



# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59    -02    217

**SURFACE SAMPLE**    Equipment Used: GS    Seabed Photo: Yes/No    Stored in: | Jars,    Bags.

GS    Shelly sand with gravel grade shell fragments.    Colour 2.575/4  
 gravel fraction: - worn shell frags with rare whole valves. Max diam light olive brown  
 c. 25mm.  
 Sand fraction: - 95% carbonate 5% lithics.  
 Shell frags worn, v. rare whole shells. Occ. bryozoan frags, echinoid spines + foram tests.  
 Lithics: - v. rare rock frags of various lithologies, not quanty.

**CORE SAMPLE**    Equipment Used: CS    Stored in: | Cut Cores,    Uncut Cores,    Jars,    Bags.

Depth    Log    Description    Core Photo: Yes/No    Sub Samples    Geotechnical Log

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
		0.00-0.07m S.    TD 0.46m Similar to GS sand-fraction.			
1		0.07-0.46m. GS. Shelly sand with gravel grade shell frags. Coarse to st. grained shelly laminae throughout section, but fining toward base of core. Max gravel grade material 20mm. Av. 10mm Colour 575/2. Sand fraction, 95% shell material. Echinoid spines, bryozoans frags common. Forams rare to common. All shell material very worn.			
2					
3					
4					
5					
6					

○ shear strength    Δ compressive strength

# SAMPLE STATION GEOLOGY

GEOLOGIST  
N.A.R.

SAMPLE NUMBER

**K** 459-02-217

**K** dup columns 2-11

DEPTH INTERVAL (m)	SEDIMENT (Rock class) or subordinate rock type		MUNSELL COLOUR	Sorting and Reaction	SAND			MUD		GRAVEL			ABUNDANCE SCALE						Chronostrat	Lithostrat	Unit	Comments													
	upper	lower				Grain Size Range	Roundness Range	Sphericity	% Shell Material	Hardness	Plasticity	% Shell Material	Max. Clast Size (mm)	Roundness Range	Sphericity	Basal Contact	Bedding	Jointing					H <sub>2</sub> S Odour	Heavy Minerals	Mica	Clauconite	Faunal/Fossils	Whole Shells	Forams	Plant Remains					
12-13	0.00	0.07	S	2-5Y, 5/4	PS	F	CS	U	LS																										
13-14	0.07	0.46	GS	5Y, 5/2	PS	VK	S	U	LS																										
14-15																																			
15-16																																			
16-17																																			
17-18																																			
18-19																																			
19-20																																			
20-21																																			

**L** dup columns 2-11

DEPTH INTERVAL (m)	upper	lower	label	ADDITIONAL COMMENTS (FREE TEXT)
12-13	0.07	0.46	1	HORIZONS OF COMPACT MATERIAL, 0.10m THICK, BETWEEN 0.07m
13-14	0.07	0.46	2	SAND, 0.28m
14-15	0.07	0.46	3	SLIGHTLY FLINER TOWARDS BASE
15-16				
16-17				
17-18				
18-19				
19-20				
20-21				

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