

NORANDA EXPLORATION COMPANY LTD.

Property		MARN	Started		July 30	FIELD CO-ORDINATES		SURVEYED CO-ORDINATES		DIP TESTS						NTS no.		116 B/7
Hole no.		M-83-35	Finished		August 2	Lat. 15,948 N		Lat. ^{U.T.M.} 7,153,577		Depth	Bearing	Dip	Depth	Bearing	Dip	Project no.		915
Bearing		330°	Length		124.36	Dep. 10,330 E		Dep. 605,822								Logged by J. Biczok		
Dip - Collar		-50°	Core size		BQ	Elev. 1922.7		Elev. 1940.6								Sheet 1 of 2		
METRES		% Recovery	Graphic Log	DESCRIPTION OF UNITS					% Mineralization	Sample no.	METRES			ASSAYS				
From	To										From	To	Length	Cu (%)	Ag (ppm)	Au (ppb)	W (ppm)	
0	2.0			TALUS CASING														
2.0	49.07			BIOTITE DIORITE Typical medium-grained, equigranular massive biotite diorite of the upper sill. 20-25% biotite, rest is mainly plagioclase.					0									
49.07	52.73			JURASSIC SCHIST Sheared, granular, dark grey quartzite. Generally soft, consists of loosely cemented quartz grains sheared at 70° to C.A.; more massive in lower 2 m.					0									
52.73	67.21			BIOTITE DIORITE Medium-grained, equigranular, biotite diorite, same as the upper sill. Generally massive but local shears containing pink clay at 55.17 - 56.08 and 62.48-62.79					0									
67.21	86.15			JURASSIC SCHIST Light to medium grey, fine grained argillaceous quartzite; generally horrfelsed and weakly bedded. 70.26: Minor Py blebs 73.97 - 74.28: BIOTITE DIORITE DYKE 83.82 - 85.65: BIOTITE DIORITE DYKE with biotite porphyroblastic marble xenoliths up to 40 cm long 85.65 - 86.15: Quartzite with Py-Cp stringers					Minor Py Minor Py 6Cp									
86.15	115.21			TAHKANDIT LIMESTONE Originally fine grained, bioclastic to pettletal white limestone with intercalated quartzite and chert pebble conglomerate. Now largely skarnified (Act-Di) or altered to clay and hematite 86.15 - 86.95: Beginning of skarn zone. High grade Act-Di-Otz-Cp-(Py) skarn. Soft, friable, local minor shears. 86.95 - 87.54: 1/3 is Diopside skarn, rest is biotite porphyroblastic marble and quartzite. 87.54 - 89.31: Soft, biotite porphyroblastic marble and minor clean quartzite. Some 1-2 mm wide Cg veinlets at 75° to C.A. 89.31 - 89.56: Clayey, hematized marble, dark brown in colour. Minor random shears. 89.56 - 90.44: Diopside-Actinolite Skarn with 1/3 green-brown actinolite mud.					10% Cp Minor Cp Tr Cp Barren 5% Cp	9065 9066 9067 9068 9069	86.15 86.95 87.54 89.31 89.56	86.95 87.54 89.31 89.56	0.80 0.59 1.77 0.25 0.88	2.75 0.24 0.107 0.05 1.29	45.0 2.8 1.3 1.0 11.0	20,330 340 345 365 1,230	130 150 6 12 50	

Property MARN

Hole no.M-83-35.....

Sheet ..2....of..2....

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