SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | -01 (± long) | 204 (no.) (11)

CRUISE NO. (year : ship : no) (18): 83 | WH | 03

DATE (mnth : day) (22): 04 | 26

TIME (local) (hrs : mins) (26): 02 | 54

WATER DEPTH (metres) (30): 141

POSITION FIXING METHOD: L

COMMENT: (32)

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN	RED	GREEN	PURPLE
6C		A 46.12 (48)	Q 79.13 (55)

POSITION

LATITUDE (± degs : mins (decimal)) (63)	LONGITUDE (± degs : mins (decimal)) (71)
+59 16.28	-00 14.48

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 (12-32): GS | VE | CS | CR | DM | DR | BH | SD | RD | SU | PS | DI | BS | OC | OG — 1 1

T.D. metres (50-55): 0.78

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

H (1) dup cols 2-11 (12-69):

FINE SILTY CLIVE SAND OVER SHELLY

MUDDY SAND OVER MIXED SANDS ~~AND GRAVEL~~ AND CLAY

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER Head	PENETROMETER Readings					HAND VANE Head	HAND VANE Readings			

AVERAGED DATA

	DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
I (1) dup cols 2-11	(14)	(18)	(22)
	(25)	(29)	(33)
	(36)	(40)	(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

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. 59 -01 204

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

mS Well sorted, fine to v. fine, silty, olive 5Y 4/4 sand.

CORE SAMPLE	Equipment Used: GS	Stored in: 1 Cut Cores, Uncut Cores, Jars, Bags.

Depth | Log | Description | Core Photo: Yes/~~No~~ | Sub Samples | Geotechnical Log

(m)

0.20

mS Description of for GS sample.

gmS v. soft, fine-v. fine, silty, clayey, olive grey 5Y 4/2 sand with shell frags, scaphopoda and pebbles

0.47

mS and sM

0.78

1

Unconsolidated irregular units of olive grey 5Y 4/2 fine to v. fine silty, clayey sand and v. soft, grey 5Y 5/1, highly plastic, fine to v. fine sandy, silty clay.

2

3

4

5

6

o shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER K +59-01 2604

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	0.20	MS		5Y 4/1	W	V	FS	SR	H	FS							S										C				
0.20	0.47	GMS		5Y 4/1	M	N	FS				V		90	20	SR	S	S														
0.47	0.78	MS	SM	5Y 4/1	M	N	FS				V	H																			

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)
0.47	0.78		THIS IS A INTERMIXED UNITS WITH THE CLAY IN LESSER AMOUNT

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	N=no reaction	S=silt	V=very angular	L=low	V=very soft	N=non-plastic	G=gradational	F=flat lamination	J=prominent joints	W=weak	R=rare	G=group	C=additional comments below
P=poorly sorted	W=weak	V=very fine	A=angular	H=high	S=soft	L=low plasticity	S=sharp	R=ripple lamination	D=prominent discontinuities	M=moderate	C=common	F=formation	
M=moderately sorted	M=moderate	F=fine	S=subangular		F=firm	I=intermediate	E=erosive	X=cross-bedded	F=fissuring	S=strong	A=abundant	M=member	1,2 etc=label if more than one comment
W=well sorted	S=strong	M=medium	U=subrounded		T=stiff	H=highly plastic	U=unconformity	D=disturbed		A=induced by acid		B=bed	
X=very well sorted		C=coarse	R=rounded		V=very stiff			C=colour banded				I=informal	
		K=very coarse	W=well rounded		H=hard			G=graded bedding					SHEET ____ OF ____