

A20

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

F 1 \pm lat 2 \pm long 3 no. 11
 + 59 - 01 0.75

CRUISE NO.

82W.H 0.5
 year : ship : no 18

DATE

06 04
 mnth : day 22

TIME (local)

09 40
 hrs : mins 26

WATER DEPTH

146
 metres 30

POSITION
 FIXING METHOD

A COMMENT 32

NAVIGATIONAL READINGS
 (tick lanes with best intersection)

CHAIN

60

RED

GREEN

PURPLE

LATITUDE

+ 59 15.20
 \pm degs : mins (decimal) 63

LONGITUDE

- 01 00.75
 \pm degs : mins (decimal) 71

ADDITIONAL INFORMATION :

EQUIPMENT TYPE: 1 = sample recovered 3 = no sample (equipment failure)
 2 = no sample (geological reasons) 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 22 32

T.D. metres

42.5
 50 55

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

H 1 dup cols 2-11

VERY SOFT, SLIGHTLY SILTY OLIVE-GREEN
 MUD WITH FEW ONLY SANDY POPS

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER

HAND VANE

Head	Readings				Head	Readings	
100/8	0.2	0.2	0.3	0.3	x2	0.9	0.5
"	0.4	0.4	0.4	0.4	"	1.8	2.0
"	0.3	0.3	0.2	0.3	"	1.5	1.7
"	0.5	0.5	0.4	0.5	"	2.1	2.0
"	0.5	0.5	0.5	0.6	"	2.5	2.5
"	0.6	0.7	0.6	0.6	"	2.5	2.8
"	0.6	0.6	0.5	0.5	"	2.3	2.5
"	0.7	1.0	0.9	0.8	"	3.5	3.0
"	0.7	0.7	0.8	0.8	"	3.0	3.1

AVERAGED DATA

DEPTH

PENETROMETER (KPa)

HAND VANE (KPa)

I 1 dup cols 2-11	0.3	3.1	1.4
"	0.8	5.0	3.8
"	1.3	3.4	3.2
"	1.8	5.9	4.1
"	2.3	6.6	5.0
"	2.8	7.8	5.3
I 1 dup cols 2-11	3.2	6.9	4.8
"	3.5	10.6	6.5
"	4.0	9.4	6.1
"	:	:	:
"	:	:	:
"	:	:	:

SAMPLE DESCRIPTION SHEET

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SAMPLE NO.

+59 -φ1 φ75

SURFACE SAMPLE Equipment Used: GS Seabed Photo: Yes/No Stored in: 2 Jars, - Bags.

SILTY MUD, very soft, olive-green (5Y4/2.5) - silt fraction very well-sorted, mainly subangular, c 1% vt sand; c 2% lithic grains, few flakes mica, trace only foraminifera, trace very finely-comminuted shell sand, few well-rounded mud? faecal pellets.

CORE SAMPLE Equipment Used: VE Stored in: 5 Cut Cores, - Uncut Cores, 1 Jars, - Bags.

Depth	Log	Description	Core Photo: Yes/No?	Sub Samples	Geotechnical Log
(m)		0-4.25 M <u>SILTY MUD</u> , very soft, highly plastic, olive-grey (5Y4.5/1); silt fraction v. well-sorted, c 1% vt sand, mica; no foraminifera noted; slightly calcareous, locally moderately calcareous; few only pods, lenses muddy very fine sand throughout (< 1%); few only black sulphide specks throughout otherwise apparently structureless; becomes slightly greener in top c 30cm. One valve <i>Acanthocardia echinata</i> at 4.0 cm.			
1					
2					
3					
4					
4.25					
5					
6					

T.D. 4.25 M

○ shear strength Δ compressive strength

