



# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	+01	158
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SURFACE SAMPLE

Equipment Used: G

Seabed Photo: Yes/No

Stored in: Jars, Bags.

Sand, olive, moderately well sorted very fine to fine grained predominantly quartz with some rock fragments and heavy minerals including mica. Forams common, some echinoid spines.

CORE SAMPLE

Equipment Used: VE

Stored in: 5 Cut Cores, Uncut Cores, 1 Jars, Bags.

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
0-40	G	Olive sand as above water saturated with occasional shell fragments			<div style="text-align: right; font-size: small;">                     ○ shear strength    Δ compressive strength                 </div>
1		Silty mud, grey, very soft with occasional shell frags, highly plastic, weak reaction with HCl			
2	~	In places has a somewhat mottled appearance with subtle shades of brown and grey giving diffuse pattern.			
3					
3.78					
4		Silty mud as above but siltier and with black sulphides, giving strong H <sub>2</sub> S odour on acid test highly plastic with disturbed laminae (seen by metal sulphides colourable)			
4.42					
4.86		Sand, well sorted, very fine to fine grained, some coarser grains. Subrounded quartz and rock fragments with glauconite ? in form of faecal pellets.			
5					
6		Sand has similarities with thixotropic sand but is less moisture and slightly muddy			

