 	 	 	 			 	- 	
		biotite and chlorite selvages + trace-1% pyrite,		 	 	 	 			1	+	+
	 	quartz veinlets subparallel to schistosity at 70°.		 	 	 	 			 	 	+
	<u>l</u>	lower contact at 78°.	L	I	l	1	l		·	1	_L	

DIAMOND DRILL RECORD

HOLE N9: 157-16
PAGE N9:

FOC	TAGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		
from	10	DESCRIPTION	Nº	from	to	Length		~~	%	%		1
		493.9-499.5: 5% quartz veinlets.	81159	493.9	497.0	3.1	N11					
			81160	497.0	499.5	2.5	Nil					
	ļ											
		499.5-502.0: 40% quartz impregnated bands, 1-3%	81161	499.5	502.0	2.5	Nil					
		pyrite.										
	1	502.0-505.3: 0.6' rhyolite band; 10%-15% quartz	81162	502.0	505.3	3.3	Ni1					
	<u> </u>	stringers and blebs, 1%-2% pyrite.									<u> </u>	
	ļ											
	<u> </u>	505.3-510.9: Mafic tuff or flow, 0.2' rhyolite				<u> </u>				<u> </u>		<u></u>
		tuff band.							<u> </u>		<u> </u>	<u> </u>
	ļ								<u> </u>		L	
		510.9-514.3: 15% quartz veinlets, 1% pyrite.	81163	510.9	514.3	3.4	Nil		<u> </u>		<u> </u>]
	ļ					ļ			<u> </u>			
	<u>.</u>	514.3-517.0: 5%-10% quartz veinlets, trace pyrite	81164	514.3	517.0	2.7	Nil		 	1	 	
517.0	538.0	MAFIC TUFF ± FLOW: Schistose, locally bleached.				 	 		 	 	 	
7110	1 333.0	- light to dark green, fine grained, hardness			1	†						
	1	3-1/2 to 4-1/2, grossly foliated to thinly foli-			1				1		1	
		ated, schistosity at 62°, upper 8.4' is a very						-	1	1		
		fine grained flow; lightly to moderately bleached										
		zones in tuffaceous rocks, pyrite and pyrrhotite										
		in the lower 4' above the dacitic lense is associ-									1	T
		ated with moderate to heavy silicification and/or										
		carbonatization occurring generally parallel to										
		schistosity, lower contact at 62°.									<u> </u>	
										<u> </u>	<u> </u>	
		517.0-518.2: Mafic flow; 5% quartz stringers.	81165	517.0	518.2	1.2	N11				J	
	Į	530.3-532.6: Lightly bleached; 2% quartz veinlets	81166	530.3	532.6	2.3	NII		 		ļ	—
	 	533.7-536.2: Lightly to moderately bleached; 5%	81167	533.7	536.2	2.5	0.04		 	-	 	+
	+		01107	733.7	1 230.2	+===	 ••••		 	 	+	+
		quartz impregnated bands, 2%-3% combined sulphides			 	 	 	<u> </u>	†		+	+
	+	(i.e. pyrite + pyrrhotite).		 	 	 	+			+	+	+

DIAMOND DRILL RECORD

HOLE NO: 157-16

PAGE N2: 10 of • 11

FOOTAGE SAMPLE (eassa DESCRIPTION Āu Ău Ng from from Length dwt/ton dwt/ton % % dwt/ton 536.2-538.0: Moderately silicified with 3%-5% 81168 536.2 538.0 1.8 0.04 sulphides, minor bleaching, contact at 62°. 538.0 554.8 INTERCALATED ACID - INTERMEDIATE and MAFIC TUFFS -LAPILLI TUFFS: RHYOLITE: Similar to 44'-78' tuffs, lapilli tuffs are the most common in this unit. DACITE: Similar to 264'-285' dacite units. MAFIC TUFF: Similar to 517'-538'. Lower contact is quartz-chorite impregnated, contact at approximately 54°. 538.0-539.4: Intermediate tuff; 3% quartz vein-81169 538.0 539.4 1.4 0.04 lets mafic tuffs. 539.4-540.0: mafic tuffs; 15% quartz veinlets, 81170 539.4 540.0 0.6 0.04 2%-3% pyrite. 540.0-542.3: Rhyolite lapilli tuff; trace pyrite. 81171 540.0 542.3 2.3 0.04 81172 542.3-545.4: Moderately bleached mafic tuff; 5% 542.3 545.4 3.1 0.64 0.84 0.74 quartz impregnated blebs; 0.2' rhyolite tuff, trace-2% pyrite, biotite rich bands parallel to foliation. 524.4-547.1: 0.4' quartz + rhyolite band; inter-81173 545.4 547.1 1.7 0.04 mediate tuff, 3% quartz blebs. 547.1-548.2: Gabbro; as described below. 548.2-551.3: Rhyolite lapilli tuff to agglomerate 551.3 3.1 81174 548.2 Ni1 locally contorted, 0.3' mafic tuff, 0.2' quartz bleb. 81175 | 551.3 | 554.8 | 3.5 | 0.04 551.3-554.8; Rhyolite tuff; purplish grey, 3%-5%

DIAMOND DRILL RECORD

HOLE Ng: 157-16

PAGE Nº:

11 of · 11

F00'	CAGE	DESCRIPTION		SAI	MPLE		Au	Aq	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%		1
		quartz blebs and stringers.										
554.8	596.1	GABBRO: Heavily chlorite and biotite altered,	<u>M</u>	DERATELY	to STR	NGLY N	AGNETIC					L
	ļ	schistose - dark green, medium grained, hardness										
		3, moderately schistose, heavily chloritized and							 _			
		biotite enriched, lower contact at 71°, moderately					 			.		
		carbonatized (ankerite), massive to grossly foli-		ļ	ļ		ļ		ļ			
		ated at 36°, 0.4' rhyolite tuff band at 588.5'.		ļ		 	Ļ			ļ		
	 			 	} 	 	}		}	}	 	 -
	 	569.3-571.1: 0.3' quartz vein with biotite	81176	569.3	571.1	1.8	0.04		 	 		
	 	selvages.		 -	ļ	 	{ -		├	 	ļ	
596.1	600.0	DUVALTED LADITAT MUDD. 11-1.			ļ	 	 		 	 		
390.1	600.0	RHYOLITE LAPILLI TUFF: Light to medium greyish purple, hardness > 5, fine grained with medium		 	}	 -	 		 	 	\ <u>-</u>	i
	 					 	├─ ─		 	 	 	
	 	grained clasts, disseminated biorite parallel to foliation at 64°, 0.5' mafic flow(?) band at		 -		 	 		ł	 		
	 	597.5', 2%-3% quartz veinlets.		 	 	 	1		 	 	 	
	 		· · · · · · · · · · · · · · · · · · ·	 	<u> </u>	·	 		 		<u> </u>	<u> </u>
	 	596.1-600.0: As above.	81177	596.1	600.0	3.9	_N:1		 		 	
	†	570:1-000:01 AS above:	BILIT	130.1	000.0	1-3-3	1-8					
	600.0	END OF HOLE	· · · · · · · · · · · · · · · · · · ·		<u> </u>						† ·	
	100.0			 								
		No significant radioactivity or fluorescence										
		All casing was left in the hole.		[
											<u></u>	
		Core stored at Dome Mine Property							<u> </u>	<u> </u>		<u> </u>
		South Porcupine, Ontario					1			<u> </u>	<u> </u>	<u> </u>
	ļ				ļ	<u> </u>	ļ		ļ	 	 	
		Drilling by Bradley Brothers Ltd.	·	<u> </u>	 	ļ	 		 	 	 	
	1	Noranda, Quebec				ļ	ļ		\	\	1	↓
		6 Menthan	ļ	 	 	 	 		↓	 	 	
	<u> </u>	D'Ilesson	ļ		ļ	ļ	ļ		 	 	 	┼
			<u> </u>	 	 	 	 	 _	 	 	 	—
	<u> </u>		l	1	<u> </u>	<u> </u>		<u></u>		ــــــــــــــــــــــــــــــــــــــ	1	

to #1 I		0E 66+65S. From collar O'N and 595'E Claim P.524490 DIAMOND	DRILL RE	CORD					HOLE		7-17	
ZIMUTH	0°						PROPERT	Y: PRO	JECT 157			Ontar
MP:	-46°	LENGTH: 298' ELEYA	ATION:				CLAIM N					
STARTED	Febr	cuary 5, 1984 CORE SIZE: AQ SYSTE	EM OF MEA	SURE:	IMPERIAL	·	SECTION					
OMPLETED): Febr	uary 7, 1984 DIP TESTS (CORRECTED): at 29	8' -42')			LOGGED	BY: B	Needha	m.		
OF THE		TEST THE LATERAL EXTENSION - Split rod during nigh	t shift	eb. 6, 1	984		DATE LO	GGED:	Februa	ry 7, 1	984	
	TAGE		······································	SAN	IPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	No.	trom	ło	Length	dwt/ton		%	%		<u> </u>
0.0	44.0	CASING IN OVERBURDEN				 	 -		 			
44.0	175.2	MAFIC TUFF and/or FLOW: Carbonate banded, biotite		-LOCALL	MODERA	TELY M	GNETIC-					
		impregnated - medium to dark green grey to grey, fine grained, hardness 4-1/2; occurs as thinly							<u> </u>			
		foliated to massive flows (?) or as tuffs with	_					ļ <u>-</u>	ļ			
		5%-40% carbonatized - bleached bands with dissem- inated feldspar [±] quartz blebs; carbonate bands										
		occasionally have trace-1% pyrrhotite + pyrite blebs, moderately siliceous, lightly to heavily schistose, disseminated biotite occurs in the	-,									
		matrix and also as irregular stringers with mag- netite (usually in tuffaceous horizons), foliation										
		and banding at 60°-70° to the core axis, minor intermediate to acid tuff lenses (generally less										
		than 0.6' wide), minor gabbroic dykes, lower contact at 63°.										
		54.9-59.3: 25% carbonatized bands, 5% irregular carbonate ± quartz stringers.	81178	54.9	59.3	4.4	Nil					
		60.7-66.1: 15% carbonatized bands, 1%-3% carbonate ± quartz stringers or blebs, trace pyrrhotite	81179	60,7	66.1	5.4	Ni1					
		blebs; 2' of ground core. 70.6-72.2: Gabbro dyke; chilled margins, medium grained central portion.										

DIAMOND DRILL RECORD

HOLE NO:

157-17

PAGE NO:

2 **of ·** 7

FOO	TAGE	DESCRIPTION		SA	MPLE		Au	Ao	Cu	Zn		
from	to		NP	from	to	Length	twt/ton		%	%		l
		73.3-74.6: 40% carbonatized bands, 5% feldspar	81180	73.3	74.6	1.3	Nil		Ī T			
	I	† quartz blebs, trace pyrrhotite.			I					Ī		
		74.6-75.1: Intermediate tuff (?), trace chalco-				<u> </u>			Í			
	<u> </u>	pyrite.			<u> </u>	1						
	ļ								ļ	<u> </u>		
	ļ	83.3-86.0: 40% carbonatized bands with feldspar	81181	83.3	86.0	2.7	Nil			<u> </u>		
	ļ	± quartz blebs.			ļ	ļ	ļ <u>.</u>		J			
	ļ			ļ	ļ	ļ			ļ	 		ļ
	ļ	88.0-90.1: 50% carbonatized bands, 2%-3% quartz	81182	88.0	90.1	2.1	Nil					ļ
		carbonate blebs or stringers.		ļ	ļ	_	 		ļ .	 _	ļ	
				ļ	ļ	 			ļ	 	<u> </u>	
		91.7-92.9: 15% carbonatized bands, 10%-15% carbon-	81183	91.7	92.9	1.2	N11		 	 		
	 	ate and quartz blebs and stringers, trace-1%			ļ	 	 		 	 	 	ļ
	 	pyrrhorite [±] pyrite.			 	╂	 		 	 	 	<u> </u>
	-	0.1			 	 	 		+	 	 	├──
	 	94.2-95.0: 80% rhyolite tuff; contorted, biotite flakes disseminated through the matrix.	81184	94.2	95.0	0.8	N±1			 	-	
	 	riakes disseminated through the matrix,		 -	 	 	 		 	 	 	
	 	00 1 102 1 107 207	81185	98.1	1	1	 		 		 	
	 	98.1-102.1: 10%-20% carbonatized bands with quarter carbonate-feldspar blebs, trace pyrrhotite, 10%	RITRE	98.1	102.1	4.0	N±1		+	 	 	<u> </u>
	 	irregular biotite stringers.	·			 	 		1		 	
·	 	irregular blottle stringers.			†	1		-	1	<u> </u>	 	
	†	103.6-105.0: 70% carbonatized bands with feldspar	81186	103.6	105.0	1.4	Nil		 	 	 	
	1	blebs, 2% quartz veinlet.			1				†	1		
	1											
	1	107.9-109.6: Similar to 103'-105'; 1% pyrrhotite	81187	107.9	109.6	1.7	N11					
	<u> </u>	blebs.										
									<u></u>	I		
		110.6-111.7: 15% carbonatized band with quartz	81188	110.6	111.7	1.1	N11					
		feldspar blebs, trace pyrrhotite blebs.				L			1		l	
					<u> </u>					1	1	
		114.3-115.8: 60% carbonatized bands with	81189	114.3	115.8	1.5	NI1			1		
		5% quartz feldspar blebs, trace pyrrhotite,							<u> </u>	↓	<u> </u>	↓
						1	1		<u></u>	<u> </u>	1	<u> </u>

DIAMOND DRILL RECORD

HOLE NO: 15**7-**17 PAGE NE:

FOOTAGE	DESCRIPTION		SA	MPLE		Αu	As	Cu	Zn		
from to	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%		İ
	116.7-119.6: Similar to 91'-92'; 5% quartz	81190	116.7	119.6	2.9	N11					
	blebs.										
									1		
	119.6-120.4: Broken core, blocky ground.										
									T		
	122.0-124.2: 0.7 intermediate tuff band, biotite	81191	122 0	124.2	2 2	N11			1	 	
	rich along foliation; 10% carbonatized bands with	MAD	1	124.2		****		<u> </u>	1	1	
	feldspar and quartz blebs disseminated through	·	1					1		1	
	the bands.				<u> </u>						
										 	
	124.4-125.0: Broken core: blocky ground.			<u> </u>	†			†	 	 	
	124.4-121.0. Broken Lure, Diotay growing				t					1	
	126.3-127.5: Broken core; minor siliceous epidot-				1						-
	ized bands.				 	<u> </u>		 	†	 	
					1	——			†		
	128.8-130.6: Mafic dyke; fine to medium grained,				1						
	salt & pepper type texture, non magnetic, heavily			<u> </u>	1				† 		
	biotite impregnated matrix, lower contact at				1						
	approximately 80°-90°.							 			
					t			 	†		
	130.6-175.2: Generally more thinly foliated and	····	 	<u> </u>	 	—	·	†	†	 	<u> </u>
	more schistose zone, biotite - carbonate stringers		 	 	†	† <u>-</u>	 -	†	†	1	
				 	 	<u> </u>		†	 	 	<u> </u>
	more dominant, i.e. more gneissic, schistosity is locally contorted, intercalated rhyolite tuff			 	 	 	 	 	 	 -	†
	lenses are more common towards the bottom of the		 	 	†	†		1		 	
	unit, trace-5% quartz blebs or veinlets.			 	 	 		† 	†	 	<u> </u>
	unit; trace 3% quartz blebs of verniets.		 	 	 	 		 	}	1	t
	120 (120 0 . 2% 11 1 .	01100	100 (132.0	1 4	 		 	 	 	
	130.6-132.0: 3% quartz blebs.	81192	130.6	132.0	 	N+1		 	<u> </u>	 	
	125 7 127 / . 0 21	81193	135.7	137.4	1.7	N11	 	 	 	+	
	135.7-137.4: 0.7' quartz bleb and/or veinlet, 3% quartz stringers, chlorite blebs with the quartz.	91143	133./	13/-4	1/-	T NII	<u> </u>	 	 	 	
 	quartz stringers, chiorite blebs with the quartz.		 	 	+	 		 	+	+	
	127 / 1/0 7. 20% combanations bands with foliar an	81194	137.4	140.7	3.3	N11	 	 	+	 	
	137.4-140.7: 20% carbonatized bands with feldspar blebs, 10% quartz blebs and stringers, 5%-10%	01124	13/.4	140.7	13.3	1111	 	 	 	+	1
	biotite + magnetite stringers.		 	+	 	 	 	+	†	+	
L	Diotite + magnetite stringers.				L	·					ــــــــــــــــــــــــــــــــــــــ

DIAMOND DRILL RECORD

HOLE NO: 157-17

FOOTAGE	DESCRIPTION		SA	MPLE		Au	Aq	Cu	Zn	T	
from	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%		
	140.7-143.4: Heavily biotite enriched, 3%-5%	81195	140.7	143.4	2.7	N11					
	quartz blebs, trace pyrrhotite and pyrite.									1	
				1	1			<u> </u>			
	144.2-146.4: 10% quartz blebs and stringers, 0	.2' 81196	144.2	146.4	2.2	Nil				<u> </u>	
	rhyolite tuff lense.			1		1			1	<u> </u>	\vdash
					1						┰
	146.5-149.1: 3% quartz blebs and stringers, 20	81197	146.5	149.1	2.6	N11			1	1	
	carbonatized bands with feldspar blebs: lower 0	.61								1	
	is an intermediate tuff that is heavily biotite					1			1		
	enriched.								1		
				T_				<u> </u>		1	
	150.3-151.4: 25% quartz bleb/veinlet: lower 0.	5' 81198	150.3	151.4	1.1	N±1					
	is a rhyolite tuff, trace pyrite and pyrrhotite										
									1		
	151.5-154.2: 20% carbonatized bands with felds	par 81199	151.5	154.2	2.7	Ni1					
	blebs; 1% pyrrhotite blebs.										
				Ī							
	157.0-160.2: Similar to 146'-149'; only a 0.1	81200	157.0	160.2	3.2	Nil			1		
	rhyolite hand; schistosity at 68°.										
	161.8-162.4: 75% rhyolite tuff lenses.										Γ^{-}
										Ι΄	
	164.8-166.6: 80% intermediate tuff or flow,										<u> </u>
									I		
	166.6-167.8: Contorted foliation and carbonati	zed 81201	166.6	167.8	1.2	Nil					
	bands, heavily biotite bearing matrix and strin	igers									
	20% carbonatized bands with feldspar blebs, 10%									<u> </u>	1
	quartz blebs and stringers.			I				<u> </u>		1	1
								1			<u> </u>
	167,8-169,3: Intermediate to acid lapilli tuff								ļ		<u> </u>
						<u></u>			1		1_
	171.7-175.2: 20%-30% contorted carbonatized ba	nds 81202	171.7	175.2	3.5	Nil					\perp
	with feldspar blebs which may represent pillow			<u> </u>]						1
	margin textures(?), 5% quartz stringers, trace		<u> </u>					ļ			\perp
1	1% pyrite and pyrrhotite.								<u> </u>		1

DIAMOND DRILL RECORD

HOLE No: 157-17

AGE NO:

FOOT	AGE			SA	MPLE		Δu	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	lo	Length	dwt/ton	~*	%	%		
175.2	253.9	INTERCALATED MAFIC FLOW ± TUFFS AND RHYOLITE TUFFS									<u> </u>	
		LAPILLI TUFFS:				1						
		MAFIC FLOW: dark grey green, fine grained, hard-							l		1	
		ness 4 to 4-1/2, lightly to moderately foliated,								1	1	
		disseminated biotite through the matrix; slightly								1		
		carbonatized, especially parallel to schistosity										1
		at 68°; minor intermediate lenses are light to										
		medium grey and more siliceous: localized moderate-										
		ly magnetic bands.										
		RHYOLITE TUFFS: Light to medium purplish grey										
		lenses up to 243' after which rhyolite bands are			<u> </u>	<u> </u>			<u></u>			
		milky white with disseminated chlorite blebs/bands								<u> </u>	<u> </u>	<u> </u>
		fine grained matrix with fine to medium grained	···			L				<u> </u>		[
		clasts, hardness > 5, minor bleached and/or sili-				<u> </u>				ļ <u>.</u>	ļ	↓
		cified fractures, sharp contacts with mafic vol-			<u> </u>						1	<u> </u>
	ļ	canics subparallel to schistosity, lower contact			ļ	ļ		· · · · · · · · · · · · · · · · · · ·		↓	↓	ļ
	ļ	at 66°.			ļ					<u> </u>		↓
	ļ				ļ	ļ				ļ		ļ
	ļ	184.2-187.4: Rhyolite tuff, lapilli tuff.			ļ					ļ	↓	↓
					ļ							↓
	ļ	190.0-193.4: Intermediate tuff or flow; 3% quartz	81203	190.0	193.4	3.4	Nil		<u> </u>			
		stringers, trace-1% disseminated pyrite.	·	-	ļ	 					1	
				<u> </u>	 	 	 		 			∔—
	ļ	198.8-199.9: 5% quartz ± carbonate stringers.	81204	198.8	199.9	1.1	Nil			 	-	+
				 	 	 			 	 	 	╅
	 	202.5-205.2: Intermediate tuff (flow?).		 -	┿	 	 		 	+	 	+-
		21(0 010 0 5% 10%	03.005	216 2	1000	3.2	 ,		 -	 		+
		216.0-219.2: 5%-10% quartz stringers and veinlets	81205	216,0	219.2	3.2	N11		 	 	╅──	+
		trace-1% pyrrhotite and pyrite.			 	 	 		 	 	1	+
		200 0 001 5 01 11 0 01 0101	81206	220.2	1001 5	1.	†		 	 		+
	 	220.2-221.5: Similar to 216-219'.	81206	220.2	221.5	1-3	N11	· · · · · · · · · · · · · · · · · · ·	 	 	┪┈╌	1
	 	223.2-223.9: Rhyolite lapilli tuff.		 	 	†	 		 	†	1	1
	 	225.2 225.5. Miyorite laprifit turi.		t	 	 			1	1		1
	 			 	 	+	 	 	 	 	+	+

DIAMOND DRILL RECORD

HOLE No: 157-17

		DIAMOND	DRILL RE	CORD							57-17	
									PAGE	N2 :	of • 7_	
FOOT	AGE to	DESCRIPTION			MPLE		Au	Ag	Cu	Zn		
from	10		NΩ	from	to	Length	dwt/ton		%	%		L
		228.9-232.4: 80% rhyolite lapilli tuff; 3%-5%	81207	228.9	232.4	3.5	N11					L
	_	quartz stringers and silicified bands.		-	 	 	ļ			ļ —		
		236.9-238.5: Mafic tuff; 3%-5% quartz vein, 5% bleached band.	81208	236.9	238,5	1.6	N11					
		238.5-240.5: Similar to 236-238; 40% rhyolite	81209	238.5	240.3	1.8	0.04				 	
		lenses with 10%-15% pyrrhotite.										
		240.5-242.8: 65% rhyolite lapilli tuff; 5% quartz stringers and bleached fractures.	81210	240.5	242.8	1.3	Ni1					
		242.8-246.0: Milky white to light grey rhyolite 2%-3% quartz blebs and stringers, 10%-15% chlor-	81211	242.8	246.0	3.2	Ni1					
	<u> </u>	itized mafic flow lenses.			} -	 	1				 	
		246.0-250.8; Similar to 242'-246'; trace pyrite.	81212	246.0	250.8	4.8	N±1					
		250.8-252.2: Similar to 253'-298'.				 					-	
		252.2-253.9; Similar to 242'-246'.	81213	252.2	253.7	1.5	N±1					
253.9	298.0	BASALT: Mg rich or possibly komatiitic, massive - medium green grey, fine grained, hardness 3,										
		serpentine partings, massive to grossly foliated, lightly carbonatized, lightly biotite enriched,							<u> </u>			
		faint schistosity at 54°, non-magnetic.	 	<u> </u>	-	 	 		 	<u> </u>	-	\vdash
	298.0	END OF HOLE		<u> </u>		1				1	1	
		Casing left in hole.		<u> </u>			1					F
		No significant radioactivity or fluorescence.			1	1	-				1	\vdash
							<u> </u>					\Box

DIAMOND DRILL RECORD

HOLE NO: 157-17

PAGE NE:

FOOTAGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu		7	
from to	DESCRIPTION	NÝ	from	to	Length	dwt/ton	•••	%	Zn %		l
	Core stored at Dome Mine Property										
	Core stored at Dome Mine Property South Porcupine, Ontario		 	 	1			 	†		
	bodth totespane, ontario			 	+			 	 		
				 		 		 	 	 	
	Drilling by Bradley Brothers Limited Noranda, Quebec			ļ		ļ		ļ		ļ	
	Noranda, Quebec			<u> </u>							L
	1/		7						1		
	5 Meethan			-	+			 	 		
	- 1 Carlotte		 	 	+	 		 	 		<u> </u>
				}	+	 		 	 		
			 	ļ		 		 	-		
				ļ <u> </u>	4	 		 			L
				<u> </u>				<u> </u>			
				1	1						
			1			1					
				 	 	· · · · · · · · · · · · · · · · · · ·		+	 		
				 		 		 	 	 	
				ļ				 	 	 	-
			_	<u> </u>				↓	ļ	ļ	ļ
			_l							<u> </u>	
									1		
											
				 		 		—	 	 	
			 	 	+	 	 	+		 	┼
						 	 	-	 	 	
			-			 	ļ	-	↓	ļ	↓
						<u> </u>	L			<u> </u>	ـــــ
		i					l		1	1	1
									I		
		1	1	1	1			T	T	T	I
			 	 		1		1	1	 	†
				 	+	 	 	+	 	 	+
			 	 	+	 	 	 	+	 	+
			4	 							₩
				<u> </u>						<u> </u>	
				· ·	1	1	l	1	l	i	l

		<u>DE 66+00S. From collar</u> <u>N and 935'E Claim P.524490</u> DIAMOND	DRILL RE	CORD					HOLE		'-18
AZIMUTH:		0					PROPERTY	Y: PRO	JECT 157,	Sunday	Lake, Onta
DIP:	-46°	LENGTH: 3001 ELEV	ATION:				CLAIM N		24490 -	0-27	
STARTED:	Februar	y 7, 1984 CORE SIZE: AQ SYST	EM OF MEAS	URE:	IMPERIAL		SECTION:		4497 -	2/5-300	·
COMPLETED	Febru	pary 9, 1984 DIP TESTS (CORRECTED): at 300	o' -40°30	1			LOGGED	BY:	B. Needha	n	
PURPOSE		EST THE LATERAL EXTENSION HE MAIN MINERALIZED ZONE					DATE LO	GGED:	Februar	y 8, 19	84
FOO				SAI	MPLE		Au	Ag	Cu	Zn	
from	to	DESCRIPTION	No.	from	to	Length	dwt/ton		%	%	
0.0	50.4	CASING IN OVERBURDEN									
50.4	218.1	MAFIC TUFF ± FLOW: Locally carbonatized bands TUFF: Medium to dark grey green, fine grained, hardness 3-1/2 to 4-1/2, 10%-40% carbonatized		- LO	CALLY LI	CHTLY	TO MODER	ATELY	MAGNETIC		
		bands locally with feldspar + quartz blebs, trace to 5% biotite magnetic (pyrrhotite?) stringers, schistosity at 65° to 70° to the core axis, very minor intermediate to acid tuff lenses, lower	-								
		contact at 70°.							-		
		FLOW: Dark green, fine grained to very fine grained, hardness 4, massive to slightly schistose trace to 1% pyrite grains.									
		51.6-52.8: 0.6' rhyolite tuff; 1% finely dis- seminated pyrite.	81214	51.6	52.8	1.2	Ni1				
		56.0-61.2: 2% carbonate blebs, 5% carbonatized bands.	81215	56.0	61.2	5.2	Nil				
		70.2-74.6: 30% carbonatized/bleached bands with	81216	70.2	74.6	4.4	Nil				
		feldspar blebs, 3% quartz blebs/stringers, trace pyrrhotite.									
		76.8-105.9: Mafic flow; gradually becomes more foliated downhole.			†						
1			l		I	1	L		1		

DIAMOND DRILL RECORD

HOLE No: 157-18

PAGE Nº:

FOOT	AGE	DESCRIPTION		SAI	MPLE		Au	Ao	Cu	Zn		
from	to		NÝ	from	10	Length	LWL LUIL		%	%	ļ	l
		78.7-79.5: 0.2' quartz stringers, trace pyrite	81217	78.7	79.5	0.8	Nil					
		and pyrrhotite.										
		84.6-85.5: Two 0.2' quartz veinlets, 1% pyrrho-	81218	84.6	85.5	0.9	Ni1					
		tite and pyrite.										
		85.5-87.5: Trace-1% pyrite and pyrrhotite.	81219	85.5	87.5	2.0	Nil					
		90.5-92.5: 5%-10% bleached stringers/bands, trace	81220	90.5	92.5	2.0	Nil					
		pyrite.										
		99.4-100.2: 0.2' rhyolite tuff band, 3% quartz	81221	99.4	100.2	0.8	Nil					
		veinlet.										
		100.2-101.8: Gabbro-dyke: medium to coarse				<u> </u>			1	†	1	\vdash
		grained, carbonatized, lower contact zone is								t	 	
		epidotized.										1
										1		
		105.9-154.3: Mafic tuff; 20%-80% carbonatized										
		bands, biotite rich stringers are common, trace									Ī	
		pyrrhotite.								1		
	····	121.7-124.1: 40% rhyolite tuff; 15% quartz	81222	121.7	124.1	2.4	N11					
		stringers, trace pyrite.									T	
									1			
		125.8-128.9: 0.3' quartz veinlet, 20% carbon-	81223	125.8	128.9	3.1	N11					
		atized bands with quartz and feldspar blebs.								T		1
		129.7-132.3: 5% quartz blebs, 10% bleached	81224	129.7	132.3	2.6	Nil					
		bands, trace pyrrhotite.										T
										1		\Box
		132.3-136.3: 30% silicified and/or dacitic bands	81225	132.3	136.3	4.0	Nil _	I				
		10% bleached bands (i.e. carbonatized with feld-								1		
		spar blebs).										
	<u> </u>									İ	1	
	— —				T	T			1	1	T	T

DIAMOND DRILL RECORD

HOLE NO: 157-18

AGE NO

3 **of ·** 7

FOOTAGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn		
from to		NΩ	from	to	Length	dwt/ton		%	%		
	141.9-143.7: 80% carbonatized zone with 10%-15%	81226	141.9	143.7	1.8	N11					
	feldspar blebs.										
			I								
	145.0-147.5: 80% carbonatized bands with feldspar	81227	145.0	147.5	2.5	Nil				1	
	blebs, 2% biotite stringers,								1		
				· · · · · · · · · · · · · · · · · · ·				1			l — —
	149.6-154.3: 60% carbonatized bands/zones, two	81228	149.6	154.3	4.7	N11					
	0.1' quartz veinlets.	VI		1 1 2 3 1 3	1	1 111					
				 	 	 		 	 	1	
	154.3-155.0: Intermediate to acid tuff.				1				 	t	
	1.1741.J 1731.VI INTERNEGUIACE LO BUTU CUIT.				1	†		 	 		
	155.0-218.1: Mafic flow; thinly foliated, slight-			<u> </u>	1	 		 	 		
	ly to moderately schistose, minor tuffaceous				 	† <u>-</u>		<u> </u>	<u> </u>		
	zones; 5% intermediate to acid tuff lenses,			 	 	 		 	 	1	
	schistosity at 65°.		<u> </u>	 	 	 		 	 	 	
	Benistosity at 05.			 	 	 		 	 	†	 -
	158.9-160.2: 0.2' quartz carbonate veinlet,	81229	158.9	160.2	1.3	Nil		 	 		
	trace-1% pyrrhotite.	01229	130.9	100.2	+ + - 3	1 N 11		 		 	
	trace-in pyrinotice.		 	 	 	 		 	<u> </u>	 	
	160 0 161 0 - 161 1 - 66				+			 	 -	·	╁
	160.2-161.2: Biotite impregnated silicified tuff.			 	 	+-+		 	 	 	
-	possibly dacitic.			 	 	 			 		
				 	 	 		 	 	 	├─
	162.4-162.9: Rhyolite tuff; medium grey, fine			 	 			 	 	 	┼
	grained.					 		 	 	 	┼—
					 				 	 	├
	166.8-172.0: Mafic tuff; 20%-30% carbonatized	81230	166.8	169.3	7	N11		 	 	 	┽
	bands with quartz feldspar blebs, 3% quartz	81231	169.3	172.0	2.7	N11		 	 	 	
	stringers.					ļ		↓			-
						1		 		 	₩
	173.3-177.2: Mafic tuff; 0.3' rhyolite tuff lense	81232	173.3	177.2	3.5	Ni1		↓	 	 	₩
	10%-15% carbonatized bands with feldspar blebs,		ļ						↓	↓	↓
	5% quartz blebs and stringers, 2% biotite rich	··	<u> </u>	ļ				J	J	<u> </u>	
	stringers.							1			$ldsymbol{f\perp}$
			<u> </u>	1	<u> </u>			<u> </u>	J		ـــــ
	179.8-182.4: Intermediate tuff or flow: massive				L						<u></u>

DIAMOND DRILL RECORD

HOLE No: 157-18

PAGE N2:

F007	AGE	DESCRIPTION		SAI	APLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%		
		medium grey, disseminated biotite common.										
		189.2-190.4: 0.1' quartz stringer, trace sul-	81233	189.2	190.4	1.2	N11					1
		phides.										
		207.2-209.0: 3% quartz blebs and stringers, trace	81234	207.2	209.0	1.8	Nil					
		-1% pyrite and pyrrhotite.										
		214.3-215.4: 0.2' quartz veinlets.	81235	214.3	215.4	1.1	N11					
												<u> </u>
218.1	253.6	INTERCALATED RHYOLITE TUFF: ALTERED MAFIC-INTER-										1_
		MEDIATE TUFFS AND CHLORITIZED MAFIC FLOW:				ļ			ļ	 	ļ	↓_
		RHYOLITE TUFF-LAPILLI TUFF: Light green grey to				Ļ					ļ	
		creamy white, fine grained + medium grained clasts				ļ			ļ		ļ	↓_
		hardness > 5, grossly foliated to moderately							ļ	ļ		
		laminated, locally minor chlorite, biotite and/or				ļ			<u> </u>	ļ	 	↓ —
		sericite stringers - blebs.					 		 	-	 	╁
		ALTERED MAFIC TUFFS: Light to medium green or							 		 	┼
		grey, fine grained, hardness is variable with				 -				ļ		┼
		the extent of silicification, 1%-10% disseminated				}	├		├	}	 	╁
		pyrrhotite [±] pyrite, lightly to heavily bleached/				ļ	1	-		 	 	₩
		carbonatized, local contorted foliation.							 	<u> </u>	-	+
		CHLORITIZED MAFIC FLOW: Light to medium grey-			-	-	ļ			 	 	+
		green, fine to medium grained, hardness 2-1/2 to 3				<u> </u>			 	 		╁—
	· · · · · · · · · · · · · · · · · · ·	massive to grossly foliated, moderately to heavily				 	 		 	 	1	+-
		biotite enriched, heavily chloritized, moderately bleached/carbonatized.				} -	<u> </u>		 	 	+	+
		- quartz bleb at lower contact.				 	 		 	 	+	+
		- quartz bleb at lower contact.			<u> </u>	 	 		 	 	 	+-
		210 1 221 0. 414	81236	218.1	221.9	3.8	N+1		 	 	 	+
		218.1-221.9: Altered mafic tuff: 10% thin carbonatized stringers, 1% pyrrhotite.	<u> </u>	<u> </u>	721.9	1-8-	N11		 	†	†	+-
		bonacized stringers, is pyrinotice.			 	 	 		 	†	 	+-
		221.9-224.1; Altered mafic to intermediate tuff?:	81237	221.9	224.1	2.2	0.04					士
		moderately to heavily, silicified; 0.4' intensely										
		silicified band with pyrrhotite selvages; 5%-10%										

DIAMOND DRILL RECORD

HOLE NO: 157-18 PAGE NO: 5 of • 7

FOOTAG	GE	DESCRIPTION		SA	MPLE	-	Au	Ag	Cu	Zn		
from	to	DESCRIPTION	NΩ	from	to	Length	dwt/ton	~*	%	%		
		224.1-226.0: Altered mafic to intermediate tuff(?)	81238	224.1	226.0	1.9	0.10					
		moderately siliceous, 1%-2% disseminated pyrrhotite										
											1	
		226.0-228.5: Altered mafic tuff; moderately to	81239	226.0	228.5	2.5	0.04					
		heavily carbonatized and silicified, 2%-3% pyrrho-									1	· · · · · · · · · · · · · · · · · · ·
		tite, 1% quartz stringer.										
											1	
		228.5-230.4: Altered mafic-intermediate tuff:	81240	228.5	230.4	1.9	0.04			1	1	
		3%-5% pyrrhotite, 5% intensely silicified bands.								1		
											1	
		230.4-234.1: Rhyolite lapilli tuff; trace pyrite	81241	230.4	234.1	3.7	Ni1					
		0.3' mafic volcanic lense.										
		234.1-235.9: Intermediate [±] mafic tuff; 5%	81242	234.1	235.9	1.8	N11					
		biotite veinlets, 10% quartz blebs.										
		235,9-238.7: Chloritized mafic flow, 2% quartz	81243	235.9	238.7	2.8	N±1					
		blebs.			1							
										I		
		238.7-240.5: Rhyolite tuff; 0.4' mafic flow_										
		lense.										
												<u> </u>
		240.5-242.9: Chloritized mafic flow.	81244	240.5	242.9	1.4	N11					
										<u> </u>	<u> </u>	
		242.9-244.8: Contorted chloritized mafic flow	81245	242.9	244.8	1.9	Nil_				<u> </u>	
		and medium grey rhyolite flow?; trace to 1%								<u> </u>		
		pyrrhotite				<u> </u>			<u> </u>			<u> </u>
						<u> </u>						<u> </u>
		244.8-249.3: Chloritized mafic flow; lower 0.4'										
		is rhyolite tuff.										
		249.3-250.5: Chloritized mafic flow; 10% quartz	81246	249.3	250.5	1.2	Nil					
		blebs.]							
		251.5-253.6: 50% chloritized mafic flow, 35%	81247	251.5	253.6	2.1	Nil					
		rhyolite tuff, 15% quartz blebs.				1	1					I

DIAMOND DRILL RECORD

HOLE N9: 157-18

PAGE NO:

FOOT	AGE	DESCRIPTION		SA	MPLE		Au	Ao	Cu	Zn		
from	to	DESCRIPTION	NΩ	from	to	Length	dwt/ton		%	%		
253.6	280.6	MAFIC FLOW: Fine grained; rhyolite tuff lenses										
		-dark green, fine grained to very fine grained,			<u> </u>							
		hardness 4 to 4-1/2, minor carbonate-feldspar			ļ				<u> </u>			
		blebs and stringers; grossly foliated at 62°,			<u> </u>				<u> </u>	<u> </u>		
		lower contact at 62°.			ļ							
					ļ				 		<u> </u>	
		253.6-255.8: Upper 0.5' of sample is bleached.	81248	253.6	255.8	2.2	Ni1		ļ	↓	ļ	
		2%-3% quartz stringers, trace pyrrhotite.							ļ	ļ		↓
									 	 		├ ──
		257.7-259.9: 1%-2% pyrrhotite + pyrite blebs.	81249	257.7	259.9	2.2	N11		 	 	 	├ ──
}		071 1 072 0. Discillator of Co. amendata a mail a			 		ļ		 	 -	 	
		271.1-273.9: Rhyolite tuff; greyish purple to			 	 	 		 	 	 	├
		Durr,				 	 		 	╂	 	╁
		277.8-280.6: 1%-2% pyrrhotite + pyrite, 3%	81250	277.8	280.6	2.8	Nil		 	 		
		bleached stringers.	01230	211.0	200.0	2.0	1 11 1		1	 	 	1
		Diedened Stringers	·		†	†	†		 	†	 	
280.6	300.0	BASALT: Mg Tholeiite? minor rhyolite tuff -	· ,	· · · -		1					1	1
		medium grey green, fine grained, hardness 3,			1	1						1
		massive to grossly foliated, rare quartz bleb,				1				1		
		lightly talcose.										
		284.0-284.8: Rhyolite tuff; similar to 271-273'.										
		286.5-288.0: Rhyolite tuff; similar to 271-273'.					<u> </u>			<u> </u>	↓	↓
		·			ļ		<u> </u>	 	 -	ļ		
	300.0	END OF HOLE			ļ	ļ	ļ	<u> </u>	 	↓		↓
			· 	ļ		 	 		 	ļ <u>.</u>	 	↓
		Probable cause of the magnetic high is the carbon-		ļ	 	 	 		-	 	 	-
		ate banded mafic tuff from 105'-154'. Main miner-		 -	 	 	 	 	+	 	+	+
		alized horizon may have been intersected from		 	 	 	-	 		 	- 	+
		210 255 1		 	 	1	 		+	 	+	+
		All pooles left de bala		 	+	 	 		 -	 	+	+
		All casing left in hole			+	 	 	 		+	+	+

DIAMOND DRILL RECORD

HOLE NO: 157-18

PAGE N2: 7 of • 7

FOOTAGE	DESCRIPTION	SAMPLE NO. Leas				Au	Ag	Cu	Zn		i —
from to	<u> </u>	NΩ	from	to	Length	dwt/ton		%	%	İ	
	Core checked for radioactivity and fluorescence;										
	nothing of interest.										
	Core stored at Dome Mines Property								1		1
	South Porcupine, Ontario										
					1						
	Drilling by Bradlev Bros. Ltd.										†
	Drilling by Bradley Bros. Ltd. Noranda, Quebec.				1				<u> </u>		
					1				1	1	1
	B Needfain				1						
					1	1		†	1	— —	1
					1			<u> </u>			
					1					1	
					1			<u> </u>		†	†
					†	†		 	<u> </u>	 	
					1				1	 	
					1					<u> </u>	
				<u> </u>	1				 	 	
				<u> </u>	 			<u> </u>	 	† 	+
		 		 	†~~~				 	 	
				 	1	$\vdash \neg \neg$		 	 	 	+
				 	 				 	 	
					†			 	 	-	
		 		-	 			 	 		
		 			 	† · · · · · · ·		 	 	1	†
		 		-	 	} 		 	 	1	
		 -	· · · · · · · · · · · · · · · · · · ·	 	 			 	 	 	+
				 	 		·	†		 	+
		 		 	+	 	 	 		 	+
		 		 	+	 	 	 	 	 	+
_		 		 	 	 	<u> </u>	 	 	 	+-
		 		 	+	 		 	 	-	+
		 			+	 		 	 	+	+
		 		 	+	 	 	 	 	+	+
		 		 	+	 		 	 	 	+

		E 69+80S. From collar	DIAMOND	DRILL RE	CORD					HOLE	NQ 157-1	10
to Post		'N and 415'W	DIAMOND	DRILL RE	COND			220000				
AZIMUTT:	0°							PROPERT		JECT 157	, Sunday	y Lake,
DIP:	-54°		LENGTH: 292' ELEY	ATION:				CLAIM 1		ario 24489		
DIP:	-54		LENGTH. 292 ELEV	ATTON				CLAIM 1	1 P. 5	24489		
STARTED:	Tanua	ry 31, 1984	CORE SIZE: AQ SYS	TEM OF MEAS	URE:	IMPERIAL		SECTION	:			
	Janua	17 31, 1704								······		
COMPLETED): Febru	ary 2, 1984	DIP TESTS (CORRECTED): at 2	92' -50°				LOGGED	BY: B.	Needham		
			Note: Footage blocks we	re placed	at regul	ar 10'						
PURPOSE:	TO TE	ST LATERAL EXTENSION	spacing regardless of th					DATE L	OGGED:	Februa	ry 2, 19	984
OF THE	MAIN MIN	ERALIZED ZONE	Therefore, rock units lo	cation sho	uld be c	onsidere	d appr	ox im ate.				
FOOT	GE	DESC	RIPTION) SA	MPLE		Au	Reassay		Zn	Average Au
from	to	D200		No.	from	to	Length	dwt/ton	dwt/ton	%	%	lwt/ton
0.0	40.0	CASING IN OVERBURDEN				<u> </u>			1			
				<u> </u>				 	ļ			
40.0	43.6	MAFIC TUFF: Epidote +		81067	40.5	43.6	3.1	0.10	0.04			0.07
			pidotized bands, fine to		ļ. — — — — — — — — — — — — — — — — — — —		ļ	ļ	ļ			
 			4-1/2, lightly to moder-	· 		ļ	 	ļ			,	
			tely to heavily schistose,		ļ	ļ <u>.</u>	_		· 	·		
			core axis, trace-1% dis-	4	 	·	}		 			
			quartz bleb, lower contact	 		-	 -		 			
·		at 48°.		+	 			 	 		·	,
<u> </u>				 	} -	 	ļ	 	 		-	
43.6	73.5		te tuff, lapilli tuff bands	-		 	 	 	 -			
		- dark green grey, fine			ł	 		 	 	-	r	;
			to 4, thin faint schistos- pleached (i.e. epidotized		 	 	 	 	 		r	
		and silicified) band, c			 	 	 	 	 			ſ
		especially fragmented a			<u> </u>	†	 	 	 	<u> </u>		
			reen grey or salmon colour,		-	<u> </u>		1	<u> </u>	<u> </u>		
		fine to medium grained,		-			1	1		-		
			ole in a band from 45' to				-				[
	···		idote stringers, trace to	1		†	1	-	1	-		
		2% pyrite contacts appr						1	1	1		
		lightly developed schis						I		I	<u> </u>	
											J	
		47.7-50.7: 3% quartz ±	epidote selvages, 0.8'	81068	47.7	50.7	3.0	Nil			ļ	
		epidotized-silicified b	and with 1% disseminated		L			<u> </u>			ļ <u>'</u>	
		pyrite.			ļ	.	<u> </u>	<u> </u>				ļ
		<u> </u>			1	<u> </u>	<u> </u>	<u> </u>		1	<u>ا ــــــــــــــــــــــــــــــــــــ</u>	1

DIAMOND DRILL RECORD

HOLE No: 157-19

PAGE NO:

FOOT	AGE	DESCRIPTION		SAI	MPLE		Au	Ac	Cu	Zn		
from	10	DESCRIPTION	NΩ	from	to	Length	lwt/ton		%	%		l
		50.7-51.6: Rhyolite tuff; as above.	81069	50.7	51.6	0.9	Nil					
	1	55.0.57.0				<u> </u>			 	 	ļ	
	 	55.8-57.0: Broken-ground core, 3% quartz vein.	81070	55.8	57.0	1.2	N11					
		57.0-58.2: Rhyolite tuff; as above.	81071	57.0	58.2	1.2	N11			 		
		Note: Two footage blocks marked 66' are spaced 2.6' apart.								-		
	 	2.0 apart.				<u> </u>			 	<u> </u>		
		68.5-71.3: Contorted silicified mafic volcanic with rhyolite tuff blebs, 1%-3% disseminated	81072	68.5	71.3	2.8	Ni1			 		
-	 	pyrite.						·				
73.5	147.1	MAFIC TUFF: Carbonate [†] epidote banded with altered mafic flow (?) bands and rhyolite tuff					-					
	1	lenses.				1			<u> </u>			
		Mafic tuff: similar to 40'-43' but softer (hardness 3 to 3-1/2), schistosity at 52°-55°,										
		slightly bleached, ankerite carbonate bands. Altered mafic flow: medium grey to apple green						-				
		(epidote) fine to very fine grained, hardness 4 to 5, locally quartz impregnated and/or										
		brecciated, lightly to moderately silicified, moderately to heavily carbonatized (ankerite)										
		Rhyolite tuff - lapilli tuff: similar to 43'-75'; only trace pyrite, locally thinly laminated at 55°,										
		contacts with mafic volcanic/tuffs are sharp varying between 50° and 55°.										
		-lower contact at approximately 60°.							ļ	<u> </u>		
		75.2-77.9: Mafic tuff; as above.	81073	75.2	77.9	2.7	N11					
		78.7-81.2: Mafic tuff; 2%-3% quartz stringers.	81074	78.7	81.2	2.5	Nil					<u> </u>
	 	1.0' heavily epidotized zone.			 	 	 		 -	 	 	+

DIAMOND DRILL RECORD

HOLE No: 157-19

PAGE NE:

F00'	TAGE	DESCRIPTION		SA	MPLE		Au	Rerun Au	Cu	Zn		
from	to	DESCRIPTION	NO	from	to	Length	dwt/ton	dwt/ton	%	%	1	İ
		81.2-84.1: Mafic flow; as above; 3% quartz vein-	81075	81.2	84.1	2.9	Nil					
		lets and stringers, only locally lightly epidotizes	•									
	L				ļ		ļ	ļļ	·····	<u> </u>		
	 	86.7-88.2: Mafic flow; 0.7' heavily epidotized	81076	86.7	88.2	1.5	Nil	├ ──}		↓	ļ!	L
	 	and carbonatized band.				-	ļ			 	 	
	<u> </u>	Note: Only 5' separating the 86' and 96' footage		 	<u></u>	 	<u> </u>	-		1	╂╼╼┩	-
		blocks.					1					
	<u> </u>	95.4-98.0: Mafic flow; moderately to heavily	81077	95.4	98.0	2.6	N11	N11		<u> </u>		
		epidotized - carbonatized, 1%-2% irregular quartz	-		ļ	ļ	<u> </u>				ļ!	ļ
	 	stringers.			ļ. <u></u>	 	ļ	ļ		_	 	
					-	-	 	ļ		<u> </u>	 	
		98.0-101.1: Mafic flow?; intensely epidote and carbonate altered with 10%-15% irregular quartz	81078	98.0	101.1	3.1	N11	<u></u>				\vdash
		impregnation, trace-3% pyrite, trace sphalerite.										
	 	102,1-105,5; Similar to 98-101',	81079	102.1	105.5	3.4	Nil			 	 	├─
		105.5-109.8: Breccia zone: 30% ground core (shear) starting at approximately 106'; contorted with	81080	105.5	109.8	3.3	N±1					
	 	10%-20% quartz impregnation, 3%-5% epidote					 	 		 	 	+
		stringers or alteration.					1				1	二
				ļ	ļ	ļ				<u> </u>	 	↓_
	 	109.8-111.2: Mafic tuff; oxidized, heavily	81081	109.8	111.2	1.4	Nil				 	╁—
	 	carbonatized, 2% quartz stringers.		ļ	 	 	 	ļ		 	+	╁─
	 	111 2 112 / . ~ 60% -1 1/2 - 5-55 / 0% 1/4 1	01000	111	113.4	2.2	 	 	ļ <u></u>	 	+	+-
	 	111.2-113.4; \(\varphi\) 60% rhyolite tuff, 40% oxidized	81082	111.2	113.4	12.2	N±1	<u> </u>			1	+
 :	†	heavily carbonatized mafic tuff, trace pyrite.	· · · · · · · · · · · · · · · · · · ·	<u> </u>	1		<u> </u>			1	1	T
		113.4-114.9: Rhyolite tuff.								ļ. <u>-</u>	1	$oxed{\Box}$
	 	114.9-117.9: Mafic tuff, trace-3% pyrite 1%	81083	114.9	117.9	3.0	N11			 	+	\vdash
												L
		114.9-117.9: Mafic tuff, trace-3% pyrite, 1% quartz stringers.	81083	114.9	117.9	3.0	Ni1					

DIAMOND DRILL RECORD

HOLE No. 157-19

AGE NO:

4 **of -** 7

FOO	TAGE	DECADURATION		SA	MPLE		Au	Rexun	Cu	Zn		
from	to	DESCRIPTION	NP	from	to	Length	dwt/ton		%	%	1	1
		117.9-120.7: Rhyolite tuff,								<u> </u>		
		120.7-122.1: 50% rhyolite tuff, 50% quartz impreg-	81084	120.7	122.1	1.4	Nil					
		nated mafic tuff, 2%-3% disseminated pyrite in										
	<u> </u>	mafics.										
												
		122.1-123.7: Rholite tuff.		ļ		ļ	ļ			_	<u> </u>	
				ļ	ļ	 	L				 	<u> </u>
	 	123.7-124.9: Mafic tuff; trace-1% pyrite.	81085	123.7	124.9	1.2	N11			_	<u> </u>	├
	 					 -	ļ			↓	 	
	 	124.9-126.4; Rhyolite tuff, trace pyrite.	81086	124.9	126.4	1.5	Nil			 		├
	 				 	+	 			 	 	
	 	126.4-127.1: Mafic tuff; trace-1% pyrite, 1% quartz stringers.	81087	126.4	127.1	0.7	N±1	N11		 	 	╁
	 	quartz stringers.			 	 	 			 	 	
		127.1-129.2: Rhyolite tuff; trace pyrite, trace-	81088	127.1	129.2	2.1	Nil			+	 	
	 	1% quartz stringers.	01000	144/14	129.2	 	- NII			+	 	1-
		In quarte orrangeror		 	 	 	 			†	 	\vdash
	 	134,4-139.8; Mafic tuff; 30%-40% carbonatized ±	81089	134.4	139.8	5.4	N11			1	1	
	†	epidotized bands, trace-1% pyrite.	01003	1.13.9	1.17.0	1.3	1 1111				1	
· · · · ·							1			1		
	<u> </u>	141.0-145.2: Mafic tuff; locally moderately	81090	141.0	145.2	4.2	Ni1					
		silicified, 10%-20% carbonatized bands, trace-3%										
		pyrite.										<u> </u>
									_			
		145.2-146.4: Rhyolite tuff; finely laminated.		<u> </u>							ļ	<u> </u>
	<u> </u>						1				 _	↓
		146.4-147.1: Similar to 141-145'.	81091	146.4	147.1	0.7	N11	<u> </u>		_		↓
				<u> </u>	<u> </u>	ļ						—
147.1	221.7	MAFIC FLOW * TUFFACEOUS BANDS WITH INTERMEDIATE-		ļ	 	 	 	<u> </u>	ļ		 	┼—
	 	ACID TUFF LENSES: medium to dark green grey,		 	 	 		 		 		
	 	fine grained, hardness 3 to 4-1/2, massive to lightly schistose, generally thinly foliated,		 	 	 	 			+	-	1
	<u> </u>			 	+	 	_	 -		 	-	+
	↓	disseminated biotite through the matrix, trace		 	 	 	 	_	ļ		┪	+-
	<u></u>	to 5% thin carbonatized stringers parallel to		L				L	L			

DIAMOND DRILL RECORD

HOLE No: 157-19

PAGE No: 5 of • 7

F001	AGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%	·	1 _ '
		schistosity at 53°, lower contact is poorly										
		defined.							<u> </u>			
		INTERMEDIATE TUFF or FLOW: Light to medium grey,			ļ <u>.</u>							
	<u> </u>	fine grained, hardness 4-1/2 to 5, disseminated			<u> </u>				<u> </u>			
		biotite is common, locally bleached a light										
		salmon hue.										
		RHYOLITE TUFF: Light to medium grey to salmon.		ļ	<u> </u>	ļ			ļ		ļ	<u> </u>
		very fine grained, hardness > 5, very siliceous,		}	<u> </u>	ļ <u>.</u>			<u> </u>	.	ļ	
	ļ	thinly laminated, thin bleached stringers commonly			ļ	ļ				ļ	ļ	
	ļ	criss-cross these lenses. Contacts generally		ļ	ļ				ļ			
	ļ	parallel to schistosity.		ļ			ļ		-	ļ	 	
									 			
	ļ <u> </u>	149.5-150.9; 0.7' rhyolite tuff band, trace-1%	81092	149.5	150.9	1.4	Nil			ļ		
		pyrite.			 	 			 -	 		
	ļ			 	 _	ļ	ļ		 	ļ	ļ	ļ <u> </u>
	!	164.7-166.7: 0.2' quartz ± carbonate vein with	81093	164.7	166.7	2.0	Nil		ļ	ļ		ļ
		1% hematite stringers, 1% pyrite, 2% quartz		 	ļ				 	ļ		
	ļ	stringers.		 	 	 				 		├
	ļ			 	 					ļ		
	 	170.4-172.8: Intermediate to acid tuffs.		ļ	 	ļ	 		 	 		
						ļ	ļ		 	 		
	 -	172.8-173.2: Ground core.			 				 	 	 	├ ──
	 			 -	 					 	 	
	ļ	183.8-188.0: Intermediate tuff?; 0.1' quartz	81094	183.8	188.0	4.2	N±1		 	 		
	}	vein, trace-1% pyrite.		 	 	}	}		 	 	}	
	ļ	206 2 207 2 70% should be \$1.55 10% should	81095	206.2	207.2	1.0	Nil		+	 	+	
	 	206.2-207.2: 70% rhyolite tuff; 10% quartz vein-	01032	200.2	207.2	1.0	NTT -		 	+	 	
	 	lets, 1%-2% pyrite.		 		 	 		 	 	+	
	260.5	111		100	LIV MOD	4 mpr **	MACNIDET		 	 	 	
221.7	268.9			-LUC/	ALLY MODI	KATELY	MAGNETI	<u> </u>	 -	 	+	
	 	tuff lenses - medium to dark green grey, fine to		├ ──-~	 	 	 		 	 	 	+
	 	medium grained, hardness 4-5, moderately to heavily schistose, foliation at 50°, thin carbonate ±		 	 	 	 		 	 	 	+
	 	epidote banding parallel to foliation, lightly to		 	 	 	 		 	 	+	
	 			 	+	 	 		+	 	+	
	1	moderately siliceous, locally moderately magnetic,						L			_L	

DIAMOND DRILL RECORD

HOLE NO: 157-19

F007	AGE	DESCRIPTION		SA	MPLE			Reassa;		Zn	Average Au
from	to	DESCRIPTION	NP	from	10	Length	dwt/ton	Aut/to	%	%	dwt/tor
		carbonate banding less dominant in this unit with									
		respect to previous units, locally lightly bleach-									
		ed, lower contact at 57°, rhyolite tuff; similar									
		to 147-221'; dominantly lapilli tuffs.									
		233.3-234.5: Rhyolite tuff; 1%-3% pyrite.	81096	233.3	234.5	1.2	0.04	Nil		1	0.02
					1	1					
		240.5-242.9: 20% quartz ± carbonate veins and	81097	240.5	242.9	2.4	Ni 1			1	
	1	veinlets.		7.30.7	1-232.7	1	1			1	
	1			<u> </u>	<u> </u>	1					
		247.7-248.8: 40% rhyolite tuff, 1%-2% pyrite.	81098	247.7	248.8	1.1	N-1			1	
		mafic tuff has bleached bands with 2% quartz.	D1020	143/11	240.0	1	1 11 1			1	
	 			 	†	 	 				
		251.3-252.8: 60% rhyolite lapilli tuff with 3%	81099	251.3	252.8	1.5	Nil			 	i
	 	quartz stringers, 1%-2% pyrite; mafic tuff has	01077		232.0	1	1144			1	
	 	10% epidote stringers.				†	† · · · · ·			1	
	 	10% CP1dote Berlingers			†	-	<u> </u>			 	
	 	256.1-261.2: 30% rhyolite tuff bands; 10%-20%	81100	256.1	261.2	5.1	Nil			t	
	 	epidote + carbonate bands and stringers, trace-1%	01100	230.1	201.2	1 7,1	***			† <u> </u>	
	·	pyrite.			 	 				+	
	 	pyrace			 	 	 			 	
268.9	292.0	MARIC TO INTERMEDIATE PLOU		 	 	 				+	
200.9	292.0	MAFIC TO INTERMEDIATE FLOW and/or TUFF with rhyolite tuff lenses - similar to 147-221',			1						
		lower ≆ 7' is a dacitic tuff (i.e. siliceous).			<u> </u>	<u> </u>				I	
		schistosity at 52°.			<u> </u>	1					
				l				1			
		271.7-272.5: Rhyolite tuff.									
		280.3-282.5: 40% rhyolite tuff lenses with trace	81101	280.3	282.5	2.2	Nil				
		to 1% pyrite, mafic tuff is siliceous with 30%									
		epidote ± carbonate bands, 1%-2% pyrite.				1					
•	1										
	1	282.5-284.6; Rhyolite lapilli tuff.			Ī	1					
	 	TOOLS TOLIVE MILITARES TAXABLE PROPERTY.			<u> </u>						
	 	 	·····		1	1		1		1	

DIAMOND DRILL RECORD

HOLE No: 157-19

									PAGE	N2: 7	of • 7	
FOOT		DESCRIPTION			MPLE		Au	Ag	Cu	Zn		
from	to		NΩ	from	to		lwt/ton		%	%		l
	<u></u>	284.6-286.6: Mafic-intermediate tuff(?); 2%-3%	81102	284.6	286.6	2.0	Nil					
		disseminated pyrite, 2% quartz veinlet.										
	292.0	END OF HOLE		·	 						-	_
	2,2.0	LIND OF HOLD			 	 			 	 		┢
		No significant radioactivity or fluciosconce							ļ			
		All casing was left in the hole				ļ						
		Core stored at Dome Mine Property										\vdash
		South Porcupine, Ontario			<u> </u>							
		Drilling by Bradley Brothers Ltd.										
		Noranda, Quebec.		ļ	 							-
		m 11.			 	 						\vdash
		3 Weekhum										
	 			ļ. <u></u>	<u> </u>	ļ				 		╀
	<u> </u>				<u> </u>							<u> </u>
	1				ļ							\Box
	 		 	ļ	 	 			ļ	ļ		╁─
	1											上
			<u> </u>		 	 -				ļ	 	╁╾
					 	 	1			 	 	t^-
												$oxed{\Box}$
	 				1	+	 	-		 	ļ	+
												\Box
					-	 	 		 			+
	 			<u> </u>	1	<u> </u>			<u> </u>	<u> </u>		
	1	<u> </u>	1		1	T	I		1	Ţ	1	T

LOCATION:	L112+00	E, 68+70S. 560' South									_	HOLE	NQ	·	
	ast of No	o. 4 Post, Claim P.524489	- !	DI	AMOND D	RILL RE	CORD							-20	
AZIMUTH:	0°		-							PROPERTY	r PRO.	JECT 157	- Area	s of Su	ınday L.
					· · · · · · · · · · · · · · · · · · ·		and	West of	Sunday				g Divis	ion, On	tario
DIP:	-55	5°	LENGTH:	312.6'	ELEVA	TION:				CLAIM N	P.	524489			
0740750		00 100/	CODE DIZE		CVCTC	M OF MEAS	une.	TANDEN TAX		SECTION:					
STARTED:	Jar	nuary 29, 1984	CORE SIZE:	AQ	31316	M UP MEAS	UKE:	IMPERIAL		SECTION.					
COMPLETE): Tar	nuary 31, 1984	DIP TESTS (CORRECTED):	At 312	2.61 -48	0			LOGGED	BY: R	. Needha	m		
		14417 31, 1707			341	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						· necuno			
PURPOSE	То	test the lateral extensi	on of the	main miner	alized zo	one.	marrier in a state organization of the			DATE LO	GGED:	January	30 - Fe	bruary	1, 1984
FOOT		DESC	RIPTION				SA	MPLE		Au	Ag	Cu	Zn		
from	to					No.	irom	to	Length	dwt/ton		%	%		
0.0	32.6	CASING IN OVERBURDEN							 	ļ		ļ			<u> </u>
								 	 			-	 	 	
32.6	33.5	RHYOLITE FLOW (?): Med grained to very fine gr						 	 	 			 	 	
		5% - 10% disseminated b						 	 	 		+	t	 	
		schistosity, lower cont						 	 	 			 	 	-
		axis.	400					1	†			 			†
									1						
33.5	42.1	MAFIC TUFF: Carbonate	banded, so	histose, d	lark										
		green grey with 5% - 50										ļ			
		bands, fine grained, ha						 	ļ			ļ	1		ļ
		bands parallel to schis			ly to			_		 		<u> </u>			_
		moderately magnetic, lo	wer contac	et at 53°.				ļ	ļ			 			
								 	 			 		 	
		33.5-35.4: As above.	**************************************			81034	33.5	35.4	1.9	0.04		<u> </u>		 	+
42.1	45.6	INTERMEDIATE TO ACID TU	IFF AND LAF	PILLI TUFF:		81035	42.1	45.6	3.5	Ni1		†	İ	†	1
	1,3,0	Lapilli - light grey to						1	1	1					
		> 5, locally oxidized.						I	1						
		Tuff - medium to dark g	rey very f	fine graine	ed,					<u></u>					<u> </u>
		hardness > 5, siliceous	, 1%-2% fi	inely disse	minated			<u> </u>		ļ					ļ
		pyrite.								 			ļ		
		- minor chloritized and tuff lenses.	biotite b	earing maf	ic .				<u> </u>	<u> </u>		ļ			ļ
		- lower contact at appr	oximately	55°,											ļ
												ļ	<u> </u>		
Į.	ļ	1			- 1		ł	1	}	}		}	}	1	}

DIAMOND DRILL RECORD

HOLE No: 157-20

3E N9:

2 * 6

FOOTA	GE I			SAI	MPLE		A.,	Resease	Ava			
from	to	DESCRIPTION	NŶ	from	to	Length	# / ton	Reassay Au dwt/ton	"XB"	Zn %	!	
45.6	110.7	MAFIC TUFF WITH MINOR ACID FLOWS OR TUFFS:					IWL/IOII	10WL/ LOU	IWL/ LOI			
-77.0	110.7	MAFIC TUFF: Medium to dark green, fine-medium		 -							·	\vdash
		grained, hardness 3-1/2 to 4, heavily schistose,										
		locally moderately to heavily biotite bearing.			 		<u> </u>			ļ		
		lightly magnetic, lightly carbonatized, schistos-			· · · · · · · · · · · · · · · · · · ·			 				
		ity at 54°, minor more siliceous and finer grained			ļ			 			 	┼
		mafic-intermediate bands.										
		ACID VOLCANICS: Light to medium grey, fine grain-			<u> </u>							
		ed, hardness > 5, disseminated biotite flakes are				ļ						<u> </u>
		common, relatively poorly developed foliation at									<u> </u>	
		49°, moderately magnetic, trace pyrite grains,										
		sharp contacts parallel to foliation.						<u> </u>				
											L	<u> </u>
		53.4-55.0: 0.2' quartz carbonate vein, 30% seri-	81036	53.4	55.0	1,6	N11					
		citized bands.										
									_			1
		67.7-70.0: 10% acid volcanic, trace-1% pyrite,	81037	67.7	70.0	2.3	Ni1					<u> </u>
		10%-15% carbonatized bands [±] quartz.									<u> </u>	
		72.8-74.6: 15% acid volcanic, trace-1% pyrite,	81038	72.8	74.6	1.8	N11					<u> </u>
		15% carbonatized bands.									<u> </u>	
											<u> </u>	
		87.9-89.4: 100% acid volcanic: magnetic, trace	81039	87.9	89.4	1.5	N11					
		pyrite, disseminated biotite.					<u> </u>					
					<u> </u>	<u> </u>	<u> </u>				↓	1
		104.0-106.2: Similar to 87'-89': more dissemin-	81040	104.0	106.2	2.2	N11	Nil	N11			
		ated biotite.		<u></u>			<u> </u>					↓
				<u> </u>					_			<u> </u>
		109.8-112.2: 60% acid volcanic: lower mafic-	81041	109.8	112.2	2.4	Nil	L				<u> </u>
		intermediate flows(?) are siliceous with 1%-2%						1 1			1	1_
		pyrite.				<u> </u>	<u> </u>			<u> </u>	1	
110.7	186.4	MAFIC-INTERMEDIATE FLOW: Siliceous, fine grained.			L	[<u> </u>	
		- dark green to grey, fine to very fine grained,										\bot
	ſ	hardness 4-1/2 to 5, light to moderately										

DIAMOND DRILL RECORD

HOLE No: 157-20

MAGE NO:

3 **of ·** 6

FOOTAGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		
from 10	DESCRIPTION	NΩ	from	to	Length	dwt/ton		%	%		
	developed schistosity, moderately to heavily										
	siliceous, locally heavily biotite impregnated;										
	ground core at 166'; from 67.4'-72.7' core is										
	very siliceous and blocky; more tuffaceous units]		
	towards the bottom of unit.										
	133.1-137.1: 10%-15% quartz veinlets and blebs,	81042	133.1	137.1	4.0	Ni1					
	1%-2% pyrite, locally heavily biotite impregnated.										
	137.1-139.0: 3% quartz carbonate stringers with	81043	137.1	139.0	1.9	0.04					
	trace-1% pyrite.										
	139.0-142.4: 1.2' heavily siliceous dacitic (?)	81044	139.0	142.4	3.4	N11					
	band, upper 2.2' is heavily biotite impregnated										
	with 1%-2% pyrite; 3% quartz blebs.										
	142.4-144.5: 5% quartz veinlets, trace-1% pyrite.	81045	142.4	144.5	2.1_	Ni1					
	165.3-167.4: 3% quartz veinlet, 10% carbonate	81046	165.3	167.4	2.1	0.04					
	bands, trace sulphides.				T						
	167.4-172.7: Siliceous dacitic (?) band, trace-	81047	167.4	172.7	5.3	N+1					
	1% pyrite.									1	
									Ī		
186.4 291	.6 MAFIC TUFF - AGGLOMERATE WITH MINOR ACID TUFF				Ţ						I^-
	LENSES: - dark green to grey, fine to medium								l		I
	grained, hardness 4-5, heavily chloritized and										
	biotite bearing, moderately to heavily schistose,				1						
	lightly to moderately magnetic, trace-1% pyrite,										
	upper 12.2' has wispy bleached stringers and/or										
	bands (altered epidote?).]						Ţ		
1	ACID TUFF: Creamy white to light grey, fine										
	grained with fine to medium grained biotite grains,										
	hardness > 5, bedding- foliation is locally										
	contorted, trace-1% pyrite grains, upper and lower	I	T	T	1	1		1	1		T

DIAMOND DRILL RECORD

HOLE N9: 157-20

PAGE NE:

4 • 6

FOOTAGE	DESCRIPTION			MPLE	,	_~~	Reassay Au	A.:. I	Zn	
from to		NΩ	from	to	Length	dwt/ton	dwt/ton	dwt/ton	%	L
	contacts generally parallel to schistosity at 52°.				 					
										
	186.4-189.3: 20% heavily biotite bearing bands	81048	186.4	189.3	2.9	Nil				
	with 1%-2% pyrite; 0.1' quartz veinlet.									
				<u> </u>						
	190.3-192.2: 0.3' quartz vein, 15% bleached bands	81049	190.3	192.2	1.9	Nil				
					L	l				
	193.5-200.3: Acid tuff lenses; trace-1% pyrite.	81050	193.5	194.9	1.4	N11	Ni1	Nil		
		81051	198.5	200.3	1.8	Nil				
	203.8-205.6: 0.1' guartz vein at 65°.	81052	203.8	205.6	1.8	N11				
						L				
	206.8-208.4: Quartz feldspar vein with 5%-10%	81053	206.8	208,4	1.6	Nil				
i	epidote and biotite stringers; trace-1% pyrite.									
	208.4-209.9: 5%-10% epidote stringers in a	81054	208.4	209.9	1.5_	N11				
	siliceous banded tuff, trace-1% pyrite.									
	219.8-222.0: Intermediate tuff; lightly bleached.	81055	219.8	222.0	2.2	Nil				
	1%-2% pyrite.									П
										Γ
	242.2-244.2: Similar to 193-200'.	81056	242.2	244.2	2.0	Ni 1	I			
	250.9-252.6: 20% quartz blebs, contorted foliation	81057	250.9	252.6	1.7	0.04				
	255.8-257.9: Similar to 193-200'; 3%-5% pinkish	81058	255.8	257.9	2.1	Nil				
	feldspar stringers.									
	260.2-262.1: Mafic flow lense?; 3% quartz blebs,	81059	260.2	262.1	1.9	Nil				
	1% disseminated pyrite, lightly silicified,									
	263.4-268.6: Moderately epidotized zone with	81060	263.4	268.6	5.2	0.04	Ni1	0.04		
	1% - 2% disseminated pyrite, lightly to moderately									
	bleached; 1% quartz stringers, contorted foliation.									
				1		1				T

DIAMOND DRILL RECORD

HOLE No: 157-20

PAGE NO:

FOOTA	GE	DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	N9	from	to	Length	dwt/ton		%	%		
		274.5-276.0: Similar to 260'-262'; moderately	81061	274.5	276.0	1.5	Ni1					
		siliceous (dacitic?).								† · · · · · · ·		_
				,						<u> </u>		
		284.7-289.3: Acid tuff; lower 3.3' has irregular	81062	284.7	289.3	4.6	N11		1	 		
		quartz blebs and disseminated biotite - chlorite,							1			_
		blebs and stringers, trace-2% pyrite, upper and				1			1	1		✝
		lower contacts at 59° and 40° respectively.			1	1			1	† · · · ·		<u> </u>
					1					<u> </u>		T
291.6	312.6	MAFIC TUFF or FLOW: Minor epidote bands.	-LIGHT1	Y TO MO	DERATELY	MAGNET	ic-					┢
		- dark grey green, fine grained, hardness 4 to		1	T	1				† · · · · ·		
		4-1/2. lightly to moderately schistose at approx-			1	1						1
		imately 45°, upper contact at 49°, upper 0.8' may				1					1	
		be dacitic.										┢
						†	<u> </u>		 	 	†	Ť
		290.0-292.3: 0.2' rhyolite band: 2%-3% epidote	81063	290.0	292.3	2.3	N11		<u> </u>	1		╁╌
		± carbonate stringers, 1%-2% pyrite grains and		70.0	************************************	1	1		1		1	T
		stringers.			<u> </u>				<u> </u>	†	1	┢
			·	<u> </u>	 	1			†			T
		304.0-307.1: 10%-15% quartz-feldspar blebs and	61064	304.0	307.1	3.1	0.04			1	1	
		veinlets with epidote + pyrite selvages.	02001	35.110	1	1	1		<u> </u>	 	1	\vdash
		Vernieto with epidote - pitte soridaes.		<u> </u>	1	1	1	·-···	<u> </u>	 		1
		307.1-309.0: 3% carbonate stringers ± 1%-2%	61065	307.1	309.0	1.9	Nil		<u> </u>	1	1	1
		pyrite and/or epidote; 1/2" quartz veinlet.	01005	307.1	1 307.0	 •••	 ''		† — —		1	t
		pyrite and/or epidote, 1/2 quartz vermet.			†	*	+			 	†	†-
		310.5-312.6: 10% epidote stringers and bands.	61066	310.5	312.6	2.1	N11	-	1			
		1%-2% disseminated pyrite.	01000	310.3	712.0		1 17 1		 	1		✝
		Ziv Ziv Zivizivi		 	 	 	†		† — —	†	<u> </u>	T
	312.6	END OF HOLE				1	†		†	+	1	T
	312.0	LIND OF HOLD			 	+	 		†	 	+	十
	.,	No significant radioactivity or fluorescence.			 	 	 		†	 	†	✝
-		NO SIEMITICANT TAGTOACTIVITY OF ITUOTESCENCE.	 	 	 	 			 	+	 	†-
		A11	ł	 	 	+	+	 	 	 	 	+
		All casing left in the hole.	 	 	 	+	 	<u> </u>	 	+-	†	+
+		Constant of Page May Property	 	 	+	+	 	 	 	 	 	+
		Core stored at Dome Mine Property, South Porcupine, Ontario	 	 	+	+	+		 	 	+	+
		South rorcupine, Uncario	L.——	 		ــــــــــــــــــــــــــــــــــــــ		.	ــــــــــــــــــــــــــــــــــــــ		. 	ــــــــــــــــــــــــــــــــــــــ

HOLE NO: DIAMOND DRILL RECORD 157-20 PAGE Nº: 6 of · 6 FOOTAGE SAMPLE Cu % Au Ag Zn DESCRIPTION to NO Length dwt/ton from from % Drilling by Bradley Brothers Ltd. Noranda, Quebec

DOME EXPLORATION (CANADA) LIMITED

LOCATION:		DE, 68+00S. 1240' South of No. 1 Post, Claim P.52	4480	DIAM	OND DR	ILL REC	ORD					HOLE		7-21	
AZIMUTH:	, meat C	0°	7707			_	•		,	PROPERT	Y: pp(JECT 15			nday
·						I	ake and	West of	Sunda	y Lake.					
DIP:		-54°	LENGTH:	3001	ELEVATI					CLAIM N					
STARTED:		January 27, 1984	CORE SIZE:	AQ	SYSTEM	OF MEASU	IRE: IM	PERIAL		SECTION					
COMPLETED		7 20. 100/	DIP TESTS (C	OPPECTED):						LOGGED	9V. D				
COMPLETED		January 29, 1984	DIF 16313 (0	ORREOTED).	at 300)', -42°4	12.			LUGGED	ы. в.	Needha	<u> </u>		
PURPOSE:		TO TEST THE LATERAL EXTE	NSION OF TH	E MAIN MINER	ALIZED	ZONE				DATE LO	GGED:	January	29. 19	84	
												_ _			
FOOT	AGE	DESC	RIPTION				SAI	MPLE		Au	Reassay Au	Ayg.	Zn	Ţ	
from	to		NIP 170N			No.	from	10	Length	dwt/ton	dwt/ton	dwt/ton	%		
0.0	24.3	CASING IN OVERBURDEN								ļ				ļ	
24.3	00.7	MAFIC TUFF ± INTERMEDIA	ni muno			10047	MACUET	7.0		ļ				 	
24.3	98.7					-LOCALIN	MAGNET	10-	 					 	
		dark green to grey, fin ness 4 to 4-1/2, local												<u> </u>	
		bands, moderately to he												1	
		along cleavage is commo	n, schistos	sity at 52° t	0					ļ					
		the core axis; lower 32							ļ					.	
		to medium grey siliceou			itic	.			 	 -				·	
		bands are locally quart bleached, with trace-2%			rito				 	 				·	
 		contacts with mafic vol							 	 					
		approximately 50-55°, 1							1	<u> </u>				 	1
		marked by the absence o								1					
		41.2-63.7: Selected sa				81001	41.2	43.1	1.9	N11	Nil	N11		ļ	ļ
		siliceous bands with tr			ted	81002	46.7	47.9	1.2	Nil.				<u> </u>	ļ
		pyrite, trace-2% quartz				81003	51.2	52.6	1.4	N11					ļ
		bleb at 41.4'.				81004	63.0	63.7	0.7	<u>N11</u>					
 		67.4-68.4: Dacitic(?),	moderately	to heavily		81005	67.4	68.4	1.0	N11	t			 	
		siliceous lense: 1%-2%			ture	24002		1	1.0	† ****	†				1
		trace pyrite.		_					L		Ī	<u> </u>		1	
		. ,		·						1					
		70.5-72.8: Similar to				81006	70.5	72.8	2.3	Nil					ļ
		1" quartz impregnated b							ļ	-	 				
		Also 2, 0.5' mafic schi	st or tuff	lenses.		1		L	1	1	1	1	1	. 1	1

DIAMOND DRILL RECORD

HOLE No: 157-21

2 of • 6

Au Reasea Avg.
Au Au Au
Length dwt/ton dwt/ton dwt/ton FOOTAGE SAMPLE Zn DESCRIPTION N9 from from 74.9-79.2: Similar to 70'-72'; mafic tuffs are 81007 74.9 79.2 4.3 N11 highly schistose. 79.2-83.0: Alternating lenses of schistose, mafic 79.2 83.0 81008 3.8 Nil tuffs and acid tuff heavily silicified lenses (possible bedding at 45°), 5%-10% quartz stringers and/or blebs, silicified bands have 2%-3% pyrite. 83.0-85.4: Similar to 67'-68': 0.5' mafic 81009 83.0 85.4 2.4 Nil schist at the beginning of sample, 10% quartz inpregnation, bedding at 50°. 88.5-89.3: 0.2' silicified band with light 81010 88.5 89.3 0.8 N11 0.04 0.02 orange oxidation and trace pyrite and sphalerite. 93.5-94.7: 3, 1-2" quartz veins at 57°. 93.5 94.7 81011 1.2 Nil 96.3-97.9: Medium to light grey dacitic siliceous 81012 96.3 97.9 N₁1 lense, bedding (?) at 50°, trace-1% pyrite. 98.7 154.3 MAFIC TO INTERMEDIATE FLOW: Aphanitic - dark grey-green, fine grained to aphanitic, hardness 4-5, lightly schistose, local dacitic bands, trace pyrite, disseminated biotite, trace-1% carbonate stringers parallel to schistosity, schistosity increases towards the base of unit, lower contact at 41°. 112.4-113.2: 0.2' quartz vein with 1% garnets 81013 | 112.4 | 113.2 122.9-124.9: 0.1' quartz vein at 78°, 1%-2% car-81014 122.9 124.9 2.0 'Nil bonate stringers at 50°-70°. 159.7 154.3 INTERMEDIATE TUFF: Locally bleached. - dark grey to medium purplish grey, fine grained, hard-

DIAMOND DRILL RECORD

HOLE No: 157-21

PAGE NE:

F007	AGE	DESCRIPTION		SA	MPLE		Au	Keassa	AVE.	Zn	,	
from	to	DESCRIPTION	NÝ	from	to	Length	Au dwt/ton	dwt/ton	dwt/ton	%		
		ness 4-1/2 to 5-1/2, minor chloritized mafic tuff										
		lenses, locally silicified and/or bleached, lower										
		contact at 52°.										
		154.3-156.6: Moderately bleached and heavily	81015	154.3	156.6	2.3	N11					
		silicified zone, 0.1' quartz vein at 51°, trace										Г
		pyrite.										
159.7	197.6	MAFIC TUFF: Carbonatized, schistose medium	-LIGHTI	Y TO MOI	ERATELY	MAGNET	tc-					
		to dark green to grey, fine grained, hardness 4,										
		10%-50% carbonate (ankerite) impregnated bands										
		generally parallel to schistosity at approximately									I	
		45°, locally carbonatized bands are also silic-										
		ified, partial gneissic development, lightly to										\Box
		moderately magnetic, biotite is common in the										
		matrix, trace to 1% pyrrhotite ± pyrite, lower										
		contact at 48° (poorly defined).										
		178.5-180.5: 15% carbonatized + silicified bands,	81016	178.5	180.5	2.0	N11					
		1%-2% pyrrhotite [±] pyrite.										
												\Box
		184.6-187.9: 30% carbonatized bands-zones.	81017	184.6	187.9	3.3	Nil					
		2%-3% pyrrhotite blebs and grains.										
					ļ	 	ļ				 	↓
		189.0-190.2: 20% carbonatized bands, 2% pyrrho-	81018	189.0	190.2	1.2	N11					
		tite [±] pyrite.				-	ļ					
····	ļ				-	ļ		ļ				┼
	ļ	195.4-197.6: Moderately silicified and carbon-	81019	195.4	197.6	2.2	Nil					+
		atized, trace-1% pyrite, occasional carbonate bleb.		 	<u> </u>	 -	 	 			 	+
197.6	229.4	INTERCALATED MAFIC-INTERMEDIATE TUFFS:			 	 	 	1			1	+
==:	1	MAFIC TUFFS: Dark green, fine grained, hardness						1				
		3-1/2 to 4, heavily chloritized and biotite bear-			I	T		I				\mathbf{I}^{-}
		ing, moderately to heavily schistose, lightly to			I							
	1	moderately carbonatized generally parallel to			T	1		I .				T

DIAMOND DRILL RECORD

HOLE NO. 157-21

PAGE NO: 4 of . 6

FOOTA	GE	DESCRIPTION		SAI	MPLE		Au	Reassa	Avg.	Zn		
from	to	DESCRIPTION	NP	from	to	Length	dwt/ton	dwt/ton	dwy/ton	%		<u> </u>
		schistosity, trace-2% disseminated sulphides with										
		local bands of semi-massive pyrrhotite + pyrite.										
		INTERMEDIATE TUFFS: Medium to dark grey, fine										
		grained, hardness 4-1/2 to 5-1/2, only slightly										
		to lightly schistose, more felsic bands occasion-										
		ally have 1%-2% disseminated sulphides.										
		- lower contact of unit at 48°.				L						
												L_
		197.6-199.8: 10%-15% quartz bleb impregnation	81020	197.6	199.8	2.2	0.04	Nil	0.02			
		1%-2% pyrrhotite, trace pyrite.			ļ	-					ļ	<u> </u>
		201.3-203.5: 3%-5% quartz blebs, 2% pyrrhotite	81021	201.3	203.5	2.2	N11				 	
		parallel to schistosity, locally contorted.	01021	201.3	203.3	***	****				 	
		parallel to senistosity, locally contolled.	- · · · · - · · · ·	·	<u> </u>	 -	†				 	m
		204.2-204.9: 0.3' semi-massive pyrite band in	81022	204.2	204.9	0.7	0.04					
		intermediate volcanic unit, slightly bleached ad-			<u></u>						<u></u>	
		jacent to sulphide band.			<u> </u>							↓_
				<u> </u>	<u> </u>	<u> </u>		<u> </u>			ļ	↓_
		204.9-208.0: Intermediate volcanic; lightly	81023	204.9	208.0	3.1	N11				<u> </u>	↓
		bleached + silicified zones have 1%-3% dissemin-		<u> </u>	ļ							↓
		ated pyrrhotite + pyrite.									L	<u> </u>
											1	↓_
		208.0-211.5: 15% quartz vein separating mafic	81024	208.0	210.2	2.2	Nil					<u> </u>
		tuff from intermediate tuff? with 1%-2% pyrite	81025	210.2	211.5	1.3	Nil_	ļ			 	↓
	· ·			ļ	ļ	ļ		ļ			 	↓_
		211.5-213.8: 2% pyrite + pyrrhotite, 2% quartz	81026	211.5	213.8	2.3	Ni1_					↓
		stringer.	·		↓	<u> </u>	ļ	 			ļ	↓_
				ļ	ļ	ļ					 	╁
		213.8-214.6; rhyolite tuff-lapilli tuff; 2%	81027	213.8	214.6	0.8	N11	 	} -		 	+
		pyrite.		 	 	 	 	[-		ļ	\	+
		214.6-216.7; 0.2' semi-massive pyrrhotite band,	81028	214.6	216.7	2.1	Ni1	 			 	+
												Γ
229.4	282.6	INTERCALATED MAFIC and ACID TUFFS: approximately									<u> </u>	_
		60% (32') rhyolite tuff to lapilli tuff lenses,				I	ı .	[L	l	1	L

DIAMOND DRILL RECORD

HOLE Ng: 157-21

PAGE NO

5 **of ·**6

FOOT	GE	DESCRIPTION		SAI	MPLE		Au	Reassa		Zn		
from	10	DESCRIPTION	NÝ	from	to	Length	dwt/ton	Au dwt/tor	Au dwt/ton			
		contacts between mafic and acid tuffs are sharp,										
		lower contact at 57°.										
		Mafic tuffs: similar to 197'-229' mafic tuffs;			I							
		moderately to extremely "biotite bearing" locally										
		with biotite veinlets, trace-2% pyrite + pyrrho-										
		tite.										
		Acid tuffs: creamy white with light to medium										
		grey or green bands, fine grained locally with										
		medium grained lapilli clasts, hardness >5-1/2.										
		rare pyrite grain, some disseminated chlorite										
		blebs and/or stringers, locally garnetiferous.										
		249.7-251.1: Biotite rich mafic tuff with 1%-2%	81029	249.7	251.1	1.4	Nil					
		pyrite + pyrrhotite.										
						<u> </u>	ļ					
		254.3-255.0: Intermediate tuff; siliceous, 2%-3%	81030	254.3	255.0	0.7	0.04	N11	0.02			
		pyrite.			<u> </u>		<u> </u>			ļ		
				ļ	<u> </u>	ļ					ļ	
282.6	300.0	MAFIC-INTERMEDIATE TUFFS: Similar to 197'-229';			ļ <u>.</u>	ļ	<u> </u>					
		locally contorted foliation.			ļ	ļ		ļ				
			ļ			ļ						
		282.6-284.3: 0.1' quartz vein, 1% pyrite.	81031	282.6	284.3	1.7	Nil					
	ļ				<u> </u>	 						
	ļ	288.4-290.0: Intermediate to acid flow or tuff:	81032	288.4	290.0	1.6	N11	 	ļ			
	}	2%-3% pyrite grains and stringers.	}	}	 	 	 	}			 	
			ļ	ļ		ļ	 	 	ļ <u>-</u>	ļ	 	
	ļ	292.6-295.6: 2% quartz veinlet, heavily biotite	81033	292.6	295.6	3.0	N11	 	 	 	 -	
		bearing, 2% pyrrhotite.	ļ	ļ	 	ļ	 	 	 	ļ	 -	
	 			 	 -	 	 	 -		 	├ -	
	300.0	END OF HOLE	ļ	 	 	 	 	 	 	ļ——	┧───	
	 				 	 	 	 	 	}	 	
	 	No significant radioactivity or fluorescence.	 	 	 	 	 	 	 	 	 -	
	<u> </u>				}	1	 	 	 	 	┼	
	ļ	Casing left in the hole.			 	 			 	 	├ ──	
			l	<u></u>	<u> </u>	L	1	1	1	·		

DOME EXPLORATION (CANADA) LIMITED HOLE No: 157-21 DIAMOND DRILL RECORD PAGE NO: Au Reassay Avg. Ze Au dwt/ton dwt/ton dwt/ton dwt/ton SAMPLE FOOTAGE DESCRIPTION from to NP from Length Core stored at Dome Mine Property
South Porcupine, Ontario Drilling by Bradley Brothers Ltd. Noranda, Quebec B needham

		1 Post, P.524376		ND DRILL R	ECORD					HOLE		57-24	
AZIMUTH:	360)°								ECT 157,			
						of Sur	nday La	ke Areas			ning Di	vision,	Ontari
DIP:	-47	7	LENGTH: 392.0' E	LEVATION:				CLAIM N	P.524	376			
STARTED:	Maı	cch 7, 1984	CORE SIZE: A.Q. S	YSTEM OF ME	ASURE: I	PERIAL		SECTION:					
COMPLETED): Mai	rch 8, 1984	DIP TESTS (CORRECTED): A	t 392.0'	-45°45'			LOGGED	BY: D.	S. Hunt			
PURPOSE	то	TEST MAGNETIC HIGH AT 44	+50S, 32+00E.					DATE LO	GGED:	March 9	, 1984		
FOO	TAGE	DESC	CRIPTION		SA	MPLE		Αu	Ag	Cu	Zn		Ţ
from	to		ONIF HON	No.	from	to	Length	dwt/ton		%	%		
0.0	37.8	CASING IN OVERBURDEN				 	┼	1					
37.8	387.2	DIORITE AND GRANODIORIT	E: Dark pinkish green t				 	 					
		pale pink; coarse to ve	ry coarse grained; hard	to				<u> </u>	· · -			I	
			alogical composition is				<u> </u>	ļ				ļ	ļ
	-		to 80%; hornblende 10% t biotite 1% to 5%. Weakl				 	 					
						-		 				ļ	ļ
		Local weak foliation at	feet and 280.0 to 387.2 25° to 50° to core axis										
		Disseminated garnets ar 89.6'to 124.1'; 30% - 1	e present as follows: 3% 24.1' to 125.5'; 1% to 3	<u>-</u> % -								<u> </u>	
		125.5' to 236.0'.											
		Trace to 2% disseming pyrrhotite are present	ated pyrite and trace where the rock is not										
		garnetiferous.					ļ	ļ		L		ļ	
		49.1-49.5: A 0.2' quar	ta voia at 25° to 70°	81484	49.1	49.5	0.4	Ni1		<u> </u>			
		47.1-47.3; A V.2 quar	tz vern at 23 to 70 .	01404	47.1	43.3	10.4	1411		<u> </u>		 	
		54.2-55.5: A quartz ve	in at 35° to 75°. Trace	81485	54.2	55.5	1.3	Nil		İ			1
		pyrite.								ļ			1
						 	 -	 					
		56.3-57.2: A quartz ve	in at 10°. 1% pyrite.	81486	56.3	57.2	0.9	N11		·	···	 	
		57.6-58.7: A quartz ve	in at 30°.	81487	57.6	58.7	1.1	Ni1				ļ	ļ
		66.1-66.6: A quartz-fe	ldspar vein at 40° to 85	°. 81488	66.1	66.6	0.5	Ni1					
}	}	<u> </u>				<u> </u>	1	1	L	<u> </u>	.	1	1

DIAMOND DRILL RECORD

HOLE NO: 157-24

NGE NO:

2 of • 3

F001	AGE	DEAD DE LOS		SA	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	NΩ	from	to	Length	dwt/ton		%	%		
		76.4-77.4: A quartz vein at 30°. 2% pyrite con-	81489	76.4	77.4	1.0	Nil					
		centrated along vein margins.										
									L			
		84.6-84.9: A quartz-feldspar vein at 70°.	81490	84.6	84.9	0.3	Nil					
						ļ			l			
		110.8-111.2: A quartz-feldspar vein at 30°.	81491	110.8	111.2	0.4	Nil					Ļ
						 			<u> </u>			
		186.1-186.3: A chloritic stringer at 40°.			ļ	 	-		ļ	}	 	ļ
						 	 		 			
		202.0: A thin epidote stringer at 50°,			 	 	 		 	 		├
		275.2: A thin epidote stringer at 40°.				 	 		 	 		╁
		273.2: A thin epidote stringer at 40.			 	 	 		 	 	 	+-
		280.5: A 0.1' feldspar-quartz vein at 60°.			 	 	 			 	 	i —
	- ,	200.3. A 0.1 Teruspar-quartz verm at 00 .				 				†		
387.2	392.0	ARGILLITE OR MAFIC ASH TUFF: Medium grey; very				†						
30/12	37210	fine to fine grained; moderately soft. Weak	····			<u> </u>				†		
		schistosity at 60°. Trace pyrite.			1							
	392.0	END OF HOLE										
										<u> </u>	<u> </u>	<u> </u>
		A broken rod at 392' caused abandonment of hole.				ļ						
						<u> </u>				<u> </u>		
		Drilling by Bradley Brothers Limited			ļ	↓	ļ			ļ	↓	
		Noranda, Quebec			 	 	ļ	 	 	-	 	
					 	ļ			ļ.———	<u> </u>	 	
		Core stored at Dome Mine, South Porcupine, Ontario		<u> </u>	 	├ ──	 	<u> </u>	 	 	 	+
	ļ			ļ	 	 	 	<u> </u>	╁	 	 -	+
		Core checked for radioactivity and fluorescence. Nothing of interest.		 	 	 	 	 		 	 	+
		nothing of interest.		 	 	†	1 7	100	} 	17	T	+
	<u> </u>	All casing left in hole.		 	 	1	1		11/1	V// -	/─	
		OTT CONTINE INTE		<u> </u>		1	1//		V///	W//	 	1
				<u> </u>	1	1	17/1/	10	VV//	// \	 	1
	 							/	1 1		1	T

1270 West of No. 1 Post, P.524379	LOCATION:		, 20+00E. 585'South	-							HOLE			
Dip		est of N		DIAMON	D DRILL RE	CORD			*****					
STARTED March 9, 1984 CORE SIZE A.Q. SYSTEM OF MEASURE Imperial SECTION:	AZIMUTH:		360*	_										
STARTED March 9, 1984 CORE SIZE: A.Q. SYSTEM OF MEASURE: Imperial SECTION:	DID.		/79/51	LENCTU: E/OI	FUATION	West o	f Sunday	Lake A	reas, Po	rcupine	Mining	Divisi	on, Ont	ario
COMPLETED March 11, 1984 DIP TESTS (CORRECTED): at 540 ft35°15' LOGGED BY: D. S. Hunt	- UP:		-4/ 45	LENGTH. 340. ELI	EVALION:	·			CLAIM N	2; P.D.	243/9			
COMPLETED March 11, 1984 DIF TESTS (CORRECTED): at 540 ft35*15' LOGGED BY D. S. Hunt	STARTED:	М.	arch 9. 1984	CORE SIZE: A.O. SY	STEM OF MEA	SURE: I	mperial		SECTION:					
Purpose: To TEST MAGNETIC HIGH AT 30+00S, 20+00E DATE LOGGED: Mar. 10, 11, 1984			<u> </u>											
POCITAGE DESCRIPTION No. No. No. No. No. No. Langth Mar/ton No. No. No. No. No. Mar/ton No. No. No. No. Mar/ton No. No. No. No. Mar/ton No. No. No. No. No. Mar/ton No.	COMPLETE): M	arch 11, 1984	DIP TESTS (CORRECTED): a	t 540 ft.	-35°15'			LOGGED	BY: D.	S. Hunt			
POCITAGE DESCRIPTION No. No. No. No. No. No. Langth Mar/ton No. No. No. No. No. Mar/ton No. No. No. No. Mar/ton No. No. No. No. Mar/ton No. No. No. No. No. Mar/ton No.														
Trom to	PURPOSE	T	O TEST MAGNETIC HIGH AT	30+00S, 20+00E					DATE LO	GGED:	Mar. 1	0, 11,	1984	
153.0 102.0-102.9: Two feldspar-quartz veins, to 0.15', at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81492 133.3 133.7 0.4 Nil 153.0: Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greysh green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50° to core axis, Locally banded. Schistosity at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally at 50° to core axis, Locally banded. Schistosity at 50° to core axis	FOO	TAGE			T	S A	MPLE		A _{II}	Ag	Cu		I	
27.7 153.0 QUARTZ-FELDSPAR BIOTITE SCHIST: Possibly of sedimentary origin. Medium grey or pale purplish green; fine grained; moderately hard to hard. Schistosity at 50° to core axis. Locally banded. Very rare scattered garnets below 107.0 feet. Rare thin quartz stringers. Trace pyrite. 69.8-70.6: A thin quartz stringer at 10°. 81492 69.8 70.6 0.8 Nil 102.0-102.9: Two feldspar-quartz veins, to 0.15', 81493 102.0 102.9 0.9 Nil at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81494 133.3 133.7 0.4 Nil 153.0: Lower contact at 60°. 153.0: Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felskic, medisaic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil			DES	CRIPTION	No.	from	to	Length	1					
sedimentary origin. Medium grey or pale purplish green; fine grained; moderately hard to hard. Schistosity at 50° to core axis. Locally banded. Very rare scattered garnets below 107.0 feet. Rare thin quartz stringers. Trace pyrite. 69.8-70.6: A thin quartz stringer at 10°. 81492 69.8 70.6 0.8 Nil 102.0-102.9: Two feldspar-quartz veins, to 0.15', 81493 102.0 102.9 0.9 Nil at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81494 133.3 133.7 0.4 Nil 153.0: Lower contact at 60°. 153.0: Lower contact at 60°. 153.0: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil	0.0	27.7	CASING IN OVERBURDEN											
sedimentary origin. Medium grey or pale purplish green; fine grained; moderately hard to hard. Schistosity at 50° to core axis. Locally banded. Very rare scattered garnets below 107.0 feet. Rare thin quartz stringers. Trace pyrite. 69.8-70.6: A thin quartz stringer at 10°. 81492 69.8 70.6 0.8 Nil 102.0-102.9: Two feldspar-quartz veins, to 0.15', 81493 102.0 102.9 0.9 Nil at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81494 133.3 133.7 0.4 Nil 153.0: Lower contact at 60°. 153.0: Lower contact at 60°. 153.0: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil						ļ		 	ļ	F			ļ	
green; fine grained; moderately hard to hard. Schistosity at 50° to core axis. Locally banded. Very rare scattered garnets below 107.0 feet. Rare thin quartz stringers. Trace pyrite. 69.8-70.6: A thin quartz stringer at 10°. 81492 69.8 70.6 0.8 Nil 102.0-102.9: Two feldspar-quartz veins, to 0.15', at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81494 133.3 133.7 0.4 Nil 153.0: Lower contact at 60°. 153.0: Lower contact at 60°. 153.0: A MAPIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil	27.7	153.0	·			 		 	ļ					
Schistosity at 50° to core axis. Locally banded. Very rare scattered garnets below 107.0 feet. Rare thin quartz stringers. Trace pyrite. 69.8-70.6: A thin quartz stringer at 10°. 81492 69.8 70.6 0.8 Nil 102.0-102.9: Two feldspar-quartz veins, to 0.15', at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81494 133.3 133.7 0.4 Nil 153.0: Lower contact at 60°. 153.0: Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil						 	+	 	İ		· · ·		ł -	
Very rare scattered garnets below 107.0 feet. Rare thin quartz stringers. Trace pyrite.					. 1	 	 	 						
Rare thin quartz stringers. Trace pyrite. 69.8-70.6: A thin quartz stringer at 10°. 102.0-102.9: Two feldspar-quartz veins, to 0.15', at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 81494 133.3 133.7 0.4 Nii 153.0: Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally, garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nii					_1	I		I					İ	
102.0-102.9: Two feldspar-quartz veins, to 0.15', 81493 102.0 102.9 0.9 Ni1														
102.0-102.9: Two feldspar-quartz veins, to 0.15', 81493 102.0 102.9 0.9 Ni1							ļ	 						
at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 153.0: Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous, Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Ni1			69.8-70.6; A thin quar	rtz stringer at 10°.	81492	69.8	70.6	0.8	Nil					
at 60°. 133.3-133.7: A 0.1' quartz vein at 60°. 153.0: Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous, Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Ni1			102.0-102.9: Two felds	nar-quartz veins, to 0.15	81493	102.0	102.9	0.9	N11				· · · · -	
153.0; Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5; A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil				span quartz vernoj to ovrz	-11-92733	102.0	1202.7	1	1024					
153.0; Lower contact at 60°. 153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5; A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil														
153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil			133.3-133.7: A 0.1' qu	uartz vein at 60°.	81494	133.3	133.7	0.4	Nil					
153.0 411.3 MAFIC VOLCANICS: Medium greyish green; soft to moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil			250.0			 			ļ				 	
moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil			153.0: Lower contact a	at bu.			+				 		 	
moderately hard; fine grained. A moderate number of thin, intermediate to felsic, gneissic bands. Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil	153.0	411.3	MARIC VOLCANICS: Medi	ium grevish green: soft to		†	-			-				·
Schistosity at 50°. Locally weakly to moderately magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil	133.0	7-4:5				1	1				' '			
magnetic. Locally garnetiferous. Trace pyrite. 179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil			of thin, intermediate t	o felsic, gneissic bands.										
179.9-180.5: A 0.25' quartz vein with irregular 81495 179.9 180.5 0.6 Nil	<u></u>					-	1	ļ	ļ					
			magnetic. Locally gar	rnetiferous. Trace pyrite.	•	+	+			-		-	1	
			170 0 100 5. 4 0 051		01/05	170.0	100 -	10.6					· · · · · · · · · · · · · · · · · · ·	
		 		duares Asiu Mitu illegatar	01432	1/9.9	180.5	U.0	NII		ł ·		 -	
		 				1				I	T	L		

DIAMOND DRILL RECORD

HOLE NO:

PAGE M2: 2 of · 3

FOOT		DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		Т
from	to		NΩ	from	to	Length	dwt/ton		%	%		
		181.5-184.5: 80% quartz as irregular stringers	81496	181.5	184.5	3.0	N11					Ī
		and veins.										Τ
			<u> </u>									
		196.1-197.4: 4% pyrite as disseminated cubes.	81497	196.1	197.4	1.3	Ni1					
												Ι
		197.7-199.0: 5% pyrite, disseminated, and as	81498	197.7	199.0	1.3	Ni1					
		stringers.	J			<u> </u>				<u> </u>		
						<u> </u>						
		238.1-238.6: A quartz vein at 20° to 50°.	81499	238.1	238.6	0.5	N11			<u> </u>		
				<u> </u>	<u> </u>	<u> </u>					1	
		250.5-251.0: A thin quartz vein at 20°.	81500	250.5	251.0	0.5	Nil			L	ļ	<u> </u>
			.							ļ		<u> </u>
		251.7-252.2: A thin quartz vein at 20°.	81539	251.7	252.2	0.5	N11		-			
			ļ			<u> </u>				ļ	<u> </u>	ļ
	<u></u>	327.3-328.3: A thin quartz-calcite stringer	81540	327.3	328.3	1.0	Nil_			ļ		
		parallel to core axis.			ļ		├			 		↓ —
	.		↓		ļ	 						↓
		351.0-351.4: A 0.2' quartz-calcite vein at 60°.	81541	351.0	351.4	0.4	Nil					ـــ
			ļ		ļ	 					 	┤—
		411.3: Lower contact at 70°.	 		<u> </u>					 	-	┼
	ļ			 	 					├	ļ	+
411.3	540,0	QUARTZ-FELDSPAR-BIOTITE SCHIST: Similar to 27.7		ļ	 	 	_			├	 	┼─
		to 153.0. Schistosity at 70°. Trace pyrite.		 	 		ļ			 		┼—
	ļ			 	<u> </u>	 	ļ			 		+
	 	431.8-441.3: Mafic to ultramafic volcanic.		ļ. <u></u>		 				┼	 	+
	ļ	433.0-433.8: A quartz vein with irregular	81542	433.0	433.8	0.8	N11			 	+	+
		margins.	 		-	 	 			+	+	+
	 		}	 	 	 	}			1	 	+-
	 	502.3-502.9: Mafic volcanic.	 		+	 	 			 	+	+-
		502 0 505 0. Wells to ultramelia value	 	ļ <u>-</u>	 	 	 			 	1	+-
	 	523.0-525.2: Mafic to ultramafic volcanic, 525.0-525.2: A quartz vein at 65°.	81543	525.0	525.2	0.2	N11			+	+	+-
	 	JEDIO-JEDIZI IN QUALLE VETIL AL UD I	1 01343	223.0	122.6	10.2	1 11			 	 	+-
	F/0 C	END OF HOLE	 	 	 	 	 			 	+	+-
	540.0	END OF HOLE		 		+	 			+	+	+

DOME EXPLORATION (CANADA) LIMITED HOLE NO: 157-25 DIAMOND DRILL RECORD PAGE NO: 3 of · 3 SAMPLE FOOT AGE Au DESCRIPTION from to from Length dwt/ton % Drilling by Bradley Brothers Limited
Noranda, Quebec Core stored at Dome Mine, South Porcupine, Ontario Core checked for radioactivity and fluorescence, nothing of interest. All casing left in hole,

		12+60W. 290'North,	DIAMOND	DRIII PE	CORD					HOLE	Nº 15	57-26	1
135'We		. 2 Post, P.524606	DIAMORD	J. 11 L.				PROPERTY	· PROJE	CT 157.	Sunday	Lake.	West
		17				of Sunda	v Lake	Porcupi			-		
DIP:	_	49°	LENGTH: 407.0' ELEV	ATION:				CLAIM NO					
STARTED:	Mar	ch 6, 1984	CORE SIZE: A.Q. SYST	EM OF MEAS	URE:	IMPERIAL		SECTION:					
COMPLETED): Mar	ch 8, 1984	DIP TESTS (CORRECTED): At	407' -48°				LOGGED E	Y: D.	S. Hun	ıt		
PURPOSE:	TO	CUT WEAK MAGNETIC HIGH AT	31+658, 12+00W.					DATE LO	GED:	March	8, 198	4	
POO	TAGE				8.8	MPLE		T T			7-	 1	
from	to	DESC	RIPTION	No.	from	to	Length	Au dwt/ton	Ag	Cu %	Zn %		
0.0	110.6	CASING IN OVERBURDEN			<u> </u>	†							
110.6	161.1		rish green; very fine to										
			derately soft. Schistosity			ļ							
			moderate number of thin					ļ					
			rhyolite flow or ash tuff			ļ	 	 					
			gradually increases down			·	 	 				·	
		note. A rew thin quar	z scringers, frace pyrite.					 	+				
		141.1-142.1: 1% dissem	nated pyrite.	81517	141.1	142.1	1.0	Ni1					
			The state of the s			1	1	1				 	
		147.9-149.7: 3% pyrite	disseminated, and as	81518	147.9	149.7	1.8	Nil					
		laminae parallel to sch			1								
		150.7-151.5: 1% pyrite	disseminated, and as	81519	150.7	151.5	0.8	Nil					
		laminae parallel to sch	istosity.				}	ļ				 	
			700	}	 		 	 					
		161.1: Lower contact a	. (4)					 				-	
161.1	407.0	OUARTZ-HORNRI.ENDE-RIOTI	TE SCHIST: Medium to dark		 -	+	 	 					
+0++1	10/10	grey to pinkish grey; so					 	†					ļ
			Ined. Schistosity at 65°.									1	
		Locally recognizable as	mafic volcanic. Locally		ļ <u>.</u>								
			magnetic. Below 371' the				 					·	
		metamorphic grade decre	mases slightly so that more mafic volcanic. A few		 	· 	 	 				 	
	 		stringers. Trace pyrite.	l	 		 	 				 	- -
[curu quartz and epidote	beingers. Hace pyrite.	1	1	- 					.	4	

DIAMOND DRILL RECORD

HOLE No: 157-26

PAGE NE: 2 of . 3

FOOTAGE			ÇAI	MPLE						of • 3	_
om to	DESCRIPTION	NΩ	from	to	Length	Au dwt/ton	Ag	Cu %	Zn %		
	176.0-177.1: 2% pyrite along a fracture parallel	81520	176.0	177.1	1.1	Nil			1 70	 	╀
	to core axis.	01320	170.0	1//11	 	1,111			 	 	
	to core axis.			· · · · · ·	 	 			┪───	 	┼
	209.2-210.0: Epidote-rich,	81521	209.2	210.0	0.8	Ni1			 	 	┼─
	20712 220101 2722200 22011	02322	207.2		1				 	 	 -
	212.6-214.3: 1% pyrite along a fracture parallel	81522	212.6	214.3	1.7	N±1			† – – –	 	
	to core axis.				1			-	1	 	
					1	<u> </u>					1
	215.2-216.2: A moderate number of quartz yeins,	81523	215.2	216.2	1.0	Nil			1	1	1
	to 0.1', parallel to schistosity.										
					1						1
	218.1-218.6: A 0.15' quartz vein at 70°.	81524	218.1	218.6	0.5	Nil					I
											1
	252.0-252.8: Epidote-rich.	81525	252.0	252.8	0.8	Ni1					
	259.5-260.4: Moderately epidote-rich. 1% fine	81526	259.5	260.4	0.9	Nil					
	disseminated pyrite.				<u> </u>					<u> </u>	
						<u> </u>					
	262.3-262.7: A 0.1'quartz-feldspar vein at 45°.	81527	262.3	262.7	0.4	Nil			<u> </u>		
									<u> </u>		
	270.4-271.4: A few quartz blebs. 1% pyrite,	81528	270.4	271.4	1.0	N11			<u> </u>		
	disseminated, and along fractures.			ļ	<u> </u>				<u> </u>	<u> </u>	↓_
				<u> </u>				<u> </u>	<u> </u>		1_
	272.0-272.6: 2% pyrite concentrated in a thin	81529	272.0	272.6	0.6	N±1	Ļ <u>.</u>		↓	ļ	_
	chloritic stringer.			<u> </u>	ļ				ļ	<u> </u>	↓
				<u> </u>				L	↓		↓_
	279.4-280.3: Abundant thin epidote stringers	81530	279.4	280.3	0.9	Nil		<u> </u>			
	parallel to schistosity.			ļ	<u> </u>			ļ	ļ	_	↓_
				 	ļ	ļ		ļ		 	4_
	280.3-281.0: 2% disseminated pyrite.	81531_	280.3	281.0	0.7	Nil	<u> </u>	 	 	4	┼-
				↓	 				 	-	↓
	287.0-287.8: An epidote and pyrite lined fracture	81532	287.0	287.8	0.8	Nil_		 	 	-	+
	at 15°. 2% pyrite.		ļ.,	ļ	1		ļ	ļ	 		╀-
			<u> </u>	 	 	 	-	 	 	 	+-
	304.8-305.6: A 0.7' quartz vein at 75°. Some	81533	304.8	305.6	10.8	I Nil		L			丄

DIAMOND DRILL RECORD

HOLE No: 157-26

FODTAGE	DESCRIPTION		SA	MPLE		Au	Reassay	Cu	Zn	Average Au
from to	DESCRIPTION	NP	from	to	Length	dwt/ton	dwt/ton	%	%	dwt/to
	hematite along fractures. Trace to 1% pyrite.									
				ļ	<u> </u>					
	306.7-307.1: A 0.1' epidote-rich stringer paralle	81534	306.7	307.1	0.4	Nil				
	to schistosity.		<u> </u>	<u> </u>						
				ļ	<u>ļ. </u>	<u> </u>				
	336.7-337.7: A moderate number of quartz veins.	81535	336.7	337.7	1.0	N11	1		ļ	
	to 0.2', at 70°.	·	 	ļ		<u> </u>			-	
				 	 					
	338.6-339.5: Moderate to abundant thin quartz	81536	338.6	339.5	0.9	Nil	 		 	
	stringers parallel to achistosity			 	+	 	 			
	372.8-373.5: 2% disseminated pyrite.	81537	372.8	373.5	0.7	0.08	0.12		 -	0.10
	The state of the s	04337	3,2.0	1 3/3/3	1	1	0.12		1	1 0.10
	379.0-379.4: A thin quartz stringer at 40°. 4%	81538	379.0	379.4	0.4	Nil	1		 	<u> </u>
	pyrite as large blebs.									
407.0	END OF HOLE									
			ļ		ļ				 	
	Drilling by Bradley Brothers Limited				↓	ļ			1	
	Noranda, Quebec		.]	↓			1	}
				 	 		 		 	
	Core stored at Dome Mines, South Porcupine, Ontario		 	 	+	 	 		+ +	
	All casing left in hole.		 	<u> </u>	+	 	 		+ - +	
	Air casing tert in note.			 	 	 	 		 	
	Core checked for radioactivity and fluorescence.		 	 	 	†			† †	
	Nothing of interest.	 ,	1		1	†				
		·		1	1	1				
			ļ							
	MALIANA				1		<u> </u>		igsquare	
	// / / / / / / / / / / / / / / / / / / /		ļ		ļ	ļ	ļ		 	
	////PVV//\		 	 	 				↓	
	// /		 	 		<u> </u>	 		+ +	
	1		1	ı	I	I	1	I	.1	i

West of		112+00E. 1100'South, 3		ND DRILL RE	CORD					HOLE	157	-27	
AZIMUTH:		001°T	_		and V	Vest of S	Sunday	Lake, Po	Y: PRO	JECT 157 e Mining	, Areas Divisi	of Sund	ay L.
DIP:		_46°	LENGTH: 5981 E	LEVATION:				CLAIM N	Q: P.5	24511			
STARTED:	Febru	pary 10, 1984	CORE SIZE: A.Q. S	YSTEM OF MEAS	URE: Imp	perial		SECTION:					
COMPLETED	· Febru	nary 14, 1984		325' -47				LOGGED	BY : B	. Needha	m, D. H	lunt	
PURPOSE:	CROSS	S SECTION	at	598' -46'	15'			DATE LO	GGED:	Feb. 11	to 14	1984	
FOOT		DES	CRIPTION			MPLE		Au	Ag	Cu	Zn		
from 0.0	to 112.0	CASING IN OVERBURDEN		No.	from	to	Length	dwt/ton		%	%		
	112.0	Olidano an orangonoan				<u> </u>							
112.0	183.5		greyish green; fine grai							ļ			
		moderately hard to har carbonatized. A few t	d. Locally bleached or hin quartz stringers.			<u> </u>	-			ļ			
		135.2-137.2: Weakly t few quartz veinlets.	o moderately bleached. A	81251	135.2	137.2	2.0	Ni1					
		144.1-147.7: 2% hemat feldspar stringers.	ite as fracture-filling;	2% 81252	144.1	147.7	3.6	Ni1			Mada and a second		
		150,2-151.7: A few qu	artz veinlets.	81253	150.2	151.7	1.5	Ni1					
		158.1-159.6: A few qu	artz veinlets.	81254	158.1	159.6	1.5	Nil					
		163.0-164.6: A modera	te amount of quartz as bl	ebs 81255	163.0	164.6	1.6	N11					
		and stringers.				ļ						-	
		165.0-166.6: A few he	matite-quartz veinlets.	81256	165.0	166.6	1.6	Nil		1		-	
183.5	406.7	fine grained; hard. I	luish grey or buff; very ocally sericitic. Local few thin quartz stringer										

DIAMOND DRILL RECORD

HOLE No: 157-27

MGE NO

2 • 6

F001	AGE	DESCRIPTION		SAI	MPLE		Au	Ag	Cu	Zn]	
from	10	DESCRIPTION	NΩ	from	to	Length	dwt/ton		7.	%		ļ
		183.5-189.0: Thin quartz fracture-fillings at	81257	183.5	189.0	5.5	N11					
		various angles.										
											1	
		192.7-195.5: Few to moderate thin quartz string-	81258	192.7	195.5	2.8	Ni1				1	
		ers at various angles.										
										1		T
		197.0-199.5: A moderate number of quartz string-	81259	197.0	199.5	2.5	Nil				1	1
		ers and fracture-fillings, to 0.15'.									1	
					1				1			1
		202.0-205.0: Moderate to abundant quartz string-	81260	202.0	205.0	3.0	Nil		1	1	1	
		ers, to 0.4'.				1				1	1	1
		205.0-229.2: A moderate number of thin quartz	81261	205.0	207.3	2.3	N11				1	
		stringers and fracture-fillings at various angles.	81262	207.3		7.7*	N11		† 	1		
		*5 feet ground core 210' to 215'.	81263	215.0	220.0	5.0	Nil		1	1		
			81264	220.0	225.0	5.0	Nil					
			81265	225.0	229.2	4.2	Nil	-				
		230.5-231.0: Intermediate to mafic tuff.										1
)								
		232.8-234.6: Few to moderate thin quartz string-	81266	232.8	234.6	1.8	Nil					
		ers at various angles.										
		236.1-241.9: Mafic tuff, schistose at 50°. Local								1		1
		hematite-rich bands. A few thin quartz stringers.								1		
		mainly parallel to schistosity.								Ĭ		
		236.8-238.5: Few to moderate thin quartz stringer	. 81267	236.8	238.5	1.7	N11					T
						T			1			
		244.1-244.2: Mafic tuff.										
										I		
		250,3-255,5; Mafic tuff,										I
										1		
		257.5-258.9: A few thin quartz stringers at vari-	81268	257.5	258.9	1.4	Nil				I	
	<u> </u>	ous angles. Trace pyrite.			1					I		
	 				Ť ·	1	1		T	Ī	1	T

DIAMOND DRILL RECORD

HOLE No: 157-27

PAGE No: 3 of 6

FOOTAGE	DESCRIPTION		SAI	MPLE		Au	Aş	Cu	Zn		
from to	DESCRIPTION	N9	from	ło	Length	dwt/ton		%	%	<u> </u>	<u> </u>
	261.3-264.0: A few thin quartz stringers at	81269	261.3	264.0	2.7	N11					
	various angles.										Γ
	271.5-274.0: Few to moderate thin quartz and	81270	271.5	274.0	2.5	Nil					
	hematite stringers at various angles.										
											1
	283.5-284.0: A few thin quartz stringers at	81271	283.5	284.0	0.5	Nil			1	†	1
	various angles.										T
					1					1	\vdash
	292.9-295.2: Moderate quartz impregnation.	81272	292.9	295.2	2.3	N11					1
	Abundant sericite.				1	1 ***					†
				 	 			† 	1	1	1
	301.4-302.7: A few thin quartz stringers at	81273	301.4	302.7	1.3	Ni1			†	 	†
	various angles. A moderate amount of sericite.	U.L.	302.7	302.7	1.,	"**			 	 	† -
	TOTAL GIRLEN IN MODERACE MINORITE OF SCIENCE			 	 	i			 	 	1
	303.5-305.8: A moderate number of quartz string-	81274	303.5	305.8	2.3	Nil		† • • • •	 	<u> </u>	+-
	ers, to 0.1', at various angles. Abundant sericit		<u> </u>	302.0	1 6.3	N11			 	 	+
	ers, to 0,1 , at various angles. Apulluant sericit				 				 	+	 - - - - - - - - - -
	217 6 210 24 A madawata mumban af Abdu mumba	81275	317.6	318.2	0.6	 ,,, -	· · · · · · ·		 	 	+
	317.6-318.2: A moderate number of thin quartz stringers, mainly at 45°.	812/3	31/.0_	318.2	U-D	Nil			i 	 	+-
	Stringers, maining at 43.			 	 	 			 	 	+
	210 2 200 2				 	 			 	 	+
	319.1-320.0: A moderate number of thin quartz	81276	319.1	320.0	0.9	N11				 	+
	stringers, mainly at 55°.			 	 	 			 	 	╁
	2006 0 200 0 1 1 1 1 5	01077	206.0	200 0	1	17.17			 	 	+
	326.0-328.2: A moderate number of quartz stringers, to 0.25', mainly at 65°.	81277	326.0	328.2	2.2	N11	 	 	 		+-
	stringers, to 0.25, mainly at 05.				 	-		 	 	 	+
				-	+	 		 	 		+
	331.1-333.6: A few thin quartz stringers at	81278	331.1	333.6	2.5	N11	├	 		-	+-
	various angles.			<u> </u>	}	ļ	 	 	 	 	
				 		 		 -	↓	 	4
	340.3-341.1: A few thin quartz stringers at	81279	340.3	341.1	0.8	Nil			ļ	-	
	various angles.							<u> </u>	1	1	ᆚ_
				<u> </u>	<u> </u>	<u> </u>		ļ		↓	4_
	341.9-345.0: A few quartz stringers, to 0.1', at	81280	341.9	345.0	3.1	Nil		ļ	1	1	
	various angles.		1	1	1	1	I	1	I .	1	ı

DIAMOND DRILL RECORD

HOLE NO 157-27

										4	of •6	
FOOT		DESCRIPTION			MPLE		Au	Ag	Çu	Zn		
from	to		NO	from	10		dwt/ton		%	%		<u> </u>
		359.4-360.0: A moderate number of thin quartz	81281	359.4	360.0	0.6	N11				 	L
\longrightarrow		stringers at various angles.			<u> </u>	 	 				 	<u> </u>
		371.0-372.4: Mafic volcanic.			· · · · · · · · · · · · · · · · · · ·		-					┢
		372.4-373.5: Abundant quartz stringers, to 0.1',	81282	372.4	373.5	1.1	N11					<u> </u>
		mainly at 25°.				ļ						-
		373.5-379.9: Mafic volcanic.										
		378.1-379.4: A moderate number of thin quartz	81283	378.1	379.4	1.3	Ni1					
		stringers at various angles.				ļ						-
		382.6-383.5: Moderate to abundant thin quartz	81284	382.6	383.5	0.9	Nil					1
		stringers at various angles.										\Box
		20/ 2 205 7. A malamata malamata a finita mana	81285	384.2	205 7	1.5	N11				 	╁
		384,2-385,7: A moderate number of thin quartz stringers, mainly at 50°.	01203	304.2	385.7	1.3	NII					I
		386,2-388.3: A moderate number of thin quartz	81286	386.2	388.3	2.1	N11					\vdash
		stringers at various angles.										F
406.2	424.9	MAFIC VOLCANIC OR ULTRAMAFIC INTRUSIVE: Medium to			ļ		 			-	 	十
		dark greyish green; soft; fine to medium grained.										
	· · · · · · · · · · · · · · · · · · ·	Contorted schistosity, brecciated. A few quartz			 	 						 _
		stringers and blebs.		ļ	 	 	 					+
		416,5-416.9: Intermediate to felsic tuff.		ļ ————	<u> </u>		 					1
		424.9: Lower contact at 75°.				 					<u> </u>	\pm
		THE TAXABLE AND THE TAXABLE AN										I
24.9	464.6	DACITE TUFF: Similar to 183.5-406.7. Schistosity									<u> </u>	\pm
												$oxed{\bot}$
		436.0-440.5: Mafic tuff.		<u></u>	<u></u>	L		L		<u> </u>	<u> </u>	1

DIAMOND DRILL RECORD

HOLE No: 157-27

PAGE No: 5 of 6

SAMPLE FOOTAGE Au Cu DESCRIPTION from to Length dwt/ton 441.5-442.1: Mafic tuff. 443.6-444.7: Mafic tuff. 461.0-462.4: Mafic volcanic. 462.4-464.6: Intermediate porphyry or crystal tuff. 464.6 484.8 MAFIC VOLCANIC: Medium to dark green; soft; medium grained. A few thin quartz-hematite stringers. Schistosity at 50°. 482.7-483.0: Intermediate porphyry. 484.8 598.0 INTERMEDIATE PORPHYRY OR DACITE CRYSTAL TUFF. Medium grevish green to grevish pink, moderately hard to hard; fine to very fine grained matrix with pinkish white feldspar phenocrysts to 0.3". Schistosity at 55°. Rare thin epidote stringers. 511.3-511.7: Mafic stringer at 10°. 518.7-519.4: A thin mafic stringer sub-parallel 81287 518.7 519.4 0.7 Nil to core axis. 1% pyrite as thin stringers also sub-parallel to core axis. 564.7-568.9: A few thin calcite, hematite and 81288 564.7 568.9 4.2 Nil quartz stringers at various angles. 575.6-576.7: A thin quartz-epidote stringer 81289 575.6 576.7 1.1 Nil parallel to core axis. END OF HOLE 598.0

HOLE NO 157-27 DIAMOND DRILL RECORD PAGE NO: 6 **of ·** 6 FOOTAGE SAMPLE Au Zn DESCRIPTION Length dwt/ton from from Drilling by Bradley Brothers Limited Noranda, Quebec Core stored at Dome Mine South Porcupine, Ontario Core checked for radioactivity, nothing of interest. Core checked for fluorescence: rare carbonate fluoresces pink. All casing left in hole.

350' W		112+00E. 580' South, 1 Post, P.524511 DIAMOND	DRILL RE	CORD					HOLE		7-28	1
AZIMUTH:	001						PROPERT	Y: PROJ	ECT 157	Sunday	L. an	d
				West	of Sund	ay Lak						
DIP:	-4	8° LENGTH: 594' ELEV	ATION:					19: P.52				
STARTED:	Fe	ebruary 14, 1984 CORE SIZE: A.Q. SYST	EM OF MEAS	URE: I	MPERIAL		SECTION	:				
COMPLETE): Fe	ebruary 18, 1984 DIP TESTS (CORRECTED): at 5	94' -43°4	51			LOGGED	BY: D.	S. Hun	t		
											-	
PURPOSE:	CROSS	SECTION				···	DATE LO	GGED:	Feb. 16	to 19,	1984	
	FAGE	DESCRIPTION		,	MPLE		Au	Reassay Au	Cu	Zn	, !	AVg.
from	to		No.	from	to	Length	dwt/ton	dwt/ton	%	%	ļ!	Au dwt/ton
0.0	76.4	CASING IN OVERBURDEN		ļ	ļ			 			ļ	
			ļ	 			 	 			<u> </u>	
76.4	594.0	INTERMEDIATE TO FELSIC PORPHYRY: Medium pinkish		ļ	_	 -	ļ- 	ļ			·	
		green, fine to very fine grained matrix with feldspar phenocrysts to 0.3"; moderately hard to	.	ļ	 	 	 	 	·		t	
		hard. Has a gneissic appearance from 346' to	 	ļ			 	 				
		\$ - and and the contract of th			-	 	 	ļ · ·			·	
		393'. Schistosity at 55° to core axis:	-			 -	 	 				
		A few thin quartz and quartz-epidote stringers. Trace pyrite below 194'.			ļ		+	 			h	
		Trace pyrite below 194 .	 			 	 	 			ļ	
	<u> </u>	77 0 01 7. 4	81290	77.0	81.7	4.7	N11	 			t	
		77.0-81.7: A moderate number of thin quartz stringers at various angles.	01530	//.0	01.1	4.7	WII	 			t	
	· · · · · · · · · · · · · · · · · · ·	Stringers at various angles.	t			 	 	 			·	
	-	83.2-83.8: A 0.1' quartz vein at 40°.	81291	83.2	83.8	0.6	Nil					
		03/2 03/01 012 quarta /02/2 at /0 /	1	<u> </u>		1	1					
		93.5-94.7: A moderate number of thin quartz	81292	93.5	94.7	1.2	Ni1	!				
· · · · · · · · · · · · · · · · · · ·		stringers at various angles.	1				1					
	<u> </u>						1					
		95.7-96.6: A moderate number of thin quartz	81293	95.7	96.6	0.9	0.04	N11				0.02
		stringers at various angles.										
		98.8-105.1: A moderate number of thin quartz	81294	98.8	104.0	5.2	Nil					
		stringers at various angles.	81295	104.0	105.1	1.1	Nil	ļ				ļ
			ļ	ļ		ļ						ļ
		107.4-109.5: A moderate number of quartz	81296	107.4	109.5	2.1	N11	ļ				ļ
		stringers and veins, to 0.1', at various angles.		ļ	ļ	ļ	1	ļ		ļ <u>.</u>	ļ	}
	ļ	Slightly bleached.	ļ	ļ		ļ	ļ				 .	-
<u> </u>	<u> </u>		1	<u> </u>	<u> </u>	1	1		1	1	1	1

DIAMOND DRILL RECORD

HOLE NO: 157-28 PAGE NO:

FOOTAGI	GE	DESCRIPTION		SA	MPLE		Au	Reassay	Cu	Zn		Γ
from	to	DESCRIPTION	NΩ	from	lo	Length	dwt/ton	dwt7top	%	%		
		122.1-129.9: A moderate number of thin quartz	81297	122.1	127.1	5.0	Ni1					
		stringers at various angles.	81298	127.1	129.9	2.8	Nil					
						<u> </u>						
		136.4-138.6: A moderate number of thin quartz	81299	136.4	138.6	2.2	Nil					
		and quartz-epidote stringers at various angles.								T		
							1					T
		139.8-141.8: A moderate number of thin quartz	81300	139.8	141.8	2.0	Nil					
		and quartz-epidote stringers at various angles.										
										T		
		145.3-150.3: Few to moderate thin quartz	81301	145.3	150.3	5.0	0.04					
		stringers at various angles.										
												1
	1	150.3-155.3: Abundant quartz stringers, to 0.1'.	81302	150.3	155.3	5.0	N11					
		at various angles.	<u> </u>	120.2	13343	1	1			1	1	1
	<u> </u>		-	<u> </u>		<u> </u>				 	1	1
	†	155,3-158,7; Moderate to abundant quartz string-	81303	155.3	158.7	3.4	0.04	0.04		1	1	
	1	ers to 0.1', at various angles.	-01-0.1	1	1	1	1-11-11-1	"·V"		1		1
						1				1		
	İ	161.1-165.0: Few to moderate thin quartz and	81304	161.1	165.0	3.9	N/1	1		†	 	1
	<u> </u>	quartz-epidote stringers at various angles.	B1 304	101.1	103.0	7.9	NII	1		†	1	
	†	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		 	 	 	 	 		 	 	†
	 	168.5-170.7: Few to abundant thin quartz-hematite	81305	168.5	170.7	2.2	N11	 		 	 	1
	 	epidote stringers at various angles.	COLIG	100.1	1 - 1/0 - 1	1	N11	† — †		1	†	1
	†	opened berringers at various ungress		 		<u> </u>	 	 		+	 	+
	 	170 5 100 0	81306	179.5	182.9	3.4	1	t		 	 	1
	 	179.5-182.9: A moderate number of thin quartz stringers at various angles. Locally epidote-rich.		1/9.5	182.9	13.4	N±1	 		1	 	
	 	actingers at various angles. Locally epidote-lich.		 	 	 -	 	 		+	+	+
	 	196 0 197 (21007	1	 	 	 	 		+	+-	+
	 	186.0-187,4: A moderate number of quartz veins, to 0.2', at various angles.	81307	186.0	187_4	1-4-	N ₁ 1	┼		 	+	+
	 	verno, to 0.2, at various angles.		 	 	 	 	 		+	 	+
	 	200 (207 2) 11		 		+	 	├ ┈──┤		 		+
	 	206.6-207.9: A 1' zone of quartz-bleached vein	81308	206.6	207.9	 1.3 -	1-0-04	 		+		+
	 	at 50°.		 	+	 	 	1		+	+	+
	 			 		+	+	+				
~		210.2-211.7: Few to moderate quartz stringers and	81309	210.2	211.7	1.5	0.04	 		 	 	+
	<u> </u>	veins, to 0.2', at various angles.	l	<u> </u>		1		11				

DIAMOND DRILL RECORD

HOLE No: 157-28

PAGE NO

3 **of •** 7

FOOTAG	E	ACCOUNTION.		SA	MPLE		Au	Reassay	Cu	Zn		
from	to	DESCRIPTION	Nº	from	10	Length	dwt/ton	hwt/ton	%	%]]	ı
		212.7-213.4: A thin quartz stringer at 10°.	81310	212.7	213.4	0.7	Nil					_
		215.0-216.2; A thin quartz stringer parallel to core axis.	81311	215.0	216.2	1.2	N±1.					
		223.4-225.9: A few thin quartz stringers at various angles.	81312	223.4	225.9	2.5	N+1					
		229.0-229.9: A moderate number of thin quartz stringers at various angles.	81313	229.0	229.9	0.9	Ni.1	N11				
		231.1-232.8: A moderate number of thin quartz- epidote stringers at various angles.	81314	231.1	232.8	1.7	N±1					
		240.1-240.7: A moderate number of thin quartz and epidote stringers, mainly at 30°.	81315	240.1	240.7	0.6	N11	:				
		242.7-245.7: Fine grained and non-porphyritic.										
		245.7-247.2: A moderate number of thin quartz stringers at various angles.	81316	245.7	247.2	1.5	Ni1					
		251.4-254.0: Few to moderate thin quartz stringers at various angles.	81317	251.4	254.0	2.6	N±1					
		265.2-267.1: Few to moderate thin quartz-epidote stringers at various angles.	81318	265.2	267.1	1.9	N11					
		271.0-271.9: A thin quartz stringer at 10°.	81319	271.0	271.9	0.9	N11			-	+	F
		275.3-278.1: Locally hematite-rich. A moderate number of quartz veins, to 0.5', at various angles.	81320	275.3	278.1	2.8	Nil					
					-		 	 		 -	1	\vdash

DIAMOND DRILL RECORD

HOLE NO:

157-28

PAGE NO:

4 of • 7

FOOTAGE	DESCRIPTION		SA	MPLE		Au	Reassa	Cu	Zn		
from to	DESCRIPTION	N9	from	to	Length	dwt/ton	dwt to	*	%		İ
	280.1-290.0: Rock is more chloritic and generally								1		
	non-porphyritic. Some fault gouge.										
	284.4-285.0: A moderate number of thin quartz	81321	284.4	285.0	0.6	Nil					
	stringers at varous angles.									 	
	287.3-290.0: Abundant quartz veins, to 0.6', at	81322	287.3	290.0	2.7	N±1					
	various angles.			1		1					
						<u> </u>		7,7			
	295.4-295.9: A moderate number of thin quartz	81323	295.4	295.9	0.5	Nil	Ni1		†		
	stringers at 60°.			1	1	***			1		
	309.6-311.1: A moderate number of quartz stringer	81324	309.6	311.1	1.5	N11			1	<u> </u>	
	to 0.1', mainly at 45°.	<u> </u>	302.0	1	1	 					
				 	1	 	† †			 	
	330.6-333.0: Occasional fault gouge.			1	1	 	1		†	 	
	- Control of the cont			1	†	 			 		
	335.9-338.6: A moderate number of thin quartz	81325	335.9	338.6	2.7	N11			1	 	
	stringers at various angles.	01323	3,3,.,	330.0		 **	 		† · · · · ·	† 	
	Stringers at various angics:		<u> </u>	 	<u> </u>				†	†	
	355.6-361.0: A moderate number of quartz stringer	D1 226	355.6	361.0	5.4	N11	 		†	 	
	to 0.1', at various angles.	01320	333.0	301-0	3.4	T NOTE -			 	 	
	To ota , and tarabas angles			 	 	 	 		 	 	
	369.2-370.1: Abundant quartz stringers, to 0.3'.	81327	369.2	370.1	0.9	N11	 			 	
	at various angles.	01327	309.2	13/0-1	10.9	I NII	 		 	1	<u> </u>
	at various unpies.		 	 	 	+			 	 	
	270 0 272 5	01000	372.0		1		 		 	 	
	372.0-373.5: A moderate number of thin quartz- hematite-epidote stringers, mainly at shallow	81328	377.0	373.5	1.5	Nil	1		 	 	
	angles to core.			 	 	 	-				
	angres to core.		 	+	 	 			 	ļ	
	272 7 276 2 41 1 4 41	01000		1	1	 			 	+	
	373.7-376.3: Abundant thin quartz-hematite	81329	373.7	376.3	2.6	NII			 	 	
	stringers, mainly at shallow angles to core.		 	+	 	 	 		+	 	+
			l	+	 	 	 		 		+
	385.2-385.8: A moderate number of thin quartz-	81330	385.2	385.8	0.6	N11	├ ───┤		 	 	
	hematite stringers at 30°.		.	 	1		 		 	 	+
		ļ	ļ		4				 		
<u> </u>		L	<u> </u>	1	1		<u> </u>			<u> </u>	

DIAMOND DRILL RECORD

HOLE NO: 157-28

PAGE NO: 5 of 6 7

FOO!	TAGE	DESCRIPTION		SA	MPLE			Reassa		Zn		
from	to	OLSONIF HON	N9	from	10	Length	dwt/ton	Au dwt/tor	%	%	L	
		387.8-388.5: A 0.1' quartz-hematite-chlorite	81331	387.8	388.5	0.7	Nil			I		
		stringer at 30°.										
	-	200 1 201 0 1	22.000			ļ				ļ	 	L
	 	390.1-391.9: Hematite-rich, with a few thin quartz-hematite stringers sub-parallel to core	81332	390.1	391.9	1.8	Nil			 		-
	 			 	 	 	ļ <u> </u>			 	 	├_
	 -	axis.		 		 				 		╁
		398.2-399.4: A moderate number of thin quartz	81333	398.2	399.4	1.2	Nil	Nil		 	 	t^-
		stringers at various angles.										Π
	<u> </u>	400.0-401.6: A moderate number of quartz-hematite	81334	400.0	401.6	1.6	N11					
		stringers, to 0.2', at various angles.		<u> </u>								
]											
		403.6-408.0: A thin quartz-hematite stringer	81335	403.6	408.0	4.4	N11					
		parallel to core axis.						,				L
					<u> </u>					<u> </u>		L
	<u> </u>	415.5-421.4: Few to moderate thin quartz and	81336	415.5	420.5	5.0	Nil					<u> </u>
	}	hematite stringers at various angles.	81337	420.5	421.4	0.9	N11			 		╀
	 	426.4-427.8: Moderate to abundant quartz-hematite	81338	426.4	427.8	1.4	N11			 	}	╁
	1	stringers, to 0.2', mainly at 45°.			1		1				1	1
	1		· 		 	1						
		430.5-430.9: Fault gouge.										
	ļ	152.0 (52.0)	21.000	1500	 	 				 	ļ	+
<u> </u>	 	453.0-458.4: A moderate number of thin quartz	81339	453.0	458.4	5.4	Nil			-	}	╁╌
	 	stringers at various angles.		 	 	 	 			- 	 	+-
	<u> </u>	464.6-466.9: Few to moderate thin quartz string-	81340	464.6	466.9	2.3	N11					T
		ers at various angles.									ļ <u>.</u>	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$
	1			 	 	ļ				_	1	+
	ļ	471.0-473.3: A moderate number of thin quartz	81341	471.0	473.3	2.3	Nil	 		 	-	╁┈
	 	stringers, mainly parallel to core axis.		-	-	 	 			-	-	╁
	 	495.0-500.0: Moderate to abundant thin quartz	81342	495.0	500.0	5.0	N11			 	 	T
		stringers at various angles.		1	1	 	"	T		1	1	1

DIAMOND DRILL RECORD

HOLE No: 157-28

PAGE NO:

FOOTAGE from to	DESCRIPTION		SA	MPLE			Reassay Au	Cu	Zn	Average
from to	DESCRIPTION	Nº	from	to	Length	dwt/ton	dwt/tor	%	%	Average Au dwt/tor
	501.0-548.8: Fine grained and silicified, with	81343	501.0	506.0	5.0	Nil	Nil			
	abundant quartz stringers at various angles.	81344	506.0	511.0	5.0	Nil				
		81345	511.0	516.0	5.0	Nil				
		81346	516.0	521.0	5.0	Nil	L			
		81347	521.0	526.0	5.0	N11				
		81348	526.0	531.0	5.0	N11				
		81349	531.0	536.0	5.0	Nil				
		81350	536.0	541.0	5.0	Nil				
		78436	541.0	546.0	5.0	Nil				
		78437	546.0	548.8	2.2	N11				
		70/00		ļ	 				 	
	551.5-555.1: A moderate number of thin quartz	78438	551.5	555.1	3.6	N11			-	
	stringers at various angles.		 	ļ. <u></u>	 	 			-	
	556.4-560.2: Silicified, with abundant quartz	78439	556.4	560.2	3.8	Nil	 			
	veins at various angles.	78439	330.4	300.2	3.0	NII	 			
	Verillo de Variodo difereo.			 		 	 		 	
	562.5-564.3: A moderate number of thin quartz	78440	562.5	564.3	1.8	0.04			 	
	stringers, mainly at 45°.	70440	702.7	704.3	1	1 0.04			†	
				<u> </u>						
	566.5-568.0; A moderate number of thin quartz	78441	566.5	568.0	1.5	0.10	0.04			0.07
	stringers at various angles.									
	570.0-571.2: A moderate number of thin quartz	78442	570.0	571.2	1.2	Nil				
	stringers at various angles.									
										<u> </u>
	571.2-573.2: Silicified, with abundant quartz.	78443	571.2	573.2	2.0	Nil				<u> </u>
		<u> </u>		1	<u> </u>					
	574.2-576.1: Hematite-stained, with a moderate	78444	574.2	576.1	1.9	0.10			1	
	number of thin quartz stringers at various angles.		ļ		ļ	↓	<u> </u>			
		ļ	ļ <u>.</u>	 	 	↓				
	576.1-578.7: A moderate number of quartz string-	78445	576.1	578.7	2.6	N±1	ļ			ļ
	ers, to 1.5 feet, at various angles.	<u> </u>	 			 	ļ			
			ļ	 	 	ļ				
		<u> </u>	<u> </u>	<u>. </u>	<u> 1</u>		<u></u>	L		<u> </u>

DIAMOND DRILL RECORD

HOLE No. 157-28

AGE NO

7 of • 7

F001	AGE	DESCRIPTION		SA	MPLE		Au	Ag	Cu	Zn		[
from	to	DESCRIPTION	NP	from	lo	Length	dwt/ton		%	%		ł
		578.7-594.0: A moderate number of quartz string-	78446	578.7	583.7	5.0	0.10					
		ers, to 0.1', mainly at 45°.	78447	583.7	588.7	5.0	0.04					
			78448	588.7	594.0	5.3	Ni1					
						<u> </u>						
	594.0	END OF HOLE		<u> </u>								
		Core recovery:										
					ļ	ļ			<u> </u>			
		110.0-122.0: None			ļ	ļ	ļ		<u> </u>	<u> </u>		
		341.0-346.0: 14%							ļ			
	ļ	495.0-496.0: None					L					
		497.0-498.0: None		<u> </u>	ļ							
		500.0-501.0: None				1			<u> </u>	<u> </u>		<u> </u>
		593.0-594.0: 50%			<u> </u>	ļ				<u> </u>		
				ļ	↓	↓			ļ			
		Drilling by Bradley Brothers Limited,			 	↓	 		 	 		
		Noranda, Quebec		 	 	ļ						
				 	-	 				 	ļ	
		Core stored at Dome Mine, South Porcupine, Ontario		 	 	 	 		 	 	 	
		111		 	 	 	 		 	 	 	
	 	All casing left in hole.		 	 	 	 		 	 	 	
				-	 	 -	-			+	 	
	 	Core checked for radioactivity, nothing of interest	•	 	<u> </u>		 		 	 	 	
	 	Core checked for fluorescence, some calcite	· · · · · · · · · · · · · · · · · · ·		1	1	1		†			
	†	fluoresces red or orange.				1			1			<u> </u>
	 			†		†					<u> </u>	1
	 					†				1		<u> </u>
				1		<u>† </u>			1	1		<u> </u>
	<u> </u>									1		
	1	010/1 1/2										
		WW MANY										
]											

40' Eas		36+00W. 225 North. 3 Post, P.524407 DIAMOND	DRILL RE	CORD			PROPERTY	, PROIF	HOLE	15	7-32	West
AZIMUTTI.	300			_								
DIP:	-50°	LENGTH: 452 ELEV	ATION:	ot	Sunday L	ake Ar	CLAIM N	cupine M	ining	0171810	n, Untai	[10
		CENDIN. 432 ELEV	ATTON.				CLAIM N	P.52	440/			
STARTED:	Marc	h 4. 1984 CORE SIZE: A.Q. SYST	EM OF MEAS	SURE: IMI	PERIAL		SECTION:					
COMPLETE): Marc	h 5, 1984 DIP TESTS (CORRECTED): At 207	_48°45	; •	•		L OG GED 1	BY: D.	S. Hun	ţ		
PURPOSE:	TO T	EST MAGNETIC HIGH AT 19+50S, 36+00W					DATE LO	GGED: MA	RCH 5,	6, 19	84	
FOOT	AGE			SA	MPLE		Au	Ag	Cu	Zn		
from	to	DESCRIPTION	No.	from	to	Length	dwt/ton	. ∩9	%	%		l l
0.0	80.0	CASING IN OVERBURDEN			 	 					1	
0.0	00.0	OLD THE OT BRIDGED IN		1	 	 	 				† -	(
80.0	452.0	QUARTZ-HORNBLENDE-BIOTITE SCHIST: Medium grey to			+	 	t				1	[
- 50.0	732.0	greenish grey; fine to medium grained; hard to		 	 -	 	 					l
		soft. Locally banded. Schistosity at 80° to core			 -	 	 				1	
		axis. Locally weakly to moderately magnetic. A	 	 	 	 	 				+	
		few thin sections are recognizable as mafic vol-			<u> </u>						ļ	
		canics. Trace pyrite.		ļ		ļ	ļ					
			 		ļ	J	ļ				ļ	
		146.1-146.4: A thin quartz stringer at 90°.	81501	146.1	146.4	0.3	N11				-	
ļ						ļ						
		159.3-159.9: 3% disseminated pyrite.	81502	159.3	159,9	0.6	N11					<u> </u>
							1				ļ	
Ĺ		160.9-162.3: 2% disseminated pyrite.	81503	160.9	162.3	1.4	Nil			<u> </u>		
				ļ		<u></u>	<u> </u>					
		197.8-198.3: 2% pyrite as thin, irregular	81504	197.8	198.3	0.5	N11					
		stringers.				<u> </u>						
										[1	
		264.5-265.0: A 0.1' epidote-quartz stringer at	81505	264.5	265.0	0.5	Nil					
		80°. 1% pyrite, disseminated and as thin stringers										
		parallel to core axis.				1					1	
			1	T		T		· · · · · · · · · · · · · · · · · · ·				
		266.8-267.2: A 0.1' epidote-quartz stringer at 80'	815 <u>06</u>	266.8	267.2	0.4	N11				I	
			!		<u> </u>	<u></u>				ļ		ļ
		309.5-310.3: 2% pyrite as scattered cubes and	81507	309.5	310.3	0.8	Nil				1	
		thin stringers.										
	}		l			1				1		

DIAMOND DRILL RECORD

HOLE No: 157-32

PAGE NO:

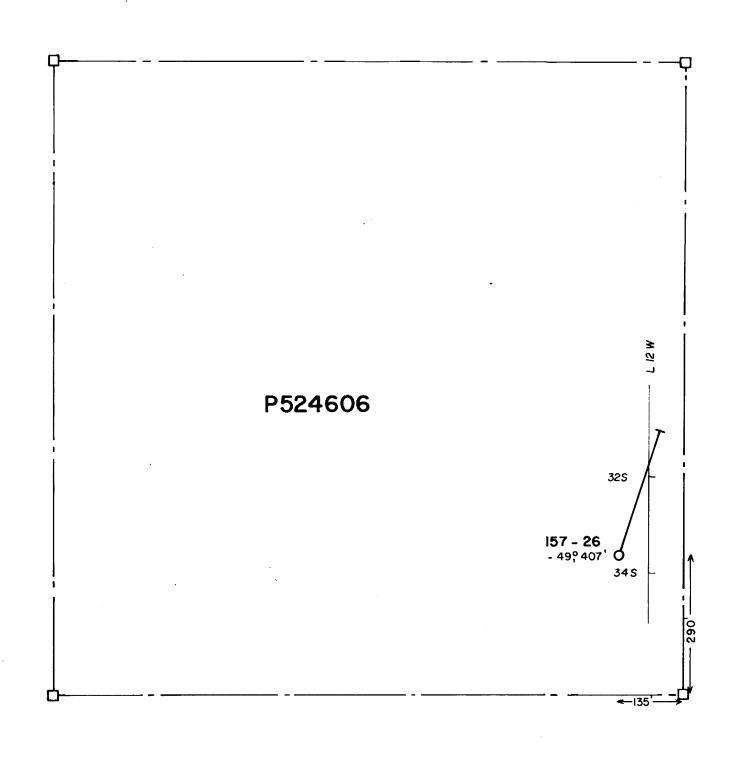
2 of • 3

FOOTAGE	DESCRIPTION	SAMPLE				Au	Ag	Cu	Zn		Г
rom to		NP	from	to	Length	dwt/ton		%	%		Ì
	315.2-316.6: 2% combined pyrrhotite and pyrite	81508	315.2	316.6	1.4	Nil					Ī
	as thin stringers parallel to schistosity.										Ī
	320.9-322.9: 2% combined pyrrhotite and pyrite	81509	320.9	322.9	2.0	Nil					
	as disseminated specks and as laminae parallel to										Г
	schistosity.								T		
]		Г
	329.1-332.9: 3% combined pyrrhotite and pyrite	81510	329.1	332.9	3.8	0.04					
	as laminae parallel to schistosity.								I		Г
			I				_				
	335.4-336.8: 2% combined pyrrhotite and pyrite,	81511	335.4	336.8	1.4	0.08					
	mainly as laminae parallel to schistosity.										Γ
							-				Г
	357.5-358.2: A moderate number of thin quartz	81512	357.5	358.2	0.7	Ni1				1	
	stringers at various angles.									I	Γ
											Π
	416.5-421.0: 2% combined pyrrhotite and pyrite	81513	416.5	421.0	4,5	Nil					
	as laminae parallel to schistosity.										П
											Π
	421.0-422.4: 8% pyrrhotite and 2% pyrite as	81514	421.0	422.4	1.4	Nil					
	laminae parallel to schistosity.										Г
											П
	422.4-425.3: 4% pyrrhotite and 1% pyrite as	81515	422.4	425.3	2.9	0.04			1		Τ
	laminae parallel to schistosity.										Ι
											$oxed{\Box}$
	425.3-427.5: 3% combined pyrrhotite and pyrite	81516	425.3	427.5	2.2	Nil					
	as laminae parallel to schistosity.										
				,						1	Γ
452.0	END OF HOLE										Ι
	Concentrations of pyrrhotite ranging up to 8%,										
	between 315.2 and 427.5 feet are the probable										Ι
	cause of the magnetic high.								I		Π
				I					1	1	Т
			î — — — ·	1				T		1	T

DIAMOND DRILL RECORD

HOLE NO 157-32

DIAMOND DRILL RECORD								157-32 PAGE N2: 3 of • 3			
FOOTAGE	DESCRIPTION			APLE		Au	Ag	Cu	Zn		
from to	DESCRIPTION	Nº	from	ło	Length	dwt/ton		%	%		<u> </u>
	Drilling by Bradley Brothers Limited,				1			<u></u>	 		_
	Noranda, Quebec										
	Core stored at Dome Mine, South Porcupine, Ontario				_		-			ļ	
	All casing left in hole.										
	Core checked for radioactivity and fluorescence.										
	Nothing of interest.				-				 		<u> </u>
					1			ļ. <u></u>	<u> </u>		匚
			+			-		<u> </u>	 	 	├
											匚
		· · · · · · · · · · · · · · · · · · ·	-		_				 	 	╁
										1	lacksquare
											\perp
											lacksquare
			-			-		ļ	 	<u> </u>	+
								!	†	1	二
					-	 		ļ	ļ	+	╁
	A		-						†	1	\bot
	18811164				1						\perp
	///WWVVVV										F
										<u> </u>	\pm
						1		1		T	

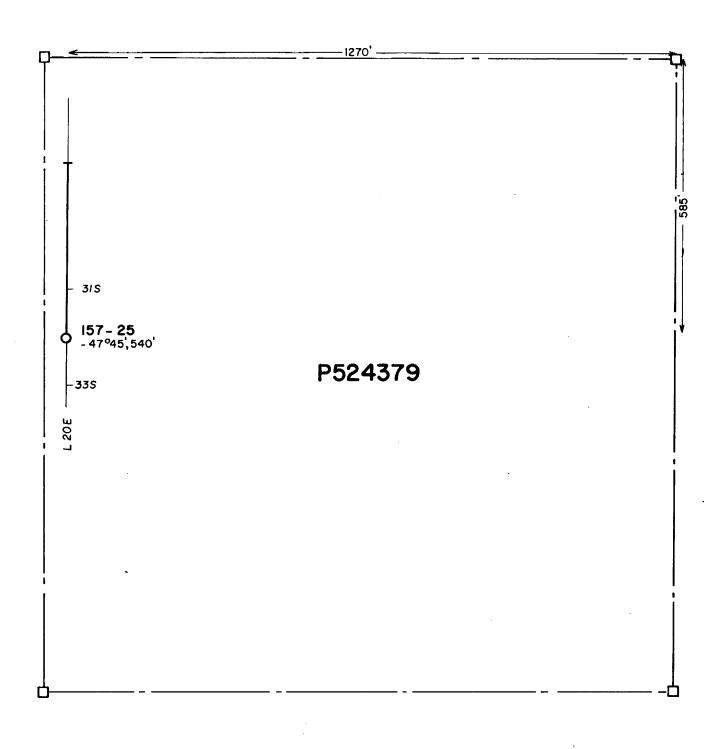


PROJ. 157 WEST SUNDAY LAKE, ONTARIO

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:
1" = 200 MAR 1984 T.S. 32-L-4 157 -43

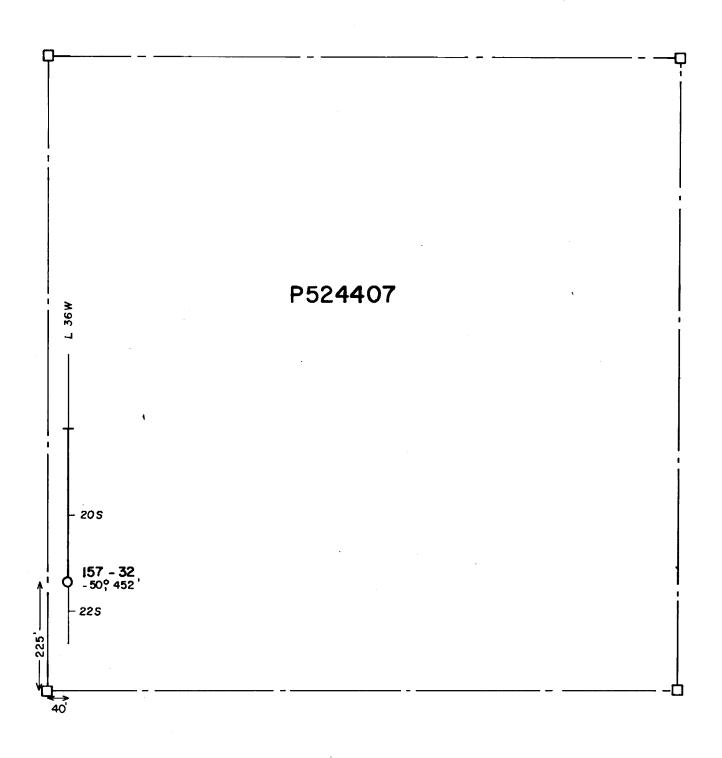




DOME EXPLORATION (CANADA) LTD. PROJ. 157 WEST SUNDAY LAKE, ONTARIO.

DDH LOCATIONS



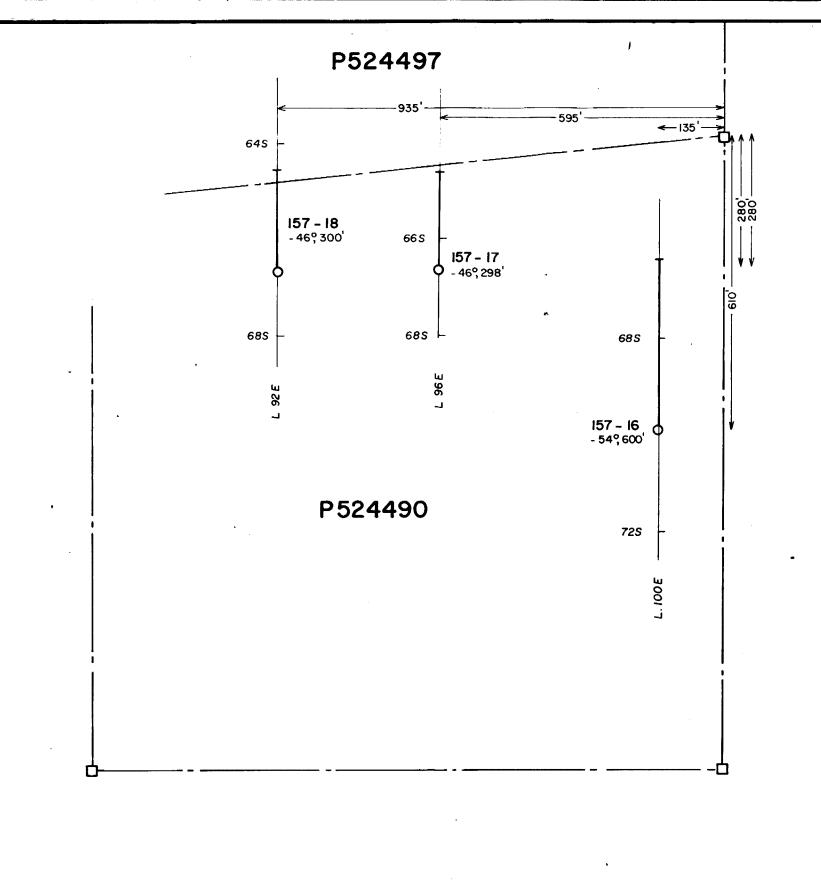


PROJ. 157 WEST SUNDAY LAKE, ONTARIO

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:
1"= 200 MAR. 1984 T.S. 32-L-4 157-46



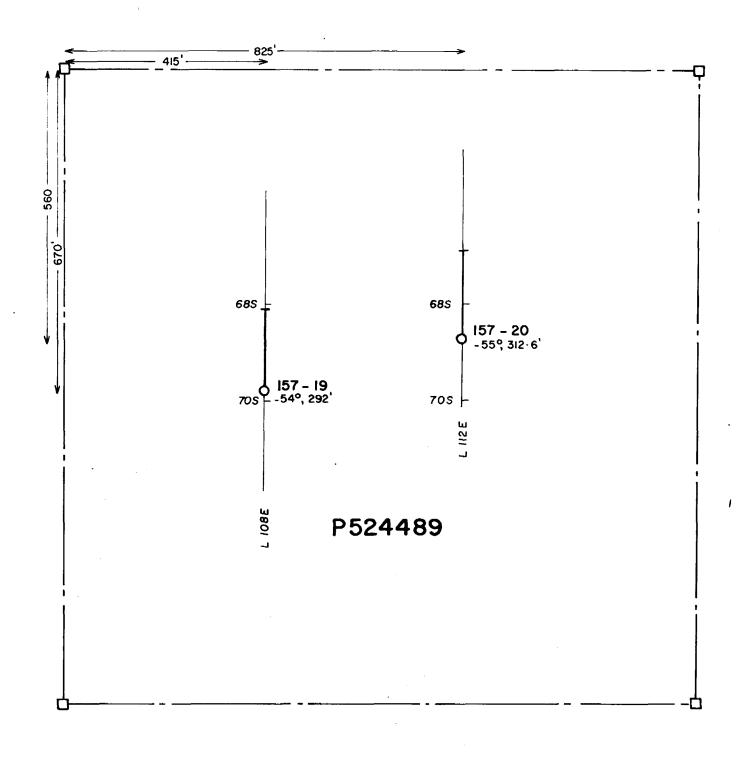


PROJ. 157 WEST SUNDAY LAKE, ONTARIO.

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:
1"= 200 MAR. 1984 T.S. 32 -L-4 157 - 36



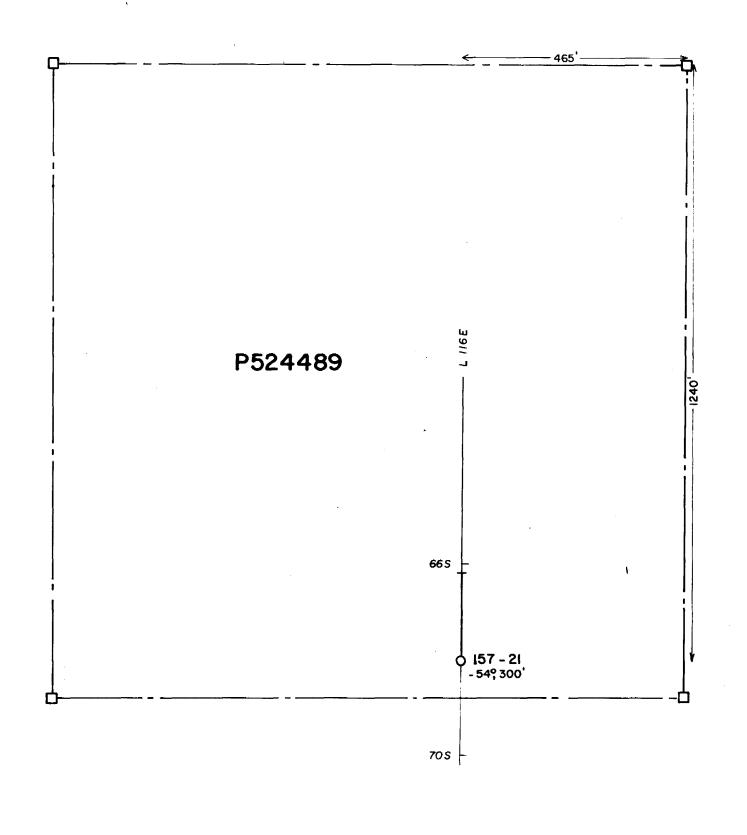


PROJ. 157 WEST SUNDAY LAKE, ONTARIO.

DDH LOCATIONS

SCALE	DATE	BY	N.T.S. No:	DWG. No:
1"= 200	MAR 1984	T.S.	32-L-4	157- 37

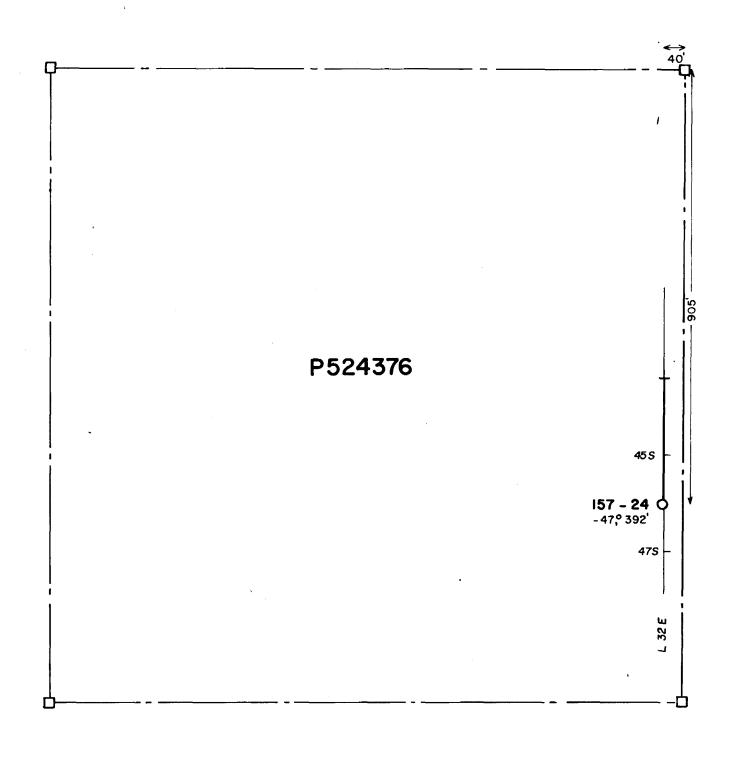




PROJ. 157 WEST SUNDAY LAKE, ONTARIO

DDH LOCATIONS

SCALE		BY	N.T.S. No:	DWG. No:
!"= 200	MAR. 1984	T.S.,	32 - L - 4	157 - 38

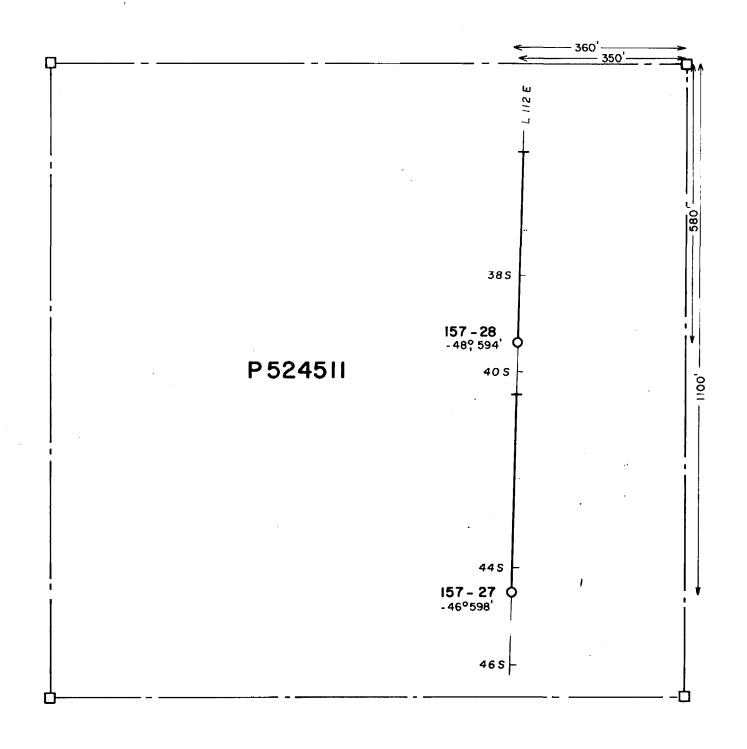




PROJ. 157 WEST SUNDAY LAKE, ONTARIO

DDH LOCATIONS

SCALE DATE BY N.T.S. No: DWG. No:
1"= 200 MAR
1984 T.S. 32-L-4 157 - 41



DOME EXPLORATION (CANADA) LTD.

PROJ. 157 WEST SUNDAY LAKE, ONTARIO

DDH LOCATIONS

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

1"= 200 MAR. 1984 TS 32-L-4 157-44