SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F 61 -04 29
(F: 1; ± lat; ± long; no. 11)

CRUISE NO. 86 KS 03 (year : ship : no 18)

DATE 7.1.28 (mnth : day 22)

TIME (local) 13 00 (hrs : mins 26)

WATER DEPTH 1249 (metres 30)

POSITION FIXING METHOD [L]

COMMENT [ ] 32

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6L

RED [ ] E 0.8.2 41

GREEN [ ] B 36.57 48

PURPLE [ ] A 62.90 55

POSITION

LATITUDE + 61 14.92 (± degs : mins (decimal) 63)

LONGITUDE - 03 27.94 (± degs : mins (decimal) 71)

ADDITIONAL INFORMATION :

EQUIPMENT TYPE: 1 = sample recovered; 2 = no sample (geological reasons); 3 = no sample (equipment failure); 4 = no sample (undifferentiated)

G (1) dup cols 2-11

GS | VE | CS | CR | DM | DR | BH | SD | RD | SU | PS | DI | BS | OC | OG

1 (12 ... 22 ... 32)

T.D. metres: 1183 (50 ... 55)

SUMMARY SAMPLE DESCRIPTION : (Free text - max 69 characters)

H (1) dup cols 2-11: DARK GREY VERY SOFT MUD (12 ... 20 ... 30 ... 40 ... 50 ... 60 ... 70 ... 80)

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER

Head	Readings					

HAND VANE

Head	Readings	
2	5.3	6.6
	5.0	2.8
	3.4	6.6

AVERAGED DATA

DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
I (1) dup cols 2-11: 0.50 (14)	(18)	1.1.9 (22)
0.93 (25)	(29)	7.8 (33)
1.65 (36)	(40)	1.0.0 (44)
(47)	(51)	(55)
(58)	(62)	(66)
(69)	(73)	(77)
I (1) dup cols 2-11 (14)	(18)	(22)
(25)	(29)	(33)
(36)	(40)	(44)
(47)	(51)	(55)
(58)	(62)	(66)
(69)	(73)	(77)

SAMPLE DESCRIPTION SHEET

BRITISH GEOLOGICAL SURVEY — MARINE GEOLOGY UNIT

SAMPLE NO. 61 -04 29

SURFACE SAMPLE | Equipment Used: G | Seabed Photo: Yes/No | Stored in: Jars, Bags.

Mudwaves

CORE SAMPLE | Equipment Used: CS | Stored in: 2 Cut Cores, Uncut Cores, 1 Jars, Bags.

Core Photo: Yes/~~No~~

Depth (m)	Log	Description	Sub Samples	Geotechnical Log
0		Dark grey (5Y 4/1) Very soft mud		
		Uppermost 19cm is brown (7.5YR 4.5/2)		
1		Large fragment of "indanocratic" (J. Chesher pers comm 29/11/86) rock at top (70mm)		
		Some encrusting epifauna. Subangular.		
2				
3				
4				
5				
6				

○ shear strength △ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST PB.

SAMPLE NUMBER K 61-9/4 . 29

K dup columns 2-11

DEPTH INTERVAL (m) upper	lower	SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting	HCl Reaction	SAND Grain Size Range	Roundness Range	Sphericity	% Shell Material	MUD Hardness	Plasticity	GRAVEL % Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing	H_2S Odour	Heavy Minerals	Mica	Glauconite	Fauna/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
9.99	1.83	M		5Y 4/1		W							0	70	S	H															

12 21 30 40 48 52 61 ABUNDANCE SCALE 80

L dup columns 2-11

DEPTH INTERVAL (m) upper	lower	label	ADDITIONAL COMMENTS (FREE TEXT)

12 21 30 40 50 60 70 80

SORTING OF TOTAL SAMPLE	HCl REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H_2S ODOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	COMMENTS
V=very poorly sorted P=poorly sorted M=moderately sorted W=well sorted X=very well sorted	N=no reaction W=weak M=moderate S=strong	S=silt V=very fine F=fine M=medium C=coarse K=very coarse	V=very angular A=angular S=subangular U=subrounded R=rounded W=well rounded	L=low H=high	V=very soft S=soft F=firm T=stiff Y=very stiff H=hard	N=non-plastic L=low plasticity I=intermediate H=highly plastic	G=gradational S=sharp E=erosive U=unconformity	F=flat lamination R=ripple lamination X=cross-bedded D=disturbed C=colour banded G=graded bedding	J=prominent joints D=prominent discontinuities F=fissuring	W=weak M=moderate S=strong A=induced by acid	R=rare C=common A=abundant	G=group F=formation M=member B=bed I=informal	C=additional comments below 1,2 etc=label if more than one comment SHEET ____ OF ____