B.C.

NORANDA EXPLORATION COMPANY LTD.

Property	PARTON RIVER	Started	Aug. 7, 1985	FIELD CO-ORDINATES	SURVEYED CO-ORDINATES	DIP TESTS						NTS no.	114 P/10
Hole no.	PR-85-1	Finished	Aug. 9, 1985	Lat. 9850 W	Lat.	Depth	Bearing	Dip	Depth	Bearing	Dip	Project no.	677
Bearing	205°	Length	94.3 m	Dep. 11282 S	Dep.							Logged by	M. Savell
Dip - Collar	-50°	Core size	BQ	Elev. 4300'	Elev.							Sheet	1 of 2

METRES From	METRES To	% Recovery	Graphic Log	DESCRIPTION OF UNITS	% Mineralization	Sample no.	METRES From	METRES To	METRES Length	ASSAYS
0	3.05			OVERBURDEN						
3.05	41.8	95%		FELSIC INTRUSIVE OR RHYOLITE FLOW(?): Pale grey, massive, finely porphyritic with quartz + plagioclase, calcareous matrix, brittle, broken up core. Gets darker grey with depth.		73525	23.8	26.8	3.0	
						73524	26.8	29.8	3.0	
				5.5-6.4: Pervasive limonite staining.		73523	29.8	32.8	3.0	
				6.4-9.6: Limonite staining surrounding fractures.						
				9.8-11.3: Pervasive limonite staining.		73522	32.8	35.8	3.0	
				11.3-14.6: Limonite staining surrounding fractures.						
				9.9-10.0, 13.4-13.5, 14.0-14.1: Fault gouge. Brown to creamy clay with fragments of felsite.		73501	35.8	38.8	3.0	
				13.4-14.8, 16.8-41.8: Badly fractured, broken up core.		73502	38.8	41.8	3.0	
41.8	44.3	95%		FELSIC TUFF: Pale grey-green, fine-grained, slightly schistose, foliated at 45 to 65° to C.A. Minor pale apple green clay alteration near contacts. Finely disseminated and irregular thin veinlets of pyrite and pyrrhotite throughout (2-5%). Irregular calcite veinlets throughout. Broken up core.	2-5% py-po	73503	41.8	44.3	2.5	
44.3	52.1	80%		FELSIC INTRUSIVE OR CRYSTAL TUFF?: Medium-grey, with a vague porphyritic or tuffaceous texture, with pale grey, calcareous, subangular fragments in a darker grey, very fine matrix. Appears to have been brecciated and healed in places. Broken up core.		72504	44.3	47.3	3.0	
						72505	47.3	50.3	3.0	
						72506	50.3	52.1	1.8	
52.1	57.9	90%		FELSIC TUFF: Similar to 41.8 to 44.3, but foliation is better defined, averages 60-70° to C.A. Soft green to blue clays developed on some fractures, possible shearing effect. Slightly calcareous, with minor disseminated and fracture coating pyrite throughout. Fine, dark brown mineral (staurolite or tourmaline?) gives speckled texture in places. Becomes darker gray with depth. Fractured, broken up core.		72507	52.1	55.1	3.0	
						72508	55.1	57.9	2.8	
57.9	60.5	55%		FAULT ZONE: Consists of grey, massive clay, with angular fragments of adjacent rock types at each margin. Minor disseminated, v.f.gr. py. Poor resistor as indicated by Ohm meter test.		73509	57.9	60.5	2.6	
60.5	66.8	80%		GRAPHITIC, ARGILLACEOUS LIMESTONE: Black, v.f.gr., mixed limestone and graphitic argillite. Argillic sections are graphitic, with minor disseminated f.gr. py, calcareous		73510	60.5	61.5	1.0	
						73511	63.5	66.5	1.0	

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METRES From	METRES To	% Recovery	Graphic Log	DESCRIPTION OF UNITS	% Mineralization	Sample no.	METRES From	METRES To	METRES Length	ASSAYS
				Predominantly limestone sections are massive, v.f.gr. lime-		73512	66.5	69.5	3.0	
				stone with thin irregular calcite veinlets. Graphitic						
				sections are good conductors as indicated by Ohm meter tests.						
				These sections are very broken up, fractured.						
69.8	94.3	799%		DIORITE-GABBRO: Fine grained, dark grey-dull green, massive		73513	69.5	70.5	1.0	
				fine mafic intrusion. Upper contact is bleached, v.f.		73514	70.5	73.5	3.0	
				grained for several metres, calcareous. Predominantly		73515	73.5	76.5	3.0	
				hornblende, plagioclase and biotite, minor pyrrhotite.		73516	76.5	79.5	3.0	
						73517	79.5	82.5	3.0	
	94.3			END OF HOLE.		73518	82.5	85.5	3.0	
						73519	85.5	88.5	3.0	
						73520	88.5	91.5	3.0	
						73521	91.5	94.3	2.8	