

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

F **1** **± lat** **± long** **no.** **11**
 +59 +00 260

CRUISE NO.

8.3 **W.H** **0.2**
 year : ship : no 18

DATE

0.6 **0.4**
 mnth : day 22

TIME (local)

0.7 **3.5**
 hrs : mins 26

WATER DEPTH

1.35
 metres 30

POSITION FIXING METHOD

4 COMMENT 32

NAVIGATIONAL READINGS
 (tick lanes with best intersection)

CHAIN **0E**

RED

GREEN

PURPLE **G** **6.6** **4.2**

LATITUDE ⁴¹

LONGITUDE ⁴⁸ ⁵⁵

POSITION

+59 **4.2** **9.2**
 ± degs : mins (decimal) 63

+00 **2.9** **70**
 ± 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** T.D. metres **4.90**

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

H **1** dup cols 2-11 **OLIVE SAND ON V. SOFT SANDY MUD ON**
COLOR-BANDED CLAY ON FINE SAND.

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER					HAND VANE			
Head	Readings				Head	Readings		
					x2	3.3	3.2	
					x2	3.5	3.5	
					x2	4.6	4.7	
					x2	4.1	3.2	
					x2	3.4	4.3	
					x2	4.3	3.7	
					x2	4.0	3.9	
					x2	5.3	5.4	
					x2	5.7	5.8	
					x2	6.6		

AVERAGED DATA

DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
I dup cols 2-11 bit sandy 0.85 ¹⁴	6.5 ¹⁸	6.5 ²²
1.25 ²⁵	7.0 ²⁹	7.0 ³³
1.75 ³⁶	9.3 ⁴⁰	9.3 ⁴⁴
2.25 ⁴⁷	7.3 ⁵¹	7.3 ⁵⁵
2.75 ⁵⁸	7.7 ⁶²	7.7 ⁶⁶
3.25 ⁶⁹	8.0 ⁷³	8.0 ⁷⁷
I dup cols 2-11 3.50 ¹⁴	7.9 ¹⁸	7.9 ²²
3.85 ²⁵	10.7 ²⁹	10.7 ³³
4.15 ³⁶	11.5 ⁴⁰	11.5 ⁴⁴
4.40 ⁴⁷	13.2 ⁵¹	13.2 ⁵⁵
: ⁵⁸	: ⁶²	: ⁶⁶
: ⁶⁹	: ⁷³	: ⁷⁷

SAMPLE DESCRIPTION SHEET

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SAMPLE NO.

59	100	260
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SURFACE SAMPLE	Equipment Used: GS	Seabed Photo: Yes /No	Stored in: 1 Jar, Bags.
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Muddy sand, dominantly very fine grained, some fine-medium grade material, ~~poorly~~ moderately sorted, mainly quartz some dark minerals? lignitic frags. Abundant forams, grains moderately well rounded, subangular. Gelatinous in grab

CORE SAMPLE	Equipment Used: VE	Stored in: 5 Cut Cores, Un-cut Cores, 1 Jar, Bags.
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Depth (m)	Log	Description	Core Photo: Yes/ No	Sub Samples	Geotechnical Log
0.60	[Symbol]	Muddy sand of. with Coralin shells at base			<div style="border: 1px solid black; width: 100%; height: 100%; background-image: linear-gradient(to right, black 1px, transparent 1px), linear-gradient(to bottom, black 1px, transparent 1px); background-size: 20px 20px;"> <div style="position: absolute; bottom: 5px; right: 5px; font-size: 8px;"> ○ shear strength △ compressive strength </div> </div>
1	[Symbol]	Interbedded sandy mud and well-sorted v.f. sand. but mainly sandy mud, very soft, non-plastic			
2	[Symbol]				
3	[Symbol]				
3.17 3.32	[Symbol]	Transitional unit			
4	[Symbol]	Clay, sandy/silty laminae and lenses at top, with brown/grey colour banding but becoming more monotonous grey downwards			
5	[Symbol]	Well-sorted fine sand.			
4.40	[Symbol]	TD incl. slice			
6	[Symbol]				

