



# SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59	-01	255
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**SURFACE SAMPLE**

Equipment Used: GS

Seabed Photo: Yes/No

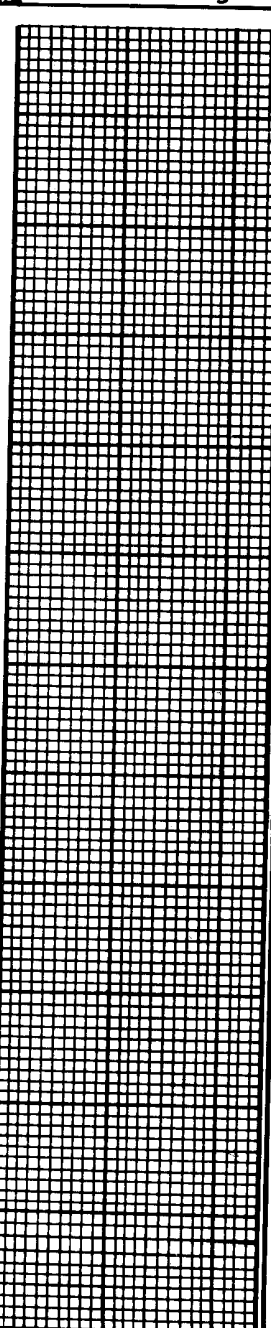
Stored in: \ Jars, Bags.

(GS) Very fine - very coarse, moderately sorted, slightly gravelly, shelly sand.  
 Sand fraction dominated by quartz with subordinate lithics/heaves.  
 Carbonate c. 10%.  
 Sporadic Cravel sized shell frags and rare whole shells.  
 Olive SY 4/4  
  
 (Macropul sample taken).



**CORE SAMPLE**

Equipment Used: CS

Stored in: Cut Cores, Uncut Cores, 3 Jars, Bags.

Depth	Log	Description	Core Photo: <u>Yes/No</u>	Sub Samples	Geotechnical Log
(m) 1 2 3 4 5 6		<p><u>(GS)</u> a/a but with large lithic cobbles up to 60mm length.                      Sediment becomes increasingly gravelly with shell+rock frags. down core. — <u>GS</u> Poorly sorted                      This sediment appear to rest on possible rockhead — red+white sandstone — Permian-Triassic?                      Very soft + weathered</p>			
				○ shear strength	△ compressive strength



<b>Project: REGIONAL GEOLOGICAL MAPPING</b>		<b>Job Sample No.: 59-01 255</b>
<b>Client: BGS/DEN</b>		<b>BGS Sample No.: 59-01 255</b>
<b>Lat. 59deg 28.52'N Long. 00deg 54.95'W</b>		<b>Sample Type:CS</b>
<b>Decca 6C A47.61 F51.12</b>		<b>Water Depth(m):124</b>
<b>UTM:</b>		<b>KP:</b>
		<b>DCC:</b>
Depth Metres	Legend	Lithological Description and tests
0.50		0.00to 0.15m. GRAV SAND Very fine-very coarse, moderately sorted, slightly gravelly. Sand fraction dominated by quartz with subordinate lithics/heavy minerals. Carbonate c.10% Sporadic gravel sized shell fragments and rare whole shells. Increasingly gravelly downcore, becoming poorly sorted COLOUR: 5Y 4/4 Olive SHEAR STRENGTH: COMPRESSIVE STRENGTH: OTHER REMARKS:
1.50		0.15to 0.30m. SANDSTONE Very soft and weathered. COLOUR: Red and white SHEAR STRENGTH: COMPRESSIVE STRENGTH: OTHER REMARKS: ?Permo-Triassic
End of hole at 0.30 metres.		
<b>Scale: 1:50</b>		<b>Logged By: BGS Marine Geology &amp; Operations</b>
<b>Core Tests:</b>		
<b>Reports: PDL 84/150</b>		
<b>References:</b>		
<b>Core Status: Cut:N Photo:N Shoe Sample:N</b>		
<b>Contractor: BGS Job No.: 83/WH/05 Date: 05.05.83 2128</b>		
<b>Remarks:</b>		
<b>Last Update:25.05.95</b>		