SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | -01 (± long) | 193 (no. 11)

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

DATE 04 (mnth) | 23 (day 22)

TIME (local) 10 (hrs) | 40 (mins 26)

WATER DEPTH 149 (metres 30)

POSITION FIXING METHOD 2

COMMENT (32)

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED A 1.9 (41)

GREEN E 35.31 (48)

PURPLE F 51.36 (55)

POSITION

LATITUDE +59 (± degs) 53.07 (: mins (decimal) 63)

LONGITUDE -00 (± degs) 09.97 (: 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 250 (50 … 55)

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

H (1) dup cols 2-11

V. FINE SAND, OLIVE, OVER PINK CLAY (12 … 20 … 30 … 40)

AND SAND UNIT OVER VARIABLY GRV. SAND (50 … 60 … 70 … 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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SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -01 | 193

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

S v. sl. silty very fine sand, olive.

CORE SAMPLE	Equipment Used: VE	Stored in: 3 Cut Cores, Uncut Cores, 1 Jars, Bags.

Depth (m)	Log	Description	Core Photo: Yes/~~No~~	Sub Samples	Geotechnical Log
		Surface sand + shells			
0.25		Patchy v soft blend with sand ? pods/ ?laminae.			
0.55		Variably gravelly and pebbly hard sand.			
1					
2					
3					
4					
5					
6					

○ shear strength Δ compressive strength

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SAMPLE STATION GEOLOGY

GEOLOGIST: DE

SAMPLE NUMBER: K 159-01.193

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	Roundness Range	Sphericity	% Shell Material	MUD Hardness	MUD Plasticity	GRAVEL % Shell Material	Max. Clast Size (mm)	Roundness Range	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	0.10	S		5Y5/5	W	W	V3			5																A					C
0.10	0.55	S+M				M					V																				C
0.55	2.50	GS																													C
12	21			30												40	48	52													80

ABUNDANCE SCALE

L dup columns 2-11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	label	ADDITIONAL COMMENTS (FREE TEXT)
0.00	0.10		SHIPEK, LARGE SHELL FRAGS, AT BASE CORE
0.10	0.55	1	DISTORBED DURING RECOVERY - V. SOFT, PINKY CLAY WITH GREYISH
0.10	0.55	2	BROWN SAND ?LAMINAE/?PODS
0.55	2.50	1	VARIABLE SANDY UNIT WITH SCATTERED GRAVEL, PEBBLES AND ONE
0.55	2.50	2	LOCAL COBBLE SOME BEDDING DEFINED BY COARSE SAND BEDS
0.55	2.50	3	INCLUDES COMMON SHELL FRAGS, V. COMPACT SAND
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 P=poorly sorted M=moderately sorted W=well sorted X=very well sorted	N=no reaction W=weak M=moderate S=strong	S=silt V=very fine F=fine M=medium C=coarse K=very coarse	V=very angular A=angular S=subangular U=subrounded R=rounded W=well rounded	L=low H=high	V=very soft S=soft F=firm T=stiff Y=very stiff H=hard	N=non-plastic L=low plasticity I=intermediate H=highly plastic	G=gradational S=sharp E=erosive U=unconformity	F=flat lamination R=ripple lamination X=cross-bedded D=disturbed C=colour banded G=graded bedding	J=prominent joints D=prominent discontinuities F=fissuring	W=weak M=moderate S=strong A=induced by acid	R=rare C=common A=abundant	G=group F=formation M=member B=bed I=informal	C=additional comments below 1,2 etc=label if more than one comment. SHEET ____ OF ____

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