SAMPLE STATION DATA

BRITISH GEOLOGICAL SURVEY — MARINE GEOLOGY UNIT

SAMPLE NO. F (1) +59 (± lat) −02 (± long) 0326 (no.) 11

CRUISE NO. 85 BM 009 (year : ship : no 18)

DATE 10 03 (mnth : day 22)

TIME (local) 17 10 (hrs : mins 26)

WATER DEPTH 85 (metres 30)

POSITION FIXING METHOD 4

COMMENT (32)

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED A 16.97 (41)

GREEN B 44.76 (48)

PURPLE C 50.70 (55)

POSITION

LATITUDE ± degs : mins (decimal) 63: +59 59.01

LONGITUDE ± degs : mins (decimal) 71: −01 56.25

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)

T.D. metres: 030 (50–55)

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

H (1) dup cols 2–11

SHELL SAND ON GRAVELLY COARSE SAN

D ABOVE REDDISH-BROWN ?TILL

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER: Head | Readings

HAND VANE: Head | Readings

AVERAGED DATA

DEPTH | PENETROMETER (KPa) | HAND VANE (KPa)

I (1) dup cols 2–11

I (1) dup cols 2–11

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -02 | 326

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

Light brownish grey shell sand - coarse -

80% shell material - mostly fragmented.

Forams present.

Lithics - mostly clear quartz sand grains

sub-sample GEOCHEM.

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

Core Photo: Yes/No

Depth (m)	Log	Description	Sub Samples	Geotechnical Log
		shell sand grading into very coarse gravelly sand, muddier towards base.		
30		reddish-brown (sandy) gravelly mud → TILL		

1 2 3 4 5 6

o shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST: DMR

SAMPLE NUMBER: K +59-02 0326

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	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	0.05	S		2.5Y6/2	V	M	F	R	L	80																	P				C
0.05	0.22	(G.)S		2.5Y5/2																											C
0.22	0.30	(G) M		2.5Y4/5/4N																											C

ABUNDANCE SCALE

L dup columns 2-11

DEPTH INTERVAL (m) upper	lower	label	ADDITIONAL COMMENTS (FREE TEXT)
0.05	0.22		UNCUT CORE. SAND BECOMES MUDDIER DOWNWARDS.
0.22	0.30		UNCUT CORE. INSPECTION OF BASE.

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		V=very stiff			C=colour banded				I=informal	
		K=very coarse	W=well rounded		H=hard			G=graded bedding					SHEET ____ OF ____