

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

F 1 ± lat ± long no. 11
 59 + 00 186

CRUISE NO.

834H 02
 year : ship : no 18

DATE

0524
 mnth : day 22

TIME (local)

0740
 hrs : mins 26

WATER DEPTH

137
 metres 30

POSITION
 FIXING METHOD

L COMMENT 32

NAVIGATIONAL READINGS
 (tick lanes with best intersection)

CHAIN

0E

RED

GREEN

D 43.16

PURPLE

E 61.54

LATITUDE

+59 45.90
 ± degs : mins (decimal) 63

LONGITUDE

+00 30.22
 ± degs : mins (decimal) 71

POSITION

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
 12 22 32

T.D. metres

4.20
 50 55

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

H
 1 dup cols 2-11

OLIVE GREY SAND ON VERY SOFT SILT
 12 20 30 40
Y. V. FINE SANDY MUD
 50 60 70 80

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER

Head	Readings			Head	Readings		
				x2	3.5	3.5	3.0
				x2	3.6	3.6	3.8
				x2	4.0	3.7	3.5
				x2	2.5	2.5	2.6
				x2	3.1	3.4	3.3
				x2	4.2	4.4	4.8
x ¹⁰⁰ / ₈	1.5	2.2	2.2	x2	7.4	7.0	

AVERAGED DATA

DEPTH

PENETROMETER (KPa)

HAND VANE (KPa)

I
 1 dup cols 2-11

0.75	14	<input type="checkbox"/>	18	<input type="checkbox"/>	22
1.25	25	<input type="checkbox"/>	29	<input type="checkbox"/>	33
1.75	36	<input type="checkbox"/>	40	<input type="checkbox"/>	44
2.25	47	<input type="checkbox"/>	51	<input type="checkbox"/>	55
2.75	58	<input type="checkbox"/>	62	<input type="checkbox"/>	66
3.25	69	<input type="checkbox"/>	73	<input type="checkbox"/>	77
3.75	14	<input type="checkbox"/>	18	14.4	22
<input type="checkbox"/>	25	<input type="checkbox"/>	29	<input type="checkbox"/>	33
<input type="checkbox"/>	36	<input type="checkbox"/>	40	<input type="checkbox"/>	44
<input type="checkbox"/>	47	<input type="checkbox"/>	51	<input type="checkbox"/>	55
<input type="checkbox"/>	58	<input type="checkbox"/>	62	<input type="checkbox"/>	66
<input type="checkbox"/>	69	<input type="checkbox"/>	73	<input type="checkbox"/>	77

Sandy
I
 1 dup cols 2-11

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

59	+00	186
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SURFACE SAMPLE	Equipment Used: GS	Seabed Photo: Yes /No	Stored in: 1 Jar, Bags.
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Muddy sand, very fine grained, subangular to subrounded grains, slight gravel content including tube worms, bryozoan fragments and angular echinoid fragments. Predom. quartz with ca 5% rock fragments, heavy minerals and ?glauconite, forams common, mostly planispiral. Very sticky texture in grab.

CORE SAMPLE	Equipment Used: VE	Stored in: 5 Cut Cores, Uncut Cores, 1 Jar, Bags.
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Depth	Log	Description	Core Photo: Yes/ No	Sub Samples	Geotechnical Log
(m) 0.27		Muddy sand ofa with <u>Nysa</u> sp + <u>Cardium</u> sp at base			
1		Sandy mud, disturbed bedding becoming sandier towards base. Some well-compacted sandy bands			
2					
3					
4					
4.20		TD			
5					
6					

○ shear strength △ compressive strength

