ARCHER, CATHRO & ASSOCIATES (1981) LIMITED | **PROJECT** NDU | **PROPERTY** NICK | **HOLE NO.** 88-1 | **Page** 1 **of** 2

Elevation | **Drill contractor** CARON | **Logged by** F. ANDERSON | **Total depth** 77.42 m (254')

Coordinates | **Hole started** | **completed** | **Core size** NQ

Dip -50° | **Target**

Azimuth 225°

CHERTY ARGILLITE
LIMEY SHALE
NLS HORIZON
BRECCIATED CHERT
LIMESTONE BALL MARKER
SHALE
78° BEDDING/LAMINATION
60° FRACTURE/AXIAL PLANE CLEAVAGE

Depth m	% Recov	Visual Log	Struct (ANGLE TO CORE AXIS)	Lithology	Alteration	Sulphide & Alteration Mineralogy	Sample Number	Assay Interval	Assay Results: Ni ppm	Co ppm	Mo ppm	Zn ppm	Ag ppm	As ppm
	85%						1802 A	1.52-4.52	110	7	57	208	0.4	10
5	100°		78°, 60°, 35°	LAMINATED BLACK CHERT WITH BEDS 3 TO 18 CM THICK, SHALE LAYERS UP TO 5 MM THICK, OFTEN BOUNDED BY A WHITE, SOFT, FIBROUS SILICATE. SMALL SHEAR AT 5m, ZONE OF NUMEROUS HAIRLINE FRACTURES 5.79-7.90			1803 A	4.52-7.62	122	51	54	292	0.6	15
							1804 A	7.62-10.67	142	18	76	206	0.2	20
10				8.16 - FRACTURED, LAMINATED CHERTY ARGILLITE, WITH BEDS 5 TO 40 CM. THICK SHALE LAYERS AND WHITE SILICATE UP TO 5 MM THICK. PY LAMINATIONS WITH UP TO 1% DISSEM. PY			1805 A	10.67-13.72	104	8	54	181	0.4	15
							1806 A	13.72-16.76	124	10	59	215	0.6	20
15	85°		70°				1807 A	16.76-19.81	107	6	59	231	0.6	15
							1808 A	19.81-22.86	74	4	33	154	0.4	10
20	98°			17.10 LAMINATED, BLACK, CHERTY ARGILLITE WITH AN INCREASE IN SHALE LAYERS AND WHITE SILICATE LAYERS. SHALE LAYERS 1-2 mm THICK. 19.82 DISSEMINATED CARBONATE IN LAMINATED BLACK CHERTY ARGILLITE. INCREASE IN PY BANDS CHERT BEDS 4 TO 35 cm THICK			1809 A	22.86-25.91	116	6	58	196	0.6	15
							1810 A	25.91-28.96	118	7	60	223	0.6	20
25			66°	22.86 BLACK, LAMINATED CHERTY ARGILLITE WITH 1 TO 5 mm SHALE AND SILICATE LAYERS. CHERT BEDS ARE 2 TO 30 cm THICK.			1811 A	28.96-32.0	100	5	40	238	0.6	10
							1812 A	32.0-35.05	122	8	48	738	0.6	20
30		PY, PY		31.14-33.0 - SEVERAL 4 mm PY BANDS, 60% PY, 40% MUD.			1813 A	35.05-38.1	123	7	50	386	0.6	20
							1814 A	38.1-41.15	134	5	47	366	0.6	20
35		PY		36.80 - BLACK, LAMINATED, CHERTY ARGILLITE WITH 5 TO 25 cm THICK BEDS. SHALE LAYERS UP TO 3 mm THICK. SULPHIDE CONTENT INCREASE TO OVER 1%. SECTION IS FRACTURED ~ PERPENDICULAR TO BEDDING			1815 A	41.15-44.2	173	8	56	1850	1.2	40
							A1033	44.16-44.35	1785	35	159	1650	< 0.2	130
40	96°	PY	53°	41.29 - 1-3 mm CONVOLUTED PY BANDS ENCLOSING SHALE			A1034	41.35-41.42	3660	50	123	3020	4.2	150
							1816 A	44.2-47.24	132	7	37	982	< 0.2	20
45			70°	44.9 - LAMINATED, BLACK, CHERTY ARGILLITE WITH 3 TO 5% WHITE SILICATE. 46.82 - DARK GREY, LIMEY SHALE, GRADES TO MUDDY LIMESTONE, 1% SILICATE LAMINAE			1817 A	47.24-50.30	172	9	63	710	0.2	30
				47.56 - LAMINATED, BLACK CHERTY ARGILLITE. BLOCKY CORE, WITH FRACTURES ~ PARALLELING CORE AXIS.										

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED **PROJECT** NDU **PROPERTY** NICK **HOLE NO.** 88-1

Elevation	Drill contractor	Logged by	Total depth
Coordinates	Hole started	completed	Core size
Dip	Target		
Azimuth			

Depth	% Recov	Visual Log	Struct	Lithology	Alteration	Sulphide & Alteration Mineralogy	Sample Number	Assay Interval	Assay Results Ni ppm	Co ppm	Mo ppm	Zn ppm	Ag ppm	As ppm
							1818A	50.3-53.34	190	15	35	774	0.4	15
55	100%		68°	50.91 - BROKEN, BLACK, LAMINATED CHERTY ARGILLITE, BEDS 1 TO 10 cm THICK. WHITE SILICATE COMPRISES 5% OF ROCK AS CRENULATED BANDS UP TO 3 cm THICK. SHALE LAYERS DISAPPEAR.			1819A	53.34-56.39	188	16	37	551	0.2	10
							1820A	56.39-59.65	902	10	144	489	0.4	65
60	100%		65°	59.13 - 59.23 - NCS HORIZON. 10 cm of MASSIVE SULPHIDE, PY AND VARESITE ?, AS CONVALUTED BANDS, 1 TO 5 mm THICK. INTERSPERSED BY THIN GRAPHITIC SHALE LAMELAE			1801A	59.13-59.23	2.9%	131	1570	6590	6.8	1985
							1821A	59.23-62.48	295	9	88	431	<0.2	35
65				59.23-60 - IRREGULAR SILICATE BANDS CONTAINING BRECCIATED BLACK CHERT FRAGMENTS 60-61.08 - HARD BLACK SHALE, FRACTURED NEAR PARALLEL TO CORE AXIS 61.08 - 77.42 LIMESTONE BALL MEMBER			1822A	62.48-64.62	155	6	46	244	<0.2	15
							1823A	64.62-64.92	83	2	26	181	<0.2	5
70	100%			WITH SILICEOUS SHALE OR CHERT/ARGILLITE BETWEEN BALLS. 61.35-67.0 - SILICEOUS SHALE, LOCALLY FRACTURED PARALLEL TO CORE AXIS 67-69 - LIMESTONE			1824A	64.92-66.29	249	12	74	445	<0.2	25
							1825A	66.29-67.97	47	2	15	100	<0.2	5
75	98%			69.0-69.5 - CHERTY ARGILLITE 69.5-71.40 - LIMESTONE BALLS MIXED WITH CALCAREOUS ARGILLITE MATRIX 71.40-73.0 - CHERTY ARGILLITE			1826A	67.97-69.65	144	6	48	246	<0.2	10
							1827A	69.65-70.71	75	3	23	120	<0.2	10
80				73.0-73.85 - LIMESTONE 73.85-74.90 - CALCAREOUS SHALE 74.9-75.27 - LIMESTONE			1828A	70.71-73.76	153	4	50	241	<0.2	20
							1829A	73.76-75.29	231	6	70	409	<0.2	25
				75.27 75.42 - CHERT 75.42-76.22 - SHALE 76.22-76.52 - LIMESTONE 76.52-76.72 - CHERT			1830A	75.29-75.74	26	2	8	55	<0.2	<5
							1831A	75.74-77.42	331	37	51	754	0.2	10
				76.72-77.42 - ARGILLITE										