

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+60 -06 4

SURFACE SAMPLE

Equipment Used:

Seabed Photo: Yes/No

Stored in: Jars, Bags.

NONE.

D.J.

CORE SAMPLE


Equipment Used: **CS**

Stored in: **1** Cut Coref.

Uncut Cores, Jars, Bags.

| Depth | Log | Description | Core Photo: Yes/No | Sub Samples | Geotechnical Log |
|-------|----------|---|--------------------|-------------|------------------|
| (m) | OX. CLAY | 0.04 m - dense layer oxidized - cemented by Fe ox. obs. Prob sand present. No has been lost from core. | Yes/No | | |
| | | 0.15 | | | |
| | | <u>0.04 - 1.02</u> | | | |
| 1 | No Stone | 1.02 m TD. Exactly as +60/-06/3. Clay top oxidized for 11 cm to 0.15m. Distinctive fine clay clasts present. | | | |
| 2 | | | | | |
| 3 | | Note Fe-cementation & encrustment on Holocene pebble layer. | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |

○ shear strength Δ compressive strength

| Project: BGS Shallow Cores in Faroese Waters | | Core No.: 60-6/4 | |
|---|---|--|---------------|
| Client: GEM | | Water Depth (m) : 1010 | |
| Sample Position: Lat.: 60 31.66N Long.: 5 02.023W | | | |
| Depth Metres | Legend | Lithological Description and tests | Core Test (s) |
| 1.00 |  | <p>0.04m Pebble layer oxidised -cemented by iron oxides giving a dusty red colour (2.5YR3/2). Probably sand present that has been lost from core.</p> <p><u>0.04-1.02</u> slightly gravelly MUD olive grey (5Y4/2), very soft to soft, highly plastic with clasts up to 17mm, angular to subrounded.</p> <p>Clay top oxidised from 0.04 to 0.15m. Distinctive dark greenish grey (5G4/1) clay clasts present</p> | |
| 2.00 | | | |
| 3.00 | | | |
| 4.00 | | | |
| 5.00 | | | |
| Scale: 1:30 | | Logged By: BGS Marine Geology & Operations | |



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Survey