NORANDA EXPLORATION COMPANY LTD.

Property TAK		Started June 25, 1984	FIELD CO-ORDINATES	SURVEYED CO-ORDINATES	DIP TESTS						NTS no. 116 B/10		
Hole no. T-84-6		Finished	Lat. 19+65N	Lat.	Depth	Bearing	Dip	Depth	Bearing	Dip	Project no. 92		
Bearing 165°		Length 73.5 m	Dep. 13+60E	Dep.							Logged by W. Reid		
Dip - Collar -50°		Core size NQ	Elev. 1650 m	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 Pb	ASSAYS Zn	ASSAYS As	ASSAYS Ag	ASSAYS Au
				TALUS										
0	5.5	N/A		OVERBURDEN: ~~Tallus~~ and Broken bedrock										
5.5	21.7			PHYLLITIC GRN. ARGILLITE: Light green, very fine grained, mudstone, moderately bedded with 20% light brown interbeds. Beds are lensoid, discontinuous and streaky. Minor thin black lenses. There is a non-penetrative cleavage at 35 to 40° to C.A. which is often coated with red hematite and disseminated manganese dendroids, and spots. Fractures are also lined with this material. C.A. bedding avg - 15 - 20°	hematite & Mn. on fractures									
				Hematite gives rock a red color when broken and is more common on the brown beds. Gradational contact.										
21.7	27.1	95°		GREY ARGILLITE Bedding is very disrupted and in part brecciated. Rock is well fractured and altered by clay, hematite and limonite. Bedding and cleavage irregular. Minor thin veinlets and knots of white and brown material (qtz + siderite) however no mineral is seen and the veinlets are quite thin (mm)	rusty weathering (limonite)	37356 37357	23.6 25.1	25.1 26.9	1.5 1.8					
27.1	53.9	60°		GRAPHITIC ARGILLITE: Unit as a whole is extensively broken, fractured and sheared with only 60% core recovery. The graphitic unit is interbedded with altered lt. brn. to grey argillite and sandy breccia. These non graphitic units are Fe oxidized with 1% very thin qtz siderite veins and knots. It is extensively clay altered and some shearing and crushing is seen in the coarser beds. Graphitic units have a yellow to orange coating on cleavage planes and fractures. Hematite alteration still moderate, however Mn not seen. C.A. cleavage @ 40-50° 30.9 - 33.7: best section of minor veining in a grey sheared argillite and sist 32.4 - 33.0: medium to coarse grained tectonic breccia (crushed) frags up to 1 cm Hematite & limonite altered 31.2: 1 cm vein of qtz x ls (largest seen) 40.0 - 41.3: med. gry to brn sheared argillite and graphitic schist. Limonite, altered and minor	limonite alteration minor qtz-sid. veinlets up to 1 cm	37358 37359 37360 37361 37362 37363	26.9 28.9 30.9 40.0 49.1 50.6	28.9 30.9 33.0 41.3 50.6 52.1	2.0 2.0 2.1 1.3 1.5 1.5					

NORANDA EXPLORATION COMPANY LTD. Property .....TAK...92..... Hole no. .....T-84-A..... Sheet ...2...of...2...

METRES From	METRES To	% Recovery	Graphic Log	DESCRIPTION OF UNITS	% Mineralization	Sample no.	METRES From	METRES To	METRES Length	ASSAYS Pb	ASSAYS Zn	ASSAYS As	ASSAYS Ag	ASSAYS Au
				quartz veins										
				27.3 - 38.4: 50% lost core										
				38.4 - 39.9: lost core										
				49.1 - 49.6: med grained sst. with limonite coated fractures. 30° C.A. bedding.										
53.9	65.2			GREY ARGILLITE AND CONGL(SHEARED): Med to purple gry argillite. Conglomerate 1% probably shear breccia. Rock is irregularly cleaved and fractured giving conglomerate appearance. Purple to reddish tint from more Fe rich frags and lenses. C.A. from 0-30°										
				62.3 - 62.5: Mud seam, fragments are augened by "sheared" mud seam. 10-40° to C.A.										
65.2	70.1	60%		GREY ARGILLITE: Relatively massive soft mudstone.										
				67.4 - 70.1: Sand and mud seam										
				68.1 - 70.1: 2.0 m lost core.										
70.1	(71.1)	85%		CHERTY ARGILLITE: Light to medium grey v.f.g. with numerous dk gr hairline fractures										
(71.1)	(73.5)	0		LOST CORE										
	73.5			END OF HOLE: Rods stuck										
				Broke at 200 ft. down hole										
				Core barrel and 40 ft. rods in hole.										