

NORANDA EXPLORATION COMPANY LTD.

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METRES		% Recovery	Graphic Log	DESCRIPTION OF UNITS	% Mineralization	Sample no.	METRES			ASSAYS			
From	To						From	To	Length				
			-	70.59-72.81: Contact C.A. 25°, with sheared black po bearing slaty arg. Shearing parallel to contact. Some boudin like features. Po occurs as discrete blebs and disseminations.	Up to 20% py locally								
				Chlorite and slicks on fractures									
				72.81-93.23: Dyke-Sill									
				73.06-73.41: Fractured med. gr. hbld diorite with chlorite	py 2%								
				limonite, calcite, clay and py alteration along fractures.									
				74.96-75.06: Locally calcareous.									
				75.72: Contact between fine gr. diorite and coarser gr. hbld plaq. porphyritic diorite-monzonite (mafics ~25% plaq. phenos ~40%). Flow oriented C.A. 55°									
				87.40-93.23: Contact grades to finer gr. darker version of above. Many fractures most of which have slicks, calcite, clay, chlorite and minor py. Diorite gets finer gr. to chilled margin at contact with slates.									
				93.23-93.30: Hornfelsed contact - slates, minor secondary clay and calcite alteration.	py 5%								
		95		93.30-98.70: Sheared black silty argillite-slate. Few primary bedding features preserved.									
				95.77-95.97: Shear zone - chlorite, graphite and carbonate along shear fractures. C.A. 20°. Quartz fragments preserved as brecciated fragments as well as boudins (5 cm x 10 cm) in the argillites.									
				98.70: Decrease in amount of quartzite and silt sequence becomes massive black slate-phyllite with locally faint laminations. C.A. 45°-60°. 3 dominant cleavages 40°, 30°, 20°. Often contain calcite and chlorite. Fine sillimanite.									
				104.50-104.60: 10 cm wide shear zone C.A. 45°. Chlorite and green talc? Slicks	Up to 20% py locally								
				117.80-117.83: Po, chert lens C.A. 45°									
				121.09: Faint lam. and po blebs C.A. 45°									
		90		123.70: Vertical fracture with green talc? on surface.									
				133.73-140.15: Fractured broken and sheared zone. Graphite, quartz and calcite sealed fractures, some of which have been re-fractured.									
		90		137.55-138.13: Quartz-slate breccia. C.A. 45°. Slate breccia fragments 1 mm - 5 cm long with yellow clay alteration rim. In grey amorphous quartz vein material. 5% po mainly in re-fractured zones with slicks.	po 5%								
				138.08: Well formed open space filled po rosettes.									
				138.78: Quartz slate breccia vein 2 cm wide. C.A. 20°									
				139.44: 5 mm wide fracture filling vein of quartz and clay. C.A. 20°. Slicks on lower surface.									
		95		Above sequence contains many fine silicified fractures.									
				140.15-142.12: Dyke: Silicified, green, 1-2 mm long py blebs elongated. Possibly replacing hbld laths.									
				141.70-141.80: Massive mesocratic section of dyke cut by hairline fractures.									
				141.80-142.12: Fresh dyke material, 30% hbld laths 1 mm in size fining down to 10 cm wide chilled margin.									
				142.12-195.64: Black slate - phyllite locally chert and po rich.									
		100		142.91-143.03: 40% po in slate. Occurs as disseminations in patches and blebs up to 5mm and as hairline fracture fillings, CA 45°	po 40%								

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