

FALCONBRIDGE NICKEL MINES LIMITED

SUMMARY DIAMOND DRILL HOLE LOG

Hole Number 16-023-1 Property Handcamp PN 022-16 Claim Number F.S. Grant 115 Grid Coordinates 100N 80W
 UTM Zone Northing Easting NTS 12H/8 Elevation Direction 1120° Collar Dip -50°
 Depth 105.2 m Contractor Petro Drilling Co. Ltd. Casing Size Ax Core Size Aq Casing Pulled No
 Tests at: Dated drilled: April 20 - April 22, 1979
 Corr. Dip:
 Multishot Survey Core Storage Location Handcamp fee simple Logged By Saunders, Hinchey

From	To	% Rec.	CA	General Description	Code	AVERAGE			VALUES					
						From	To	Length	No	Cu	Pb	Zn	Ag	Au
m	m					m	m	m		ppm	ppm	ppm	ppm	oz/t
0	1.8			Casing										
1.8	2.4			Sandy Felsic Tuff										
2.4	37.5			Mafic Volcanic										
37.5	38.1			White Chert										
38.1	39.6			Mafic Volcanic										
39.6	41.8			Intermediate Tuff										
41.8	42.7			Gray Green Chert										
42.7	48.5		90°	Interbedded Zone										
48.5	50.3			Sericite Schist (similar to Min.Zone)		48.5	50.3	1.8		193	1020	3908	11.8	0.06
50.3	57.3			Jasper										
57.3	77.7			Mineralized Zone		57.3	77.7	18.2		190	897	2195	5.38	0.01
77.7	1052			Mafic Volcanic										
	1052			EOH										

Objectives and Results: This hole was drilled to sample and test the gold potential of a mineralized zone which outcrops on surface and in trenches. Results were generally poor, the highest assay obtained being 0.076 oz/ton Au.

Signed

FALCONBRIDGE NICKEL MINES LIMITED
DETAILED DIAMOND DRILL HOLE LOG

HOLE NO. 16-022-1
PAGE NO. 1

From	To	% Rec.	CA	Description	Sample No.
0	1.8			<u>Casing</u>	
1.8	2.4			<u>Sandy Felsic Tuff</u> White to gray chloritic felsic tuff with 3.5 mm sized fragments. Core broken and rubbly.	
2.4	37.5			<u>Mafic Volcanic</u> The rock is dark green to black. It is fine grained and strongly chloritic. Gray patches (fragments?) (up to 4cm) occur in a dark green to black matrix. 30.5-37.5 - 3 cm thick epidote-quartz veins. The rock contains approximately 2- 3% disseminated and stringer <u>pyrite</u> mineralization.	
37.5	38.1			<u>Pyritized White Chert</u> The rock is white-gray, fine-grained and sugary siliceous, <u>pyritized</u> chert. <u>Pyrite</u> occurs as veins up to 5cm wide which in places contains possible lithic fragments.	A6601

FALCONBRIDGE NICKEL MINES LIMITED
DETAILED DIAMOND DRILL HOLE LOG

HOLE NO. 16-022-1
PAGE NO. 2

From	To	% Rec.	CA	Description	Sample No.
38.1	39.6			<u>Mafic Volcanic</u> The rock is dark green to black, fine grained, and strongly chloritic. Occasional epidote vienlets are present locally. <u>Pyrite</u> (5%) occurs as disseminations and veins.	
39.6	41.8			<u>Intermediate Volcanic</u> The rock is white-gray fine grained and weakly chloritic. Small epidote, quartz and jasper pods (?) are sometimes present.	
41.8	42.7			<u>Gray Green Chert</u> Fine grained massive chert.	
42.7	48.5		90°	<u>Interbedded Zone</u> This unit consists of numerous small (1-10cm) lenses of jasper and sandstone in a white to black argillaceous matrix. The sandstone percentage increases towards top to unit. Bedding 90° @ 47.9 - 48.5 - Jasper	A6602- A6605

FALCONBRIDGE NICKEL MINES LIMITED
DETAILED DIAMOND DRILL HOLE LOG

HOLE NO. 16-022-1
PAGE NO. 3

From	To	% Rec.	CA	Description	Sample No.
48.5	50.3			<u>Sericite Schist</u> The rock is white to gray banded and sericitic. It appears argillitic in places 50.0 - 50.3 - Massive gray, pyritized white chert. <u>Pyrite</u> (2 - 3%) occurs as veinlets generally 3 - 4mm wide.	A6606 - A6607
50.3	52.3			<u>Jasper</u> The rock is wine to blood red in colour, sugary. Locally highly contorted and is cut by numerous quartz - epidote veins. The quartz veins appear to be of two generations. Rare magnetite veins are up to 0.5 cm wide, 52.1 - 52.7 - interbed of black, fine grained argillite. 55 - 2 cm wide silvery gray hematite veins.	A6608 - A6610

FALCONBRIDGE NICKEL MINES LIMITED
DETAILED DIAMOND DRILL HOLE LOG

HOLE NO. 16-022-1
PAGE NO. 4

From	To	% Rec.	CA	Description	Sample No.
57.3	77.7			<u>Mineralized Zone</u> The zone is a interbedded sequence of brown-black chloritic, soft argillite and gray, pyritized white chert. The chert beds are up to 15cm in thickness. <u>Pyrite</u> (10 - 15%) occurs as both veins are disseminations. Rare <u>galena</u> vienlets up to 0.5 cm are associated with the <u>pyrite</u>. 75.0 - 76.2 ... dominantly <u>pyritized</u> white chert with small argillite interbeds. <u>Pyrite</u> (5%) occurs as disseminations and vienlets and has minor <u>galena</u> associated. 76.2 - 77.7 - brown argillite.	A6612 - A6621

FALCONBRIDGE NICKEL MINES LIMITED
DETAILED DIAMOND DRILL HOLE LOGHOLE NO. 16-022-1
PAGE NO. 5

From	To	% Rec.	CA	Description	Sample No.
77.7	105.2			<u>Mafic Volcanic</u> The rock is gray to black, and is strongly chloritic. It is cut by numerous 0.5 - 5 cm wide quartz and epidote veinlets. EOH	

FALCONBRIDGE NICKEL MINES LIMITED

HOLE NO. 16-022-1

SAMPLE RECORD SHEET

PAGE NO. 6

From	To	Length	Sample No.	Cu	Pb	Zn	Ag	Au				Comments
m	m	m		ppm	ppm	ppm	ppm	oz/ton				
37.5	38.1	0.6	A6601	104	30	107	1.4	<0.002				Pyrite
41.8	42.7	0.9	A6602	47	15	38	0.3	<0.002				
42.7	44.5	1.8	A6603	36	22	72	0.6	<0.002				
44.5	46.3	1.8	A6604	20	12	74	0.4	<0.002				
46.3	48.5	2.2	A6605	84	54	138	1.1	<0.002				
48.5	50.0	1.5	A6606	210	1100	4300	12.0	0.056				2 - 3% Pyrite
50.0	50.3	0.3	A6607	113	620	1950	10.5	0.076				
50.3	52.3	2.0	A6608	100	95	980	1.8	<0.002				
52.3	54.3	2.0	A6609	113	104	150	1.0	<0.002				
54.3	56.3	2.0	A6610	65	60	130	0.7	<0.002				Magnetite and Hematite veins
56.3	57.3	1.0	A6611	79	127	162	1.8	<0.002				
57.3	59.3	2.0	A6612	119	700	2570	12.8	0.022				
2m missing core												
51.0	63.0	2.0	A6613	136	305	1300	3.6	0.011				
63.0	65.0	2.0	A6614	780	2150	9200	4.3	0.011				
65.0	67.0	2.0	A6615	196	810	1670	3.0	<0.002				10 - 15% Pyrite, minor galena
67.0	69.0	2.0	A6616	217	2000	3000	4.8	0.008				
69.0	71.0	2.0	A6617	98	1050	1200	4.7	0.008				
71.0	73.0	2.0	A6618	58	268	270	10.3	0.008				
73.0	75.0	2.0	A6619	52	160	430	1.9	0.002				

FALCONBRIDGE NICKEL MINES LIMITED

HOLE NO. 16-022-1

SAMPLE RECORD SHEET

PAGE NO. 8

From	To	Length	Sample No.	Cu	Pb	Zn	Ag	Au				Comments
m	m	m		ppm	ppm	ppm	ppm	/t				
75.0	76.2	1.2	A6620	63	400	420	4.1	<0.002				
76.2	77.2	1.0	A6621	68	56	130	2.2	<0.002				
AVERAGE VALUES												
40.5	56.3	1.8		193	1020	3908	11.8	0.060				
37.3	77.7	18.2		190	897	2195	5.38	0.010				
					%	%	oz/t					
48.5	50.0	1.5	A6606		0.18	0.57	0.40					
50.0	50.3	0.3	A6607		0.09	0.24	0.35					
57.3	59.3	2.0	A6612		0.09	0.32	0.40					
61.0	63.0	2.0	A6613		-	0.15	0.14					
63.0	65.0	2.0	A6614		0.50	1.00	0.15					
65.0	67.0	2.0	A6615		0.16	0.20	-					
67.0	69.0	2.0	A6616		0.29	0.38	0.16					
69.0	71.0	2.0	A6617		0.13	0.13	0.13					
71.0	73.0	2.0	A6618		-	-	0.30					
75.0	76.2	1.2	A6620		-	-	0.13					