

## NORANDA EXPLORATION COMPANY, LIMITED

Collared May 11/75		Completed May 13/75		Core Size BQ	Property Quartz Lake, Yukon			Project No 912		NTS No. 95D/12	
FIELD COORDINATES					SURVEYED COORDINATES					Sheet 1 of 5	
Lat. 6+20N		Elev.		Dip -90°	Lat. 100,497		Elev. 508.9		Dip -90		Hole No.
Dep. 0+08E		Depth		Bearing	Dep. 99,965		Depth 380		Bearing		94 94
Footage	Rec'y	Graphic Log	Description		% Sulp.	Est. Grade	Sample No.	Lt.			
0-			Overburden								
55-			Qtzte. Grey-green, massive, calcareous, porous								
56.5	95+										
56.5-			Grey thin beddin limy <u>argillite</u> , well fractured,								
60.3	"		calc. stringers, occas. py in stringers								
60.3-			<u>Argillite</u> , grey to creamy grading to qtzte. vuggy								
62.5	"		pts. sl. altd. & fract. well min. gal., py, sphal.		10+						
			replacing to well min. py. few narrow gouge zones								
62.5-			<u>Argillite</u> . Grey to creamy to qtzte. vuggy pts.								
66.8	"		st. altd. & fractr. more sil. & vuggy. sparse		5+						
			scatt. py-fract. with siderite(?) or sphal(?) -								
			gal. @ 70°. py increase 66.8								
66.8-											
67.4	"		solid sulfide pyrite								
67.4-			<u>Argillite &amp; quartzite</u> . Grey, fract. scatt. py								
69.4	"		massive 2" stringers. sphal. gal @ 50° @ 68.5'. 2"								
			py @ 69.1'								
69.4-			<u>Argillite &amp; quartzite</u> . Grey, fract. many angles.								
74.2	98+		Sev. limy fract. with (siderite?) sphal @ 60°		1+						
74.2-			<u>Argillite &amp; quartzite</u> . Grey, fract. Many angles.								
78.2	98		Occ. fract. w. py shal. @ 45°-60° bedding @ 50°								
			py fract. fill @ 78.2								
78.2-			Grey <u>quartzite</u> some green <u>argillite</u> . Creamy arg.								
95	"		@ 95. Minor py. occ. fract. with sphal (sid?)								
			minor py. slight galena, few small scale faults.								

DATE

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D.F.P./G.L.

## NORANDA EXPLORATION COMPANY, LIMITED

"F"

Collared			Completed	Core Size	Property	Quartz Lake, Yukon			Project No		NTS No.	
FIELD COORDINATES					SURVEYED COORDINATES						Sheet	2 of 5
Lat.		Elev.		Dip	Lat.		Elev.		Dip	Hole No.		
Dep.		Depth		Bearing	Dep.		Depth		Bearing	94 94		
Footage	Rec'y	Graphic Log	Description			% Sulp.	Est. Grade	Sample No.	Lt.			
95-100	98		Dr. grey argillaceous <u>limestone</u> to f.g. limestone 97-99									
100-138	"		Repl. (arg. qtzte) <u>limestone</u> . well min. to solid sulfide py. sphal. gal. bedding 55° C/A			60-100						
120-138	"		Mainly solid sulfides as alternating zones of py, gal, sphal. to mixed. to 138'			"						
135-143	"		(138) mainly pale green sheared <u>argillite</u> . Occ. zone py. sphal. gal. shearing @ 45°			"						
143-147	"		Mainly pale green sheared <u>argillite</u> . Occ. zone py. sphal. gal. shearing @ 45°			2+						
147-150	"		<u>Argillite</u> grey-green quartzite bands. Many chl. slips or narrow zones. Rare py. spec. parts mod. fract. core angle 60-65°. parts blocky broken			<1-						
150-160	"		<u>Argillite</u> grey-green quartzite bands. Many chl. slips or narrow zones. Rare py. spec. parts mod. fract. core angle 60-65°			<1-						
160-170	"		<u>Argillite</u> interband green to dark grey starting at 164'			<1-						
170-180	98+		Interbanded green and dark grey <u>Argillite</u> rare pyrite mod. fract. core angle 60-65°			<1-						
180-190	"		<u>Argillite</u> . Pale green starting at 184'. Rare py. mod. fract. core angle 60-65°			<1-						
190-200	"		Pale green <u>argillite</u> with bands of grey <u>quartzite</u> and qtz incl. well fract. parts. c/a 60-70° compact			<1-						
200-210	"		Pale green <u>argillite</u> with bands of grey <u>quartzite</u> and qtzte inclusions.			<1-						
210-220	98+		To <u>Arg.</u> dk grey, lt grey & <u>quartzite</u> . Inc. in py. @ 216.5 fair bands & irr. zones. sm incl. qtz			2+						

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"F"

Collared	Completed	Core Size	Property	Quartz Lake, Yukon	Project No	912	NTS No.
FIELD COORDINATES			SURVEYED COORDINATES			Sheet 3 of 5	
Lat.	Elev.	Dip	Lat.	Elev.	Dip	Hole No.	
Dep.	Depth	Bearing	Dep.	Depth	Bearing	94 94	

Footage	Rec'y	Graphic Log	Description	% Sulp.	Est. Grade	Sample No.	Lt.						
220-230	98+		To <u>Arg.</u> dk grey, lt grey & <u>quartzite</u> . Inc. in py @ 216.5 fair bands & irregular zones										
230-240	"		To <u>Arg.</u> dk grey, lt grey & <u>quartzite</u> . Fair bands & irregular zones										
240-250	"		<u>Argillite</u> grey & dk grey to black. Incl. of Qtzte tives mottled appearance. fine scatt. py. bands and <u>irregular</u> blobs. bedding poor or missing	3+									
250-260	98		<u>Quartzite</u> : (258) grey parts impure 258-252. 3" band very fine-gr. "sooty" pyrite @ 253	2+									
260-270	"		<u>Argillite</u> : Mottled black to dk with parts white Qtzte. graphitic partings. poor py. core angle 60-70° "quartz graphite"										
270-280	"		as above. better quality <u>argillite</u>										
280-290	"		<u>Argillite</u> : "mottled" black to dk with parts white Qtzte. graphitic partings. very graph. parts										
290-300	"		as above. very graph. parts. friable br. parts										
300-310	100		as above. few bands py to ½" - deformed sheared parts 60-70°										
310-320	95		as above										
320-330	"												
330-340	95+		as above										
340-350	95+		<u>Argillite</u> : "mottled" black to dk with parts white Qtzte. graph. partings. few bands py to ½". deformed sheared parts 60-70°. more graphitic										

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"F"

Collared			Completed		Core Size		Property Quartz Lake, Yukon			Project No 912		NTS No.			
FIELD COORDINATES						SURVEYED COORDINATES						Sheet 4 of 5			
Lat.		Elev.		Dip		Lat.		Elev.		Dip		Hole No. 94			
Dep.		Depth		Bearing		Dep.		Depth		Bearing		99			
Footage	Rec'y	Graphic Log	Description					% Sulp.	Est. Grade	Sample No.	Lt.	% Pb	% Zn	Oz/T Ag	% Oz
350-360	95+		as above. Increase quartzite												
360-370	70		as above. very broken crumbly												
370-380	"		as above												
			END OF HOLE (CASING PULLED)												
			Assay Sections												
60.5-64.0										P4176	3.7	3.12	5.40	1.29	.01 N
64.0-66.8										P4177	2.8	0.88	0.94	0.32	0.01
66.8-67.4										P4178	0.6	0.08	0.04	0.29	0.01 N
67.4-69.2										P4179	3.8	1.28	5.80	.88	0.01
69.2-74.2										P4180	5.	0.32	1.26	.18	0.01
74.2-78.2										P4181	4.	0.16	0.96	.14	0.01
86-91										P4182	5.	0.38	0.77	.17	0.01
100-105										P4183	5.	4.96	8.04	2.10	0.01
105-110										P4184	5.	2.24	9.60	1.08	0.01
110-115								5%		P4185	5.	8.00	23.20	3.89	0.01

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