DIAMOND DRILLING



TOWNSHIP: McGarry

REPORT No.:

26

WORK PERFORMED BY: Noranda Exploration Co. Ltd.

CLAIM No.	HOLE No.	FOOTAGE	DATE	Note
L 547094	81-4 81-5 81-6	373 306 351	June/81 July/81 July/81	(1) (1) (1)
		1040'		

NOTES: (1) #189-83

LATITUDE	1+00S		- 1011 0 -			
DEPARTURE	4+30E	TESTS	515	MAGNETIC	CORRECTED	
ELEVATION	surface	373°	-54°	BEARING	BEARING	
BEARING	220 ⁰					
DIP AT COLLAR _	-55°					

PROPERTY	McGarry 1-79
CLAIM NO	L-547094
HOLE NO.	McG 81-4
CORE SIZE	AQ
STARTED	June 30, 1981
	July 2, 1981
FINISHED	oury 2, 1901

TOTAL DEPTH OF HOLE ____373'

FOOT	TAGE	DECCRIPTION				ASS	AYS		CORE LENGTH			
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI		FROM	то	ACC WIDTH
0	8	CASING.										
8	11.2	PORPHYRITIC DIORITE: dark grey, weakly magnetic; 20-30% white feld-					1.0.2					
		spar phenocrysts 0.05-0.1" long; 10-20% hornblende phenocrysts										
		0.05-0.1" long; fine grained grey matrix; rare coarse fragments of										
		dark green porphyritic andesite.										
			•									
11.2	190.8	RHYOLITE: dark purple-grey, very fine grained; chlorite spotting										
		and 10-20% fine white feldspar phenocrysts (similar to McG 81-3										
		305'-340'); numerous siliceous, bleached zones bordering fractures.										
		11.2-35.0 - 1-3% scattered pale grey cherty amygdules; brecciated	,					-				
		weathered zone from 24-26, possible fault; chloritic spotting absen	t								,	
		beyond 100'.										
		96.0-129 - little to no chloritic spotting; irregular patches of										
		epidote from 100-102, and widely scattered throughout this section.										

CONTRACTOR BENOIT DIAMOND DRILLING

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PROPERTY McGarry 1-79

HOLE NO. McG 81-4

FOO	OTAGE					ASS	AYS		CORE LENG			ſН
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI		FROM	то	ACC WIDTH
		138-138.6 - 5-7% py in ½" stringers.										
		139-190.8 - dark purple-grey rhyolite; 10-20% feldspar phenocryst:	5,									
		scattered pale green cherty amygdules, some short sections with										
		grid fracturing and bleaching.										
							·					
190.8	195.2	PORPHYRITIC DIORITE: as above; in places with red tint to feldspar										
		(appears to be a secondary stain); epidote in and bordering frac-										
		tures.									•	
195.2	197.6	RHYOLITE: strongly fractured, silicified, and bleached.										
197.6	199.5	PORPHYRITIC DIORITE: as above; contacts irregular at 70 to 90° to										
		core axis.										
199.5	201.2	RHYOLITE: as from 195.2-197.6.										
201.2	260.2	PORPHYRITIC DIORITE: as above; considerable red (hematite or K_0?)	_									
		staining and green epidote alteration bordering fractures; lower										

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PROPERTY McGarry 1-79

HOLE NO. McG 81-4

FO	OTAGE					ASS	AYS		C	ORE LENGT	ГН
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	FROM	то	ACC WIDTH
		contact at 20° to core axis.								•	
260.2	266.5	RHYOLITE: 10% fine white feldspar phenocrysts; rare fine py strg.									
		with chlorite-biotite alteration halo.				·					
266.5	269.4	PORPHYRITIC ANDESITE: dark green, fine grained with 20-25% horn-	•								:
		blende phenocrysts 0.05-0.1" long; very weakly magnetic; sharp									
		contacts at 55° (upper) and 70° (lower).									
•		Possibly a more mafic phase of diorite dike or a large inclusion;								,	
		similar to small inclusions in porphyritic diorite dikes.									
-			_								
269.4	282.4	RHYOLITE: as from 260.2-266.5									
282.4	283.8	PORPHYRITIC ANDESITE: as above.									
283.8	286.0	RHYOLITE: as from 260.2-266.5								÷	
	<u> </u>										
286.0	299.0	PORPHYRITIC DIORITE: as above.									

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ROPERTY McGarry 1-79

HOLE NO. Meg 81-1,

FOC	OTAGE			ASSAYS			CORE LENGTH				
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	FROM	то	ACC: WIDTH
299.0	300.3	RHYOLITE: as from 260.2-266.5.									, <u> </u>
300.3	302.4	PORPHYRITIC ANDESITE: as above.								···	
·											
302.4	345.3	RHYOLITE: dark purple-grey; weakly porphyritic; moderately strong									
		silicification, some grid fracturing, tr py-po in coarse patches;									
		½" magnetite strg at 336.4'.									
	_										
345.3	367.9	PORPHYRITIC DIORITE: as above, but more mafic (60%).			<u> </u>						
367.9	373.0	RHYOLITE: slightly brecciated; 1-3% py-po in 4" strgs with biotite									
		alteration haloes.									
	373.0	END OF HOLE.									

_ATITUDE	3+00S					
DEPARTURE	1+25E		TESTS		MAGNETIC	CORRECTED
ELEVATION	surface		300°	-48°	BEARING	BEARING
BEARING	360°				<u></u> ,,	
DIP AT COLLA	R50°	·				
			TOTAL D	EPTH OF I	HOLE 306'	

McGarry 1-79

CLAIM NO. L-547094

HOLE NO. McG 81-5

CORE SIZE AQ

STARTED July 2, 1981

FINISHED July 3, 1981

FOOT	TAGE					ASS	AYS		 C	ORE LENGT	Н
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	FROM	то	ACC. WIDTH
0	8	CASING.				·					
8	13.8	PORPHYRITIC DIORITE: dark grey, moderately magnetic; 30-40% white									
		feldspar phenocrysts 0.05-0.1" long; 5-10% hbld phenocrysts									
		0.05-0.1" long; red stain borders epidote-filled fractures.									
13.8	34.3	RHYOLITE: dark purple-grey, 10-20% fine white feldspar phenocrysts;									
-		strongly fractured with weak to moderate silicification, epidote									
		alteration; tr py in thin stringers; weakly magnetic.					-				
34.3	59.3	PORPHYRITIC ANDESITE: dark green-grey, weakly magnetic; fine									
		grained equigranular from 34.3-39.0, 39.0-59.3 - 30-40% hornblende									
		phenocrysts in a fine grained chloritic matrix; upper contact 90°									
		to core axis; lower contact irregular, slightly brecciated.								-	
		(possibly a basic porphyry dike).									

CONTRACTOR BENOIT DIAMOND DRILLING

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PROPERTY McGarry 1-79

HOLE NO. Meg 81-5

128.0 180.0 180.0 I					ASS	AYS	 CORE LENGTH				
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	∜₀ ZN	% NI	FROM	то	ACC WIDTH
59.3	128.0	RHYOLITE: as above;									
	,	92.0-101.5 - increasing silicification epidote alteration; ኒ"								:	
		magnetite strg at 93.0; 5-7% py-po from 96.9-97.5.									
		101.5-106.0 - strong epidote alt'n and silicification.									
		106.0-113 - strong silicification, numerous fine magnetite strgs;									
		rock becoming brown colour with increasing biotite alteration.				·					
		113-128.0 - strong biotite and moderate cordierite (dalmationite)	6497	NIL	0.01	0.11	0.01		117.5	119.0	1.5
		alteration; 50-60% blue-grey cordierite spots up to 0.1" diameter									
		in brown biotite-rich matrix with minor disseminated py and scatter	ed								
-		py-po stringers containing trace cp.									
_											
128.0	180.0	PORPHYRITIC ANDESITE: as above; weak epidote alteration.									
·		131-134 - moderate grid fracturing.									
		·				•					·
180.0	225.7	ANDESITE: very fine grained, grey-green, weakly magnetic; 5-7% fine									
		pale green feldspar phenocrysts in places; possible pillow selvages	ļ ģ								
		moderate silica-epidote alteration, fracturing.									
	-										

PROPERTY McGarry 1-79

HOLE NO. MeG 81-5

FOO	TAGE					ASS	AYS		CORE LENGTH			
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI	 FROM	то	ACC WIDTH	
225.7	281.5	PORPHYRITIC DIORITE: dark grey, moderately magnetic; 30-40% white										
		feldspar phenocrysts 0.05" long; 20-30% hbld phenocrysts 0.05-0.1"										
		long; red tint bordering epidote filled fractures.										
281.5	306.0	ANDESITE: as from 180-225.7; moderate silica-epidote alteration,										
		weak biotite.										
	306.0	END OF HOLE.										
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LATITUDE	4+00S	_	Di	~!VI O !		
	0+50E	-	TESTS		MAGNETIC	CORRECTED
ELEVATION _	surface		350°	-80°	BEARING	BEARING
BEARING	360°	-				
DIP AT COLLA	4R80°	_				
					257	0.1

PROPERTY	McGarry 1-79
CLAIM NO.	L-547094
HOLE NO.	
	AQ
	July 4, 1981
	July 6, 1981

Γ	F00 ⁻	TAGE					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	57.5	PORPHYRITIC DIORITE: dark grey, weakly to moderately magnetic;											
			30-50% (variable) white feldspar phenocrysts 0.05-0.1" long; 10-20%											
			hbld phenocrysts 0.05-0.1" long; lower contact at 60° to core axis.											
-	57.5	233.5	ANDESITE: aphanitic, dark grey, hard; moderately to strongly sili-											
			cified, weak epidote alteration; rare py strg; 10-20% fine white											
-[feldspar phenocrysts.											
			83-117 - moderate grid fracturing.											
			117-147 - moderate to strong grid fracturing, strongly silici-											
			field and bleached.											
			147-177 - increasing biotite alteration (weak-moderate).											
			177-210 - weak-moderate biotite, grid fracturing, silicifica-											
			tion; numerous small patches of py-po; 3" magnetite vein at 177.8;											

CONTRACTOR BENOIT DIAMOND DRILLING

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DERTY McGarry 1-79

HOLE NO. _____McG 81-6

FOO	TAGE					ASS	AYS			С	ORE LENG	гн
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI		FROM	то	ACC. WIDTH
		3" py-po at 190.3.					,					
		210-228 - mod-strong biotite; possible weak codierite from										
		213-216 and 226-228.					·					
		228-233.5: as from 177-210.										
											,	
233.5	237.6	PORPHYRITIC ANDESITE: dark green, weakly magnetic; 20-30% hbld							·			
		phenocrysts up to 0.1" long in chloritic fine grained matrix; weak										
		foliation at 60-70° to core axis.										
237.6	238.6	ANDESITE: dark purple-grey, 10-20% fine white feldspar phenocrysts.								·		
238.6	269.1	PORPHYRITIC DIORITE: similar to that from 14-57.5 but more equi-										
		granular with less distinct feldspar phenocrysts and 30-40% fine										
		hornblende; 10-15% coarse hbld phenocrysts; red tint bordering								•		<u>.</u>
		epidote-filled fractures.										
										:		
269.1	351.0	ANDESITE: purple-grey; 10-20% fine white feldspar phenocrysts.								1		
		269.1-301.0 - weak-moderate biotite; tr py-po in scattered strgs										

PROPERTY McGarry 1-79

HOLE NO. McG 81-6

FOC	TAGE	s		ASSAYS						CORE LENGTH		
FROM	то	DESCRIPTION	SAMPLE NO.	AU OZ	AG OZ	% CU	% ZN	% NI		FROM	то	ACC. WIDTH
	-	301.0-351.0 - isolated sections up to 1' wide of grid fracturing										
		with silicification; scattered biotite alteration stringers up to										
		3" wide with tr py-po.										
		·										
	351.0	END OF HOLE.	-			_						
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