SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. F | +59 | -01 | 107
1 ± lat ± long no. 11

CRUISE NO. 82 | WH | 5 (year : ship : no 18)

DATE 06 | 21 (mnth : day 22)

TIME (local) 03 | 35 (hrs : mins 26)

WATER DEPTH 133 (metres 30)

POSITION FIXING METHOD A

COMMENT 32

NAVIGATIONAL READINGS (tick lanes with best intersection)

CHAIN 6C

RED ☐ A | .00.00 41

GREEN ☒ | 47.70 48

PURPLE ☑ E | 74.80 55

POSITION

LATITUDE +59 | 29.83 (± degs : mins (decimal) 63)

LONGITUDE -00 | 59.00 (± 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 | GS | VE | CS | CR | DM | DR | BH | SD | RD | SU | PS | DI | BS | OC | OG | (12 22 32)

T.D. metres 010 (50 55)

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

H (1) dup cols 2-11 | VERY WELL SORTED OLIVE SAND WITH (12 20 30 40)

OCC GRAVEL GRADE SHELLS (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)

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO. +59 | -01 | 107

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

S. Sand. well sorted fine to med sand 2.5Y4/4 Olive

Forams common, few echinoid spines.

Carbonate 15%.

Lithics, mainly sl. stained quartz + mafic minerals.

Mod to strong reaction to DilHCl.

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

Depth (m)	Log	Description	Core Photo: ~~Yes~~/No	Sub Samples	Geotechnical Log
0–1		(g)S. Sand, slightly darker than GS 2.5Y4/3 olive. with gravel grade shell frags and whole valves up to 25mm across. Sand fraction very well sorted, similar to GS sample.			
2					
3					
4					
5					
6					

o shear strength Δ compressive strength

SAMPLE STATION GEOLOGY

GEOLOGIST: N.A.R

SAMPLE NUMBER: K 59-01 107

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	0.02	S		2.5Y 4/4	W	M	VM	SU	L	15							G									C					
0.02	0.10	(G)S		2.5Y 4/3	P	N	VK	SU	L	20			100	25												C					C

Column numbers: 12, 21, 30, 40, 48, 52, 61, 80

ABUNDANCE SCALE

L dup columns 2-11

DEPTH INTERVAL (m) upper	DEPTH INTERVAL (m) lower	label	ADDITIONAL COMMENTS (FREE TEXT)
0.02	0.10	1	SAND FRACTION VERY WELL SORTED

Column numbers: 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 ____