SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | -02 (± long) | 74 (no.) 11

CRUISE NO. 82 (year) | WH (ship) | 5 (no) 18

DATE 06 (mnth) | 06 (day) 22

TIME (local) 17 (hrs) | 45 (mins) 26

WATER DEPTH 110 (metres) 30

POSITION FIXING METHOD [A]

COMMENT [ ] 32

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED [ ] [ ] 41

GREEN [ ] B 38.25 48

PURPLE [ ] C 65.25 55

POSITION

LATITUDE +59 | 00.05 (± degs : mins (decimal)) 63

LONGITUDE -01 | 45.10 (± 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

11 (12–22)

T.D. metres 030 (50–55)

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

H (1) dup cols 2-11

SLIGHTLY GRAVELLY CARBONATE SAND (12–80)

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

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

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[59N002W/74/BGS3_A/1]

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES – MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -02 | 74

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

SLIGHTLY GRAVELLY CARBONATE SAND, pale greenish-grey (5Y5·5/2), c 50% finely-comminuted shell, foraminifera rare, common spicules, few small sea urchins in sand, fine to coarse, poorly-sorted, a-r, trace granules, clean, with c 2% shell gravel including live Macoma calcarea + shells Chlamys.

[(G)S]

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

Core Photo: Yes/No

Depth (m)	Log	Description	Sub Samples	Geotechnical Log
0		2 Jars representing c 30 cm recovery		
		SLIGHTLY GRAVELLY CARBONATE SAND, pale greenish-brown (5Y6·5/3) – c 80% comminuted shell sand, gravel, 20% sand, poorly-sorted, a-r; spicules common, foraminifera rare; clean [disturbed sample only recovered] – no whole shell valves noted		
1				
2				
3				
4				
5				
6				

○ shear strength Δ compressive strength

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SAMPLE STATION GEOLOGY

GEOLOGIST DC

SAMPLE NUMBER K +59 -02 74

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
ϕϕϕ	ϕ:3ϕ	(G)S		5Y 6·5/3	P	S	FC	SU		8ϕ			1ϕϕ													R					
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 ____ OF ____

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