

SAMPLE STATION DATA

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

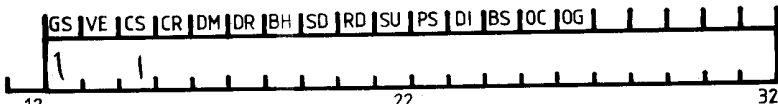
SAMPLE NO. **F** **+59-02.192**
 1 ± lat ± long no. 11

CRUISE NO. **82 W.H. 5** DATE **06 20** TIME (local) **04 50** WATER DEPTH **80** POSITION FIXING METHOD **A** COMMENT
 year : ship : no 18 mnth : day 22 hrs : mins 26 metres 30

NAVIGATIONAL READINGS (tick lanes with best intersection) CHAIN **6C** RED GREEN PURPLE
A **0.66** **9** **38.25** **E** **52.72**
 LATITUDE LONGITUDE
 POSITION **+59 11.15** **-01 50.14**
 ± degs : mins (decimal) 63 ± 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  T.D. metres **0.20**

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

H dup cols 2-11 **SANDY, GRAVEL, AND GRAVELLY SAND ON**
ER, SCHIST, (BEDROCK/COBBLE)

GEOTECHNICAL DATA :

RAW DATA				AVERAGED DATA			
PENETROMETER		HAND VANE		DEPTH	PENETROMETER (KPa)	HAND VANE (KPa)	
Head	Readings	Head	Readings				
				I dup cols 2-11 14		18	22
						29	33
						40	44
						51	55
						62	66
						73	77
				I dup cols 2-11 14		18	22
						29	33
						40	44
						51	55
						62	66
						73	77

SAMPLE DESCRIPTION SHEET

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+59 - 02 192

SURFACE SAMPLE

Equipment Used: *GS*

Seabed Photo: ~~Yes~~/No

Stored in: 1 Jars, Bags.

SG Very poorly sorted, slightly muddy v. fine - v. coarse sandy, shelly gravel.

Sand fraction: 95% shell frags, angular-subrounded, low sphericity. Whole shells rare. Temogeneous component consists quartz, subang - rounded, low sphericity, lithics, subangular-subrounded, low sphericity.

Gravel fraction: 50/50 shells/lithics. Former, angular low sphericity, whole shells rare. Lithics subangular to rounded, low sphericity. Some are faceted.

CORE SAMPLE

Equipment Used: *CS*

Stored in: Cut Cores, Uncut Cores, 2 Jars, Bags.

Depth

Log

Description

Core Photo: ~~Yes~~/No

Sub Samples

Geotechnical Log

(m)

A
B

Ⓐ *GS* Poorly sorted, fine to v coarse, gravelly shelly sand.

Olive 5/5/4

Sand fraction: 65% shell frags, ang-subrd, low sphericity. Temogeneous components include quartz subang-rounded, low-high sphericity + lithics. Subang-subrounded, low sphericity.

Gravel fraction: 80% lithics, subang-rounded low sphericity, max size 45mm. Shell frags rarely exceed gravel grade.

Ⓑ Abundant angular fragments of grey schist with kinks/crenulations, coated with traces of muddy red-brown sand. Schist frags are fresh.

Schist - ~~bedrock~~ bedrock? or broken large cobble?

○ shear strength △ compressive strength

Project: REGIONAL GEOLOGICAL MAPPING		Job Sample No.: 59-02 192	
Client: BGS/DEN		BGS Sample No.: 59-02 192	
Lat. 59deg 11.15'N Long. 01deg 50.14'W		Sample Type:CS	
Decca 6C A0.66 G38.25 E52.72		Water Depth(m):80	
UTM:		KP:	DCC:
Depth Metres	Legend	Lithological Description and tests	
0.50		<p>0.00to 0.10m. GRAV SAND Poorly sorted, fine-very coarse, shelly. Sand fraction:65% shell fragments, angular-subrounded, low sphericity. Terrigenous components include quartz and ?lithic subangular-subrounded, low- high sphericity. Gravel fraction:80% lithics, subangular-rounded, low sphericity, maximum size 45mm. Shell fragments rarely exceed granule grade. COLOUR: 5Y 5/4 Olive SHEAR STRENGTH: COMPRESSIVE STRENGTH: OTHER REMARKS:</p>	
1.00			
1.50		<p>0.10to 0.20m. SCHIST Abundant angular fragments with kinks/crenulations, coated with traces of muddy red-brown sand. Fragments are fresh. COLOUR: Grey SHEAR STRENGTH: COMPRESSIVE STRENGTH: OTHER REMARKS: ?Bedrock or broken large cobble.</p>	
2.00			
2.50		<p>End of hole at 0.20 metres.</p>	
Scale: 1:50		Logged By: BGS Marine Geology & Operations	
Core Tests:			
Reports:			
References:			
Core Status: Cut:N		Photo:N	Shoe Sample:N
Contractor: BGS		Job No.: 82/WH/05 Date: 20.06.82 0450	
Remarks:			
Last Update:25.05.95			