

SHIP: FERDER

B.H. NO: 82/9

GEOLOGICAL LOG COVERING ONE CORE RUN

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Run <u>0</u> m to <u>3</u> m Recovery <u>1.00</u> m (50%)			
Depth	Sub Samples	Lithology	Description
0		X	
1		X	
2	N/A 2.5	≡	Mudstone silty grades to siltstone muddy dark greenish grey SG.Y 4/1. calcareous hard v. micaceous (bubble flaggy in part banded in part.
3		≡	
			3.0-2.1, additional core from this run discovered in next run.
All core recovered measured from base of run.			

Sub Sample Code

- EGU - Engineering
- P.S.A. - grain size
- M'Pal - Micropalaeontology
- Macro - Macropalaeontology
- P'Mag - Palaeomagnetic
- M - Moisture Content

Lithology Code

- ≡ Clay/shale/mudstone
- ≡≡ silt/siltstone
- ∴∴∴ sand/sandstone
- egg gravel/conglomerate
- ≡≡ Carbonate
- v v v Extrusive
- x x x Intrusive
- ≈ Metamorphic
- pebbles
- σ shells
- c organic
- P Plant Fragments
- Si, Fe, minerals

INSTITUTE OF GEOLOGICAL SCIENCES

Continental Shelf Unit

COMPOSITE LOG

Borehole No 82/a = 59/-03/306.

Location:

Actual position: Latitude: 59° 57.624' N
Longitude: 02° 36.790' W

Datum shift
59° 57.664' N
02° 36.675' W

IGS Borehole No

Dates of drilling: 30th-31st July

Total depth: 92m 3m.

Water depth: 89m

Navigation: Decca

Positioning: Sat Nav.

Contractor:

Vessel: FERDER

Sea Area:

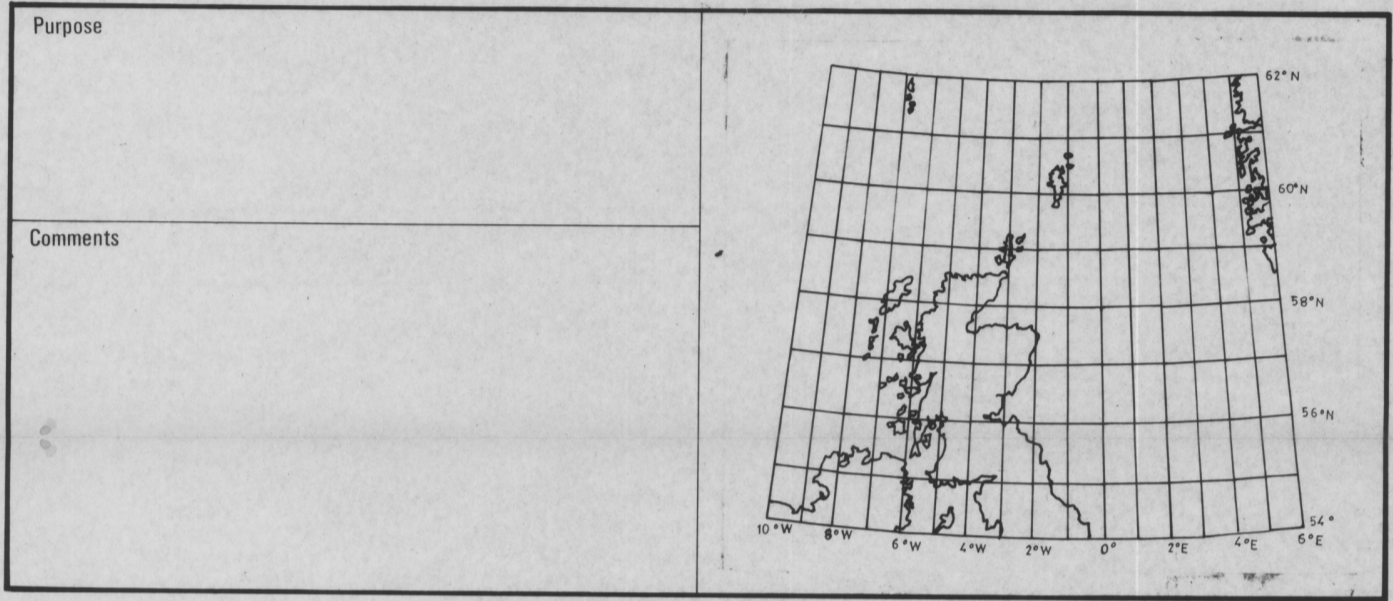
Planned IGS No: 102

Licence Block: 5/2

Operator: Unallocated

1:100 000 Sheet No: Orkney NE 59° 30' N 03° W

Geologists: D Evans D Tappin



LITHOLOGICAL KEY		
	CLAY/SHALE, MUDSTONE	
	SILT/SILTSTONE	
	SAND/SANDSTONE	
	GRAVEL/CONGLOMERATE	
	LIMESTONE	
	CHALK	
	DOLOMITE	
	COAL/LIGNITE	

AGE	NATURAL GAMMA RAY LOG (Counts/s)	LITHOLOGY	DESCRIPTION	SUB-SAMPLES	COMMENTS
	0 50 100	INTERPRETATION CORE RECOVERED			
	Depth (m below sealevel)				
	Scale: 1:1000	Seabed			
		3m TO	Mudstone: silty grades in fact to siltstone, muddy dark greenish grey, 5B-74/1 calcareous, v. hard, v. micaceous (white) banded. very broken core.	2.0m SUB-SAMPLED BY MOBIL OCT 82 3.0m.	
		5	53% Recovery.		