

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

59	-01	103
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SURFACE SAMPLE	Equipment Used: <i>GS</i>	Seabed Photo: <i>Yes/No</i>	Stored in: <i>1 Jars, - Bags.</i>
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MUDDY SAND, olive-green (5Y4/2.5), very fine to fine-grained, well-sorted with c 1% lithic granules limestone, sandstone, metamorphic rocks etc. to c 4mm diameter; sand a-x; with c 40% finely-communitated shell sand, gravel including echinoid spines, few small bivalves, rare foraminifera. Few tube worms

[(G) MS]

CORE SAMPLE	Equipment Used: <i>VE</i>	Stored in: <i>1 Cut Cores, - Uncut Cores, 1 Jars, - Bags.</i>
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Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
0-45	6.66 6.66 6.66	<p><i>0-0.18M SAND, olive-green (5Y4/4), muddy, fine-medium-grained, moderately-sorted, A-x; with c 40% finely-communitated shell sand including common echinoid spines, few only foraminifera, strongly calcareous, structureless on (gradational contact)</i></p> <p><i>0.18-0.42M GRAVELLY SAND - matrix a/fa with c 40% gravel (30% shell gravel) including fragments, whole valves <i>Cyprina islandica</i>, <i>Macoma balthica</i>, <i>Spisula</i>, <i>Mya truncata</i>, <i>Arcomphalus casinus</i>, gastropods; cobbles to 70mm diameter on (contact not evident)</i></p> <p><i>MUD, brown (5Y4/2.5), strongly calcareous, recovered only as liquefied deposit smeared round pebbles and shells at base of above unit in shoe sample.</i></p>			
1					
2					
3					
4					
5					
6		<i>T.D. 0.45M</i>			

○ shear strength Δ compressive strength

