

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

159 -01 262

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

S Very fine - coarse, poorly sorted sand.
 Dominated by quartz + lithics (red sst frags. abundant).
 Carbonate c. 2% with shell frags up to coarse sand/granule grade.
 Olive brown 2.5/ 4/4.

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

Depth Log Description Core Photo: Yes/No Sub Samples Geotechnical Log

Depth (m)	Log	Description	Core Photo: Yes/No	Sub Samples	Geotechnical Log
1		<p><u>MGS</u> Very poorly sorted, very fine - very coarse, muddy gravelly sand. Sand fraction mostly quartz + lithics. Carbonate c. 5%. Gravel fraction c. 20% carbonate. Abundant lithic clasts up to 60mm length. Dark brown 7.5/ 4/2.</p>			
2		<p><u>B/2</u> Weathered bedrock. Red Sst. Fine - very coarse, poorly sorted sandstone. Cemented by white mineral which does not react with dil. HCl (Gypsum?). Red brown 5/ 4/4 - Dk red brown 5/ 3/4</p>			
3					
4					
5					
6					

○ shear strength Δ compressive strength

Project: REGIONAL GEOLOGICAL MAPPING		Job Sample No.: 59-01 262
Client: BGS/DEN		BGS Sample No.: 59-01 262
Lat. 59deg 46.57'N Long. 00deg 42.97'W		Sample Type:CS
Decca 6C D37.5 E64.43		Water Depth(m):130
UTM:		KP:
		DCC:
Depth Metres	Legend	Lithological Description and tests
0.50		0.00to 0.10m. SAND_GRAVEL Very poorly sorted, very fine-very coarse muddy gravelly sand. Sand fraction mostly quartz and lithics. Carbonate c.5% Gravel fraction c.20% carbonate. Abundant lithic clasts up to 60mm length. COLOUR: 7.5YR 4/2 Dark Brown SHEAR STRENGTH: COMPRESSIVE STRENGTH: OTHER REMARKS:
1.00		
1.50		0.10to 0.20m. SANDSTONE Weathered bedrock. Fine-very coarse, poorly sorted. Cemented by white mineral which does not react with dil. HCl (Gypsum?) COLOUR: 5YR 4-5YR 3/4 Red-dark red brown SHEAR STRENGTH: COMPRESSIVE STRENGTH: OTHER REMARKS:
2.00		
End of hole at 0.20 metres.		
Scale: 1:50		Logged By: BGS Marine Geology & Operations
Core Tests:		
Reports:		
References:		
Core Status: Cut:N Photo:N Shoe Sample:N		
Contractor: BGS		Job No.: 83/WH/02 Date: 08.05.83 0007
Remarks: sample stored in two (2) jars		
Last Update:24.05.95		