SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES – MARINE GEOLOGY UNIT

SAMPLE NO. F (1) +59 (± lat) -01 (± long) 264 (no.) 11

CRUISE NO. 83 WH 02 (year : ship : no 18)

DATE 05 08 (mnth : day 22)

TIME (local) 02 00 (hrs : mins 26)

WATER DEPTH 120 metres 30

POSITION FIXING METHOD [A]

COMMENT [ ] 32

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED [ ] [ ] 41

GREEN [Y] D 36.24 48

PURPLE [Y] E 55.71 55

POSITION

LATITUDE +59 47.46 (± degs : mins (decimal) 63)

LONGITUDE -00 52.06 (± degs : mins (decimal) 71)

ADDITIONAL INFORMATION : NO RECOVERY IN GS OR CS AT SITE AS3. DRIFTED TO ABOVE POSITION FOR 2nd ATTEMPT.

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	4													

(12 … 22 … 32)

T.D. metres 001 (50 … 55)

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

H (1) dup cols 2–11

FINE TO COARSE MODERATE TO POORLY SORTED SHELLY SAND

(12 … 20 … 30 … 40 … 50 … 60 … 70 … 80)

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		
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 | 264

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

S Fine-coarse, moderate to poorly sorted, shelly sand.
Quartz + lithics form major component. Subangular to subrounded grains, high sphericity.
Carbonate c. 30%. Shell frags, forams, spicules
Olive 5Y 4/3

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

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
		2 attempts, no recovery			

1
2
3
4
5
6

shear strength ○ compressive strength △

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SAMPLE STATION GEOLOGY

GEOLOGIST: MS

SAMPLE NUMBER: K 59-01 264

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
000	091	S		5Y 4/3		P S	F	C	S	M	H		30								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	
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		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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