SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | -01 (± long) | 190 (no.) 11

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

DATE 04 | 23 (mnth : day) 22

TIME (local) 06 | 10 (hrs : mins) 26

WATER DEPTH 190 (metres) 30

POSITION FIXING METHOD L

COMMENT 32

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED 41

GREEN D 38.05 48

PURPLE F 60.64 55

POSITION

LATITUDE +59 | 43.8 (± degs : mins (decimal)) 63

LONGITUDE -00 | 14.8 (± 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
1	1													

(12 ... 22 ... 32)

T.D. metres 010 (50 ... 55)

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

H (1) dup cols 2-11

MEDIUM TO V. FINE SILTY OLIVE SAND

WITH SMALL PEBBLES AND SHELL FRAGS.

(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	(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 -01 190

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

GS Moderately sorted, v. coarse to v. fine, mostly medium to v. fine, silty, pebbly, shelly, olive 5Y 4/4 sand.

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

Depth (m)	Log	Description	Core Photo: ~~Yes~~/No	Sub Samples	Geotechnical Log
		GS Description as for GS sample.			

1
2
3
4
5
6

o shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER K +59-01 190

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
0.00	0.10	gS		5Y 4/4	M	M	KS	AR	H	5			80	36	AR											C					

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 ____	