SAMPLE STATION DATA

BRITISH GEOLOGICAL SURVEY — MARINE GEOLOGY UNIT

SAMPLE NO. F | +59 | -02 | 338 (± lat : ± long : no.)

CRUISE NO. (year : ship : no)	DATE (mnth : day)	TIME (local) (hrs : mins)	WATER DEPTH (metres)	POSITION FIXING METHOD	COMMENT
85 BM 09	10 07	00 55	120	L	

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN	RED	GREEN	PURPLE
6C	A 00.63	J 30.21	F 61.75

POSITION

LATITUDE: +59 15.60 (± degs : mins (decimal))

LONGITUDE: -01 09.23 (± degs : mins (decimal))

ADDITIONAL INFORMATION :

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

G dup cols 2-11

GS	VE	CS	CR	DM	DR	BH	SD	RD	SU	PS	DI	BS	OC	OG
		1	1											

T.D. metres: 0.20

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

H dup cols 2-11: GREYISH BROWN MUDDY FINE SAND WITH SHELL HASH AT BASE

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER: Head | Readings

HAND VANE: Head | Readings

AVERAGED DATA

I dup cols 2-11

DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -02 | 338

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

CORE SAMPLE	Equipment Used: CR CS	Stored in: Cut Cores, Uncut Cores, 2 Jars 1, Bags.
		Core Photo: Yes/No

Depth (m)	Log	Description	Sub Samples	Geotechnical Log
		0.20 **CR** Greyish brown 2.5Y 5/2 muddy fine sand with about 20% shell debris of same size or up to med. sand grade. **CS**. Similar, but base a layer of large tough bivalve shells inc. "*Cardium*". Some shells obviously old, because bored. Probably a lot of sample lost during recovery.		
1				
2				
3				
4				
5				
6				○ shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER K 59 Ø2 338

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	H2S Odour	Heavy Minerals	Mica	Glauconite	Fauna/Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
Ø.ØØ	Ø.2Ø	S		G2.5Y5/2	W	S	FM	AU	H	2Ø			1ØØ	6Ø										P	P	P					

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)

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	1,2 etc = label if more than one comment.
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	
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		Y=very stiff			C=colour banded				I=informal	
		K=very coarse	W=well rounded		H=hard			G=graded bedding					

SHEET 1 OF 1