

# SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

**F** +5.9 +01 160  
 1 ± lat ± long no. 11

CRUISE NO.

**83** **W4** **02**  
 year : ship : no 18

DATE

**05** **19**  
 mnth : day 22

TIME (local)

**18** **03**  
 hrs : mins 26

WATER DEPTH

**120**  
 metres 30

POSITION  
 FIXING METHOD

**L** COMMENT  32

NAVIGATIONAL READINGS  
 (tick lanes with best intersection)

CHAIN

**0E**

RED

GREEN

**G** **47.73**

PURPLE

**H** **52.13**

LATITUDE

**+5.9** **36.09**  
 ± degs : mins (decimal) 63

LONGITUDE

**+0115.291**  
 ± 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** dup cols 2-11 

GS	VE	CS	CR	DM	DR	BH	SD	RD	SU	PS	DI	BS	OC	OG					
1	1																		

 T.D. metres **3.7**

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

**H** dup cols 2-11 **OLIVE SAND ON MUD WITH FINE SANDY LAMINAE ON COARSE SHELLY SAND**

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER

Head	Readings				Head	Readings		
100/8	3.5	3.5			x10	3.5	3.0	
100/8	3.25	3.5	3.5		x10	3.2	3.2	
100/8	3.25	3.5	3.25		x10	3.2	3.2	
100/8	3.7	3.25	3.75		x10	4.0	4.0	
100/8	3.6	3.4	3.4		x10	4.0	4.0	
100/8	4.5	4.2	4.2		x10	4.5	4.75	4.0
100/8	4.0	4.0	4.0		x10	4.2	4.2	
100/8	3.8	3.8	3.8		x10	4.0	4.4	4.0
100/8	3.6	3.6	4.0		x10	4.0	4.2	
100/8	4.0	4.0	4.5	4.5	x10	4.8	5.0	

AVERAGED DATA

DEPTH

PENETROMETER (KPa)

HAND VANE (KPa)

<b>I</b> dup cols 2-11	<b>0.40</b>	14		18		22
	<b>0.70</b>	25		29		33
	<b>1.00</b>	36		40		44
	<b>1.25</b>	47		51		55
	<b>1.50</b>	58		62		66
	<b>1.75</b>	69		73		77
<b>I</b> dup cols 2-11	<b>2.00</b>	14		18		22
	<b>2.25</b>	25		29		33
	<b>2.50</b>	36		40		44
	<b>2.75</b>	47		51		55
		58		62		66
		69		73		77

# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	+01	16φ
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SURFACE SAMPLE	Equipment Used: GS	Seabed Photo: <del>Yes</del> /No	Stored in: 1 Jars, Bags.
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Sand, olive, slightly muddy, very fine to fine grained, subangular to subrounded with some coarser material generally better rounded. Predominantly quartz with some rock fragments and heavy minerals. Shell material and forams are rare. Sample has muddy texture but in washing shows little mud. Moderate to poor sorting, moderate effervescence with HCl.

CORE SAMPLE	Equipment Used: VE	Stored in: 4 Cut Cores, Uncut Cores, Jars, Bags.	
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Depth	Log	Description	Core Photo: Yes/ <del>No</del>	Sub Samples	Geotechnical Log
(m)					
0-26		Olive sand abk with <u>Cardium</u> whole shell			
		Mud with subordinate sandy mud, very silty soft, low plasticity - intermediate plasticity			
0-80					
1		Mud, grey with disseminated and banded metal sulphides producing black/grey sediment strong H <sub>2</sub> S odour on HCl reaction.			
2		firm sediment, high plasticity			
2-80					
3		Mud, grey similar to above with thin laminae of coarser up sand (silt - v-fine)			
3-26		Coarse sand, fining downwards			
3-70		TD			
4					
5					
6					

○ shear strength    Δ compressive strength

