DIAMOND DRI



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Township:

McGarry

REPORT No.:

24

WORK PERFORMED BY: Noranda Exploration Co. Ltd.

 CLAIM No.
 HOLE No.
 FOOTAGE
 DATE
 NOTE

 L 547094
 81-3
 596.0
 June/81
 (1)

NOTES: (1) #407-82

Report #407 _82

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				·	I M		*
	547090	547091	547092	548199	548700	5482	
				·	 		A charge and a
`	547095	547094	547093	598190			√ ^
	547096	<u>547097</u>	547098	548147			
			598195	598196	· •		The application of the applicati
5 M -		L. 33320	0				
	L. 33319	P	1 33321		L	41006	/410
	L 33322	L 33323 P	F) 41000 324 S	10 PL		PSRO . 41005	P S.RO
	L.33303 L.3	9- Mc	<i>、</i>	P) 410	369 -	- 7	. 410
	L. 41019	L. 409		98	55169	8 Ps RO.	\$1 +13:
	11013	_	53 1700	531699	11;002 L/L	. 33808 L. 1441495	(-

LATITUDE	1+458	_				
DEPARTURE	2+50E	_	TESTS		MAGNETIC	CORRECTED
ELEVATION	surface		400°	-55°	BEARING	BEARING
BEARING	220 ⁰					
DIP AT COLLAR	-55°	_				
			TOTAL	DEDTU OF U	596	0'

PROPERTY McGarry 1-79

. CLAIM NO. L-547094

HOLE NO. McG 81-3

CORE SIZE AQ

STARTED June 22, 1981

FINISHED June 25, 1981

FOOT	AGE					ASS	SAYS	CORE LENGTH			
FROM '	' то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	FROM	то	ACC. WIDTH
0	14.0	CASING.									
14.0	44.0	BIOTITE-CORDIERITE ALTERATION ZONE ("Dalmationite"): brown fine	6494	0.005	0.01	0.02	0.59		40.7	42.1	1.4
	· · · · · · · · · · · · · · · · · · ·	grained biotite matrix with up to 80% grey cordierite sub-spherical									
		phenocrysts up to 0.3" diameter; 1% py-po throughout as thin									
		stringers with chloritic margins.	-								
		14.0-17.5 - strong biotite alteration with only weak cordierite								-	
		development.									
		44.0 - faint contact at 30° to core axis.									
•											
44.0	66.2	PORPHYRITIC DIORITE: dark grey, weakly magnetic; 20-30% white feld-									
		spar phenocrysts, 20-30% dark green hornblende phenocrysts up to									
		0.1" long; reddish tint to feldspars bordering fractures; epidote									
		in fractures and as coarse scattered patches throughout.									

CONTRACTOR BENOIT DIAMOND DRILLING

LOGGED BY - Pila Elfan

Peter S. LeBaron

PROPERTY McGarry 1-79

HOLE NO. Meg 81-3

F001	TAGE					ASS	AYS			co	RE LENGT	ГН
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI		FROM	то	ACC. WIDTH
66.2	67.8	RHYOLITE: dark grey-brown, fine grained; moderate biotite altera-										
		tion; tr-1% fine disseminated py, several py-po stringers;										
•		resembles andesite due to biotite alteration.										
67.8	70.5	PORPHYRITIC DIORITE: as above; contacts with andesite are irregula	<u> </u>									
		not well defined.							·	·		
70.5	201.4	RHYOLITE: as above; moderate to strong biotite alteration, sili-	6495	NIL	Tr	0.02	0.59			72.8	74.7	1.9
		cified sections, scattered stringers and patches of py-po; 5-10%										
		fine white feldspar phenocrysts; weakly magnetic.								•	·	
		100.0-116.0 - biotite alteration absent beyond 100'; rhyolite										
•		becomes purple-grey with strongly silicified sections, some										
		brecciation; chlorite bordering py-po stringers; magnetite										
		stringers tr MoS ₂ between 95-97'.				ļ						
		116.0 - little alteration beyond 116.0; rare py-po stringers,										
		minor silicification and grid fracturing.										
201.4	215.6	PORPHYRITIC DIORITE: as above.										

HEET NO.

PROPERTY McGarry 1-79

HOLE NO. McG 81-3

FOOT	AGE					ASS	AYS		С	ORE LENG	тн
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	FROM	то	ACC. WIDTI
215.6	· · · · ·	ANDESITE: purple-brown, fine grained; moderate to strong biotite	6496	NIL	Tr	0.03	0.02		216.5	218.6	2.1
		alteration; 1% py-po in coarse patches.									
		215.6-220 - strong biotite with weak cordierite; poorly defined,			-						
		0.05-0.1" diameter grey cordierite spots.									
										,	
228.1	232.7	PORPHYRITIC ANDESITE: dark green, weakly magnetic; fine grained	-	-					 		
•		with 10-15% hbld-pyroxene phenocrysts up to 0.1" long. (may be		<u> </u>	-	-					
		basic porphyry dike)						<u> </u>			_
										3 218.6	
232.7	243.2	PORPHYRITIC DIORITE: as above.									
<u>.</u>			-								
243.2.	251.7	ANDESITE: weak to moderate biotite alteration; coarse scattered									
		patches of py-po.									
251.7	305.9	PORPHYRITIC DIORITE: as above; appears more equigranular than above	е	-							
		fine to medium grained with 50% felsic, 50% mafic, 5% coarse hold				_			<u> </u>		
		phenocrysts; moderately magnetic.		_							—
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DIAMOND DRILL CORE LOG

PROPERTY McGarry 1-79
HOLE NO. McG 81-3

F00	TAGE			ASSAYS						CORE LENGTH			
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI		FROM	то	ACC. WIDTH	
305.9	560.4	RHYOLITE: purple-grey, minor silicification and bleaching along											
		fractures; dark grey-green chloritic spotting, possible incomplete											
•		alteration to cordierite;											
		320-345 - numerous siliceous bands 1-2" wide at all angles;											
		possible pillow selvages.											
		374-448.2 - little to no chloritic spotting; 20-30% fine white								•			
•		feldspar phenocrysts;											
		448.2-454.2 - dioritic section similar to porphyritic diorite -											
		indistinct contacts.											
		454-460 - pale green bleached, silicified section; dominant frac-											
		ture direction 20-40° to core axis.											
		460-560.4 - dark purple-grey rhyolite; scattered 1/2-1" bands of											
		chloritic and cherty material, possible pillow selvages; 10-20%											
		fine white feldspar phenocrysts; tr py.									-		
560.4	569.6	PORPHYRITIC SYENITE: medium to coarse grained, moderately magnetic	•							<u> </u>			
		40-45% white to pink euhedral feldspar phenocrysts 0.05-0.2" long;											
		40-45% dark green to black biotite and hornblende phenocrysts											

PROPERTY McGarry 1-79

HOLE NO. McG 81-3

FOOTAGE					-	ASS	AYS	•	CORE LENGTH			
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	FROM	то	ACC. WIDTH	
		0.05-0.2" long; 10-20% brown-green chlorite matrix; epidote in										
		fractures; slight foliation (mineral alignment) at 70° to core										
		axis.										
<u></u>												
569.6	596.0	RHYOLITE: chlorite, weak biotite alteration; tr py in scattered										
<u></u>		stringers.			-				·			
	596.0	END OF HOLE.										
		·										
			·									