SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

F (1) SAMPLE NO. 59 (± lat) -02 (± long) 100 (no.) (11)

CRUISE NO.	DATE	TIME (local)	WATER DEPTH	POSITION FIXING METHOD	COMMENT
82 WH 5 (year : ship : no) (18)	06 11 (mnth : day) (22)	19 58 (hrs : mins) (26)	111 (metres) (30)	A	(32)

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN	RED ☐	GREEN ☑	PURPLE ☑
6C	A 10.50 (41)	B 47.50 (48)	C 66.00 (55)

POSITION

LATITUDE	LONGITUDE
+59 52.70 (± degs : mins (decimal)) (63)	-01 42.00 (± 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 (12–32): GS VE CS CR DM DR BH SD RD SU PS DI BS OC OG — 1 1

T.D. metres (50–55): 0.10

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

H (1) dup cols 2-11 (12–80): GRAVELLY SHELL SAND

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 | -Ø2 | 1ØØ

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

GS Poorly sorted shell sand with a gravel grade shell component primarily of broken bivalves + gastropods with some whole bivalves also. Sand fraction is again predominantly shell fragments + bryozoa with forams + echinoid spines. Some of shell is brown stained some pink/purple rest normal cream colour. Rest of sand is quartz grains subangular to subrounded with minor mica + some magnetite.

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
		Small sample in sediment cover — as above.			
1					
2					
3					
4					
5					
6					

○ shear strength Δ compressive strength

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SAMPLE STATION GEOLOGY

GEOLOGIST: ACS

SAMPLE NUMBER: K 59-02 100

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
0.00	0.10	GS		2.5Y6/6	P		MK	SU	L	70			100	50	SU	L					R	R			C	C					C

ABUNDANCE SCALE

L dup columns 2-11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	label	ADDITIONAL COMMENTS (FREE TEXT)
0.00	0.10		SAME MATERIAL IN SHIPEK AND SEDIMENT CORE

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 1 OF 1

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