A19

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) +59 (± lat) -01 (± long) 78 (no. 11)

CRUISE NO.	DATE	TIME (local)	WATER DEPTH	POSITION FIXING METHOD	COMMENT
82 WH 05 (year : ship : no 18)	06 04 (mnth : day 22)	18 10 (hrs : mins 26)	140 (metres 30)	A	(32)

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN	RED	GREEN	PURPLE
6C	. (41)	A 41.21 (48)	G 76.65 (55)

POSITION

LATITUDE	LONGITUDE
+59 15.00 (± degs : mins (decimal) 63)	-01 21.00 (± 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	1													

(12 22 32)

T.D. metres: 5.98 (50 55)

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

H (1) dup cols 2-11

OLIVE GREY SILTY MUD WITH FISH RE

MAINS AT 4.9M

(12 20 30 40 50 60 70 80)

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER Head	Readings					HAND VANE Head	Readings		
						X2	2.4	2.2	
						X2	3.0	3.0	
						X2	2.5	2.6	
						X2	2.9	3.5	
						X2	3.9	4.0	
						X2	4.5	5.5	

AVERAGED DATA

	DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
I (1) dup cols 2-11	0.80 (14)	. (18)	4.6 (22)
	1.80 (25)	. (29)	6.0 (33)
	2.80 (36)	. (40)	5.1 (44)
	3.80 (47)	. (51)	6.4 (55)
	4.80 (58)	. (62)	7.9 (66)
	5.70 (69)	. (73)	10.0 (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)

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SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -01 | 78

SURFACE SAMPLE | Equipment Used: GS | Seabed Photo: ~~Yes~~/No | Stored in: 1 Jars, — Bags.

SANDY MUD, very soft, olive-green (5Y4/2.5), silt to very fine-grained, v. well-sorted, a-A, c 1% finely-comminuted shell sand; foraminifera common-rare, few spicules, few flakes mica, <1% lithic grains, few worms noted.

[SM]

CORE SAMPLE | Equipment Used: VE | Stored in: 6 Cut Cores, — Uncut Cores, 1 Jars, — Bags.

Core Photo: Yes/No

Depth (m)	Log	Description	Sub Samples	Geotechnical Log
0	6	SILTY MUD, olive-grey (5Y4.5/1) [slight silty only], very soft, highly plastic, only slightly calcareous, with isolated lenses (<1% of core) very fine sandy silt; trace mica, c5% of grains lithic; a-A. Otherwise mud apparently uniform, structureless. Two fragile bivalve fragments in top 2m.	MOISTURE	shear strength ○ compressive strength Δ
1		At 4.9 m 2 cm band containing v. abundant spines, bones of small ? fish – see separate samples	MOISTURE	
2	6		MOISTURE	
3			MOISTURE	
4			MOISTURE	
5		← ? fish remains	MOISTURE	
5.98	6			

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SAMPLE STATION GEOLOGY

GEOLOGIST: DC

SAMPLE NUMBER: K (1) +59 -01 78 (11)

K dup columns 2-11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	SEDIMENT (Folk class) or main rock type	subordinate rock type	MUNSELL COLOUR	Sorting	HCl Reaction	SAND Grain Size Range	SAND Roundness Range	SAND Sphericity	SAND % Shell Material	MUD Hardness	MUD Plasticity	GRAVEL % Shell Material	GRAVEL Max. Clast Size (mm)	GRAVEL Roundness Range	GRAVEL Sphericity	Basal Contact	Bedding	Jointing	H_2S Odour	Heavy Minerals	Mica	Glauconite	Fauna/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
0.00	5.98	M		5Y4.5/1		W	S				V	H						M				R		R							C

12 21 30 40 48 52 61 ABUNDANCE SCALE 80

L dup columns 2-11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	label	ADDITIONAL COMMENTS (FREE TEXT)
0.00	5.98	1	FISH REMAINS RECOVERED AT 4.9M

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 ____

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