

# NORANDA EXPLORATION COMPANY LTD.

Property		MARN	Started	JUNE 24, 1983	FIELD CO-ORDINATES	SURVEYED CO-ORDINATES	DIP TESTS						NTS no. 116 B/7	
Hole no.		M-83-25	Finished	JUNE 29, 1983	Lat.15, 928 N	Lat. 7,153,558	Depth	Bearing	Dip	Depth	Bearing	Dip	Project no. 915	
Bearing		Vertical	Length	121.01 m	Dep. 10343 E	Dep. 605,845							Logged by J. Biczok	
Dip - Collar		-90°	Core size	B Q	Elev. 1,902	Elev.1919.6							Sheet 1 of 2	
METRES		% Recovery	Graphic Log	DESCRIPTION OF UNITS	% Mineralization	Sample no.	METRES			ASSAYS				
From	To						From	To	Length	Cu (ppm)	Ag (ppm)	Au (ppb)	W (ppm)	
0	4.2			TALUS										
1.2	51.2	96%		BIOTITE DIORITE Homogenous, equigranular, massive, cretaceous, biotite diorite. Contains 25-30% medium-grained biotite, rest is mainly plagioclase. Minor calcite veins with chlorite alteration selvages in lower part. Some alteration to clay at lower contact.	BARREN									
51.2	71.0	93%		JURASSIC SCHIST Fairly homogenous, thinly laminated, argillaceous quartzite. Medium grey colour on fresh surface but weathers to rusty brown due to fine-grained disseminated Py and Po. Unit is fine-grained, generally hornfelsed but relatively unaltered to secondary minerals. Contact with diorite is altered for 1 m starting with black graphitic schist cut by calcite veinlets for 10 cm followed by friable clayey quartzite. Bedding at 30° to 38° to core axis (C.A.). Foliation nearly parallel to bedding but locally up to 60° to C.A. 51.59 - 51.78: Black graphitic schist cut by calcite veinlets 51.78 - 51.98: Friable, clayey quartzite 60.48 - 60.57: Skarn veinlet with 15-20% coarse Py, 20% quartz, rest is actinolite	Minor disseminated pyrite and pyrrhotite									
					Calcite veinlets	J9001	51.59	51.78	0.19	320	3.0	53	2	
						J9002	51.78	51.98	0.20	425	1.8	28	2	
						J9003	60.48	60.57	0.09	1650	4.2	45	14	
71.0	86.2			TAHKANDIT LIMESTONE Permian bioclastic, fine-grained limestone with interbedded chert and quartzite now pervasively skarnified. 75% of the formation is skarnified to a medium green coloured actinolite - diopside skarn or clayey hematite rich skarn. Non skarnified portions occur mainly in the lower part and probably were quartzite beds. 71.00 - 71.35: Chert pebble conglomerate at top of the formation. Not skarnified. Rounded chert pebbles 5-7 mm across. 71.35 - 71.66: Hematized skarn with minor actinolite and chalcopyrite. Abundant hematite coated fractures	Pervasive skarnification									
					0	J9004	71.00	71.35	0.35	136	0.8	37	4	
					Minor Cp	J9005	71.35	71.66	0.31	1580	3.7	700	3	

[illegible]