

SAMPLE DESCRIPTION SHEET

BRITISH GEOLOGICAL SURVEY — MARINE GEOLOGY UNIT

SAMPLE NO.

61 - 01 43

SURFACE SAMPLE

Equipment Used: *GS*

Seabed Photo: *Yes/No*

Stored in: Jars,

Bags.

S Moderate to poorly sorted, very fine to very coarse sand.
Carbonate content c. 5%: shell debris, some forams.

Ternigenous component predominantly quartz with common lithic and heavies. Occasional granule grade lithic ~~fragments~~ grains

Olive brown 2.5Y 4/4

Strong reaction HCl.

CORE SAMPLE

Equipment Used: *VE*

Stored in: Cut Cores,

Uncut Cores,

Jars,

Bags.

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
1		<p><i>* GS</i> Very poorly sorted, very fine to very coarse, slightly muddy, shelly gravelly sand. Scattered lithic clasts common, up to 35mm max. dim. May be a slight upwards-coarsening (overall). Possible mud rip-up inclusion.</p> <p><i>* Unit capped by 4cm thick sandy layer as for shpeck, although large clast also present. (80mm)</i></p> <p><i>DK. greyish brown 2.5Y 4/2.</i></p> <p><i>Strong reaction dil. HCl.</i></p> <p><i>Firm, densely packed sand.</i></p> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-top: 5px;">Sharp, erosive basal contact</div>			
2		<p><i>Very poorly sorted, sandy gravelly mud sand (diamict). Overconsolidated, v. stiff to hard.</i></p> <p><i>Clasts, up to 80mm max. dim., abundant matrix-to-clast supported, include quartz/quartzite, metabasic, schist.</i></p>			
3		<p><i>Matrix-sand fraction - very poorly sorted, very fine to very coarse. Predominantly ternigenous content - quartz, lithic, heavies.</i></p> <p><i>Shell fragments of gravel grade are scattered through the core; Mostly <10mm dim.</i></p> <p><i>Strong reaction to dil. HCl.</i></p> <p><i>Very dark grey 10YR 3/1.</i></p>			
4					
5					
6					

○ shear strength Δ compressive strength

