

DRILLING PROGRESS REPORT SORELL PENINSULA NODDY CK. Branch

Bore..... DHNCA
 Location..... 40N 48.5E
 Bearing..... 086 $\frac{1}{2}$ ^o Provisional (TRUE BEARING)
 Depression..... 45^o
 R. L. Collar..... 783.1 feet
 Est. Total Depth..... 500 feet
 Footage for Period.....

Report No..... 823168
 Period..... MARCH - APRIL 1971
 Operator..... A.D.D.
 Unit..... F.30
 Bit..... NQTT STEP FACED
 Barrel..... N & W/L (TT)

160
 0
 (1)
 0.6
 (2)
 9.0
 (3)
 5.0
 (4)
 1 1.5
 (5)
 1 0.0
 (6)
 1 4.9.0
 (7)
 1 6.0
 (8)
 185.5

Box	From	To	Int.	Core Rec'd.	%	Core In Dip	Feet	Description
	0	32.0	32.0	2.4	7.5		0 -	<u>Greywacke</u> ; yellow-grey, weathered,
		39.0	7.0	3.4	48.5	38.5'	39.1	carbonaceous fine greywacke and shale.
		42.0	3.0	2.9	96.7	40 ^o		
		49.6	7.6	4.6	60.6		39.1	<u>Greywacke and shale</u> ; black, carbonaceous, laminated, fine greywacke and shale. Pyrite
		56.5	6.9	5.6	81.3	53.0'		
		64.5	9.0	6.5	72.3	53 ^o		
		73.7	9.2	6.6	71.7		45.3	fibres along fracture planes.
		83.4	9.7	9.7	100.0		45.3	<u>Greywacke</u> ; grey, fine greywacke with some bands of siltstone and shale. Pyrite throughout on fracture planes and in vughs.
		98.3	14.9	14.3	96.0	37.0'		
		101.0	2.7	1.6		52 ^o		
		109.8	8.8	6.6	75.0		113.0	Microfaults common.
		111.9	2.1	1.8	89.1			
		118.7	6.8	4.8	70.6		113.0	<u>Brecciated hornfels</u> ; Black, carbonaceous, hornfelsed siltstone with serpentine and quartz veins and picrolite along fractures
		119.6	0.9	0.3	33.3			
		123.4	3.8	3.5	92.1		118.0	planes. Some carbonate.
		126.2	2.8	1.2	42.8			
		131.0	4.8	1.1	22.9		118.0	<u>Brecciated Hornfels</u> ; as above with cross fibre (1/16") veins and magnetite blebs.
		135.5	4.5	1.4	31.1			
		137.5	2.0	1.5	75.0		118.7	Serpentinite; very sheared, pale green c magnetite.
		145.0	7.5	2.0	26.7			
		149.8	4.8	2.3	47.9		130.6	<u>Sheared serpentinite</u> ; variegated, c slip fibre and magnetite. Blebs minor +ve D.M.G. sulphide
		152.0	2.2	1.6	72.8			
		154.5	2.5	1.7	68.1		188.0	at 137.2' and 160.0'.
		158.9	4.4	3.2	72.8			
		165.6	6.7	5.8	86.5			
		172.4	6.8	2.9	42.6			
		179.4	7.0	5.0	71.4			
		187.2	7.8	6.8	87.1			

Remarks: 1. B. Cuffley logged 0 - 118.7
 2. N.B. a 14.9 foot run 83.4' to 98.3 feet.

Date..... 7/4/71

Logged by..... JOHN G. LANGLANDS

Bore DHNC4

Report No. _____

169
Box
9)
202.0
10)
218.0
11)
233.0
12)
250.5
13)
267.0
14)
282.5
15)
298.5
16)
314.0
17)
330.0
18)
345.0
19)
360.5
20)
378.5
21)
394.0
22)
412.0

From	To	Int.	Core Rec'd.	%	Dip In Core	Feet	Description
187.2	195.9	8.7	7.3	83.9		188.0	<u>Sheared serpentinite</u> ; variegated,
	205.6	9.7	9.2	94.9		228.0	
	215.6	10.0	9.4	94.0		228.0	<u>Very sheared serpentinite</u>
	225.6	10.0	9.2	92.0		237.0	
	232.6	7.0	6.6	94.2		237.0	<u>Pale sheared serpentinite</u> ; \bar{c} minor stichtite and slip fibre and magnetite (less than or equal to 5%) veins and disseminations.
	236.8	4.2	3.2	76.2		319.0	
	242.7	5.9	3.9	66.1		319.0	<u>Dark massive serpentinite</u> ; slightly sheared \bar{c} magnetite veins, minor slip fibre and very minor stichtite disseminations.
	249.7	7.0	5.3	75.6		325.5	
	258.8	9.1	8.7	95.5		325.5	<u>Pale green serpentinite</u> \bar{c} short ribbon and stockwork cross fibre.
	267.8	9.0	9.0	100			
	277.8	10.0	10.0	100			
	288.3	9.5	9.5	100			
	298.0	9.7	9.7	100			
	307.5	9.5	9.3	97.9			
	316.8	9.3	9.3	100			
	325.6	8.8	7.6	86.5			
	333.0	7.4	7.4	100			
	340.0	7.0	6.4	91.4			
	347.3	7.3	6.3	86.2			
	354.2	6.9	5.5	79.6			
	359.7	5.5	3.9	71.0			
	366.0	6.3	5.9	93.6			
	371.8	5.8	5.2	89.6			
	377.8	6.0	5.6	93.3			
	383.0	5.2	4.9	94.4			
	388.5	5.5	5.2	94.6			
	395.0	6.5	6.3	97.0			
	400.9	5.9	4.3	73.0			
	404.5	3.6	2.9	80.6			
	409.5	5.0	4.2	84.0			
	414.7	5.2	4.7	90.5			
						326.5	<u>Dark massive serpentinite</u> ; slightly sheared \bar{c} magnetite veins, minor slip fibre and very minor stichtite disseminations.
						329.5	<u>Pale sheared serpentinite</u> ; \bar{c} magnetite, minor slip fibre and minor stichtite.
						343.5	<u>Dark serpentine/talc rock</u> ; \bar{c} a folded micro-scale ribbon fibre fabric and irregularly shaped (less than or equal to $\frac{1}{2}$ ") disseminations of a soft, amorphous, chocolate brown mineral, may be a serpentine vein.
						344.1	<u>Pale sheared serpentinite</u> ; \bar{c} magnetite veins and minor stichtite and slip fibre.
						364.0	<u>Serpentinite</u> ; dark and deep green, slightly sheared and sheared \bar{c} magnetite. Stichtite and minor slip fibre are visible in the more massive portions.

Remarks:

Date 12/4/71

Logged by JOHN G. LANGLANDS

Bore DHNC4

Report No. _____

170

Box
42.0
(23)
47.4

From	To	Int.	Core Rec'd.	%	Dip in Core	Feet	Description	
414.7	419.4	4.7	4.6	98.0		414.5	<u>Very Sheared Serpentinite.</u>	
	427.4	8.0	4.1	51.3		427.4		
							Depth of Hole 427.4' Core recovered 328.7' Overall % Recovery 76.9%	
							<p align="center"><u>DIP TESTS</u></p> 0° 44° 200° 43½° 400° 44½°	

Remarks: The hole was collared in weathered sediments and no core recovery was made for the first 30 feet.
 In places the rock is very sheared and washes away very easily indeed. The core recovery is reasonable for the type of rock drilled.

Date 13/4/71

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