620

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F (1) | +59 (± lat) | -01 (± long) | 71 (no.) (11)

CRUISE NO. 82WH05 (year : ship : no 18)

DATE 0604 (mnth : day 22)

TIME (local) 0419 (hrs : mins 26)

WATER DEPTH 144 metres 30

POSITION FIXING METHOD A

COMMENT 32

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED ☐ 41

GREEN ☑ A 46.18 48

PURPLE ☑ H 54.92 55

POSITION

LATITUDE +59 : 00.95 (± degs : mins (decimal) 63)

LONGITUDE -00 : 19.95 (± 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 (12) (22) (32)

T.D. metres 0041 (50) (55)

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

H (1) dup cols 2-11

OLIVE MUD/OLIVE SAND/DARK BROWN (12) (20) (30) (40)

SILTY CLAY (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 | 71

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

Olive mud 5Y/4/4.

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

Depth (m)	Log	Description	Core Photo: Yes/~~No~~	Sub Samples	Geotechnical Log
		Very fine olive sand 5Y/4/4			
		Dark grey brown silty clay 10YR/4/2 with large bivalve shells at base.			

1
2
3
4
5
6

○ shear strength Δ compressive strength

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SAMPLE STATION GEOLOGY

GEOLOGIST

SAMPLE NUMBER K +59 -01 71

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
00	05	M		SY/4/4							S	L														C					
05	29	S		SY/4/4			V	S		5																					
41	41	M		10YR/4/2																					A						

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 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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