

SAMPLE DESCRIPTION SHEET

BRITISH GEOLOGICAL SURVEY — MARINE GEOLOGY UNIT

SAMPLE NO.

+61 - 01 60

SURFACE SAMPLE Equipment Used: GS Seabed Photo: Yes/No Stored in: 1 Jars, Bags.

GS. Very small sample similar to top CS
 S. 2-5Y 4/4 Olive brown. Mud. reaction to dil HCl.
 Poorly sorted v. fine to v. coarse. Contains, mainly shell frags 5% Lithic 15% Quartz 20%
 Sub angular to sub rounded.
 v. coarse sand sub angular to sub rounded rock fragments, metamorphic, igneous & st.

CORE SAMPLE Equipment Used: CS Stored in: 1 Cut Cores, Uncut Cores, 2 Jars, Bags.

Depth	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
(m)		0.00 - 0.06 m <u>m.s.</u> muddy Sand. Similar to GS sample except for silt/mud content. base disturbed. Sand intermingled with mud lenses.			
1		0.085 since 1.10 m			
2		0.06 m - 0.85 m M. Mud. Scattered shell frags of gravel grade in core, up to 5mm across. 0.38 m brown friable? diopside. Colour top 10YR 4/1 dark grey Colour base 5Y 3/1 very dark grey.			
3		Trace of colour banding throughout core. Nearest munsell colour 10YR 4/1 to 10YR 4/2 Weak reaction to dil HCl Firm, pliable, slightly stiff at base.			
4		Dark? sulphide streaks at base of core 0.66 - 1.10 m			
5					
6					

○ shear strength Δ compressive strength

