

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

F \pm lat \pm long no. **11**
 1 \pm lat \pm long no. 11
 F 1 59 - 02 . 69

CRUISE NO.

82 **W.H** **05**
 year : ship : no 18

DATE

04 **23**
 mnth : day 22

TIME (local)

18 **10**
 hrs : mins 26

WATER DEPTH

100
 metres 30

POSITION FIXING METHOD **A** COMMENT

32

NAVIGATIONAL READINGS (tick lanes with best intersection)

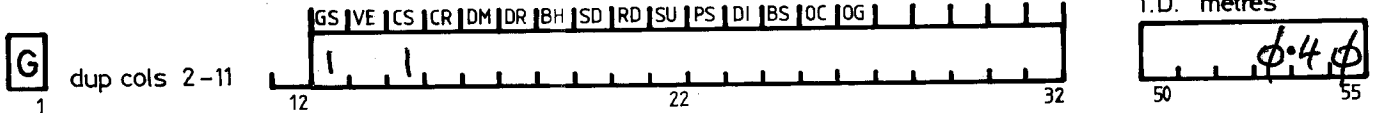
CHAIN **6C** RED GREEN PURPLE
A **04** : **02** **F** **45** : **70** **F** **52** : **80**
 41 48 55

POSITION

LATITUDE **+59** **01** : **08** **0** LONGITUDE **-01** **45** : **50**
 \pm degs : mins (decimal) 63 \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)



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

H dup cols 2-11 **S.LIGHTLY GRAVELLY SHELL SAND**
 1 12 20 30 40 50 60 70 80 80

GEOTECHNICAL DATA :

RAW DATA

PENETROMETER					HAND VANE			
Head	Readings				Head	Readings		

AVERAGED DATA

DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)
14		
18		
22		
25		
29		
33		
36		
40		
44		
47		
51		
55		
58		
62		
66		
69		
73		
77		
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.

459	-02	69
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SURFACE SAMPLE

Equipment Used: *GS*

Seabed Photo: Yes/No

Stored in: Jars, Bags.

9 v. sl. gravelly shell sand (light yellowish brown). mod. clean

CORE SAMPLE

Equipment Used: *CS*

Stored in: Cut Cores, (Uncut Cores, Jars, Bags.

Depth	Log	Description	Core Photo: Yes /No	Sub Samples	Geotechnical Log
(m)		<p style="text-align: center; font-size: 1.2em;"><i>ts grab - variable gravel content and sl. muddier at base.</i></p>			<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: 0.8em;"> ○ shear strength △ compressive strength </div> </div>
1					
2					
3					
4					
5					
6					

SAMPLE STATION GEOLOGY

GEOLOGIST

JE

SAMPLE NUMBER

K

+59-03-59

K dup columns 2-11

DEPTH INTERVAL (m)	SEDIMENT (Folk class) or main rock type		MUNSELL COLOUR	Sorting HCI Reaction	SAND			MUD		GRAVEL			ABUNDANCE SCALE																
	upper	lower			subordinate rock type	Grain Size Range	Roundness Range	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing	H ₂ S Odour	Heavy Minerals	Mica	Glaucanite	Fossil Fossils	Whole Shells	Forams	Plant Remains	Chronostrat	Lithostrat	Unit	Comments
12-21	φφφ	φHφ	S	W	M		9φ																						A
21-30																													
30-40																													
40-48																													
48-52																													
52-61																													

L dup columns 2-11

DEPTH INTERVAL (m)	ADDITIONAL COMMENTS (FREE TEXT)		
upper	lower		
12-21	φφφ	φHφ	1 SHIPER AND CS-MED. BUT, SOME COARSER SHELL FRAGS. - LITTLE VARIATION DOWN SAMPLE - SL MUDDLER AT BASE AND COARSE CONTENT VARIABLE
21-30	φφφ	φHφ	2
30-40	φφφ	φHφ	3
40-50			
50-60			
60-70			
70-80			

SORTING OF TOTAL SAMPLE	HCI REACTION	SAND GRAIN SIZE	ROUNDNESS	SPHERICITY	MUD HARDNESS	MUD PLASTICITY	BASAL CONTACT	BEDDING	JOINTING	H ₂ S ODOUR	ABUNDANCE SCALE	LITHOSTRAT UNIT	COMMENTS
V = very poorly sorted P = poorly sorted M = moderately sorted W = well sorted X = very well sorted	N = no reaction M = moderate S = strong	S = silt V = very fine F = fine M = medium C = coarse K = very coarse	V = very angular A = angular S = subangular U = subrounded R = rounded W = well rounded	L = low H = high	V = very soft S = soft F = firm T = stiff Y = very shff H = hard	L = low plasticity I = intermediate H = highly plastic N = non-plas tic	G = gradational S = sharp E = erosive U = unconformity	F = flat lamination R = ripple lamination X = cross-bedded D = disturbed C = colour banded G = graded beddir.g	J = prominent joints D = prominent discontinuities F = fissuring	W = weak M = moderate S = strong A = induced by acid	R = rare C = common A = abundant	G = group F = formation M = member B = bed I = informal	= additional comments below 1,2 etc = label if more than one comment. SHEET ____ OF ____