

SAMPLE DESCRIPTION SHEET

INSTITUTE OF GEOLOGICAL SCIENCES - MARINE GEOLOGY UNIT

SAMPLE NO.

+59 - 01 100

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

MUDDY SAND, olive-green (5Y4/2.5) very fine to fine-grained, well-sorted, a-A, (c1% lithic grains), rare medium, coarse grains (fine granules); foraminifera common, few echinoid spines, rare mica, few worms, worm tubes

CORE SAMPLE Equipment Used: **VE** Stored in: 3 Cut Cores, Uncut Cores, Jars, Bags.

| Depth | Log | Description | Core Photo: Yes/No | Sub Samples | Geotechnical Log |
|-------|-----|---|--------------------|-------------|------------------|
| (m) | | | | | |
| 0-24 | | 0-0.24M SAND , olive-green (5Y4/2.5), v. fine to fine-grained, well-sorted a/a with abundant foraminifera, muddy, a-A, with abundant medium-sand grade well-rounded mud? faecal pellets; structureless, weakly calcareous | | | |
| 0.52 | | 0.24-0.52 MUD , olive-grey (5Y4.5/1), v. soft, highly plastic; with few heavily core-disturbed partings vt-f sand; only slightly calcareous, with c10% coarse shell gravel throughout including Scaphopod, Cyprina islandica, Macoma Calcareo, small oyster | | | |
| 1 | | 0.52M-2.26M Interstratified SAND , mainly v. fine-fine-grained, but c1% coarse sand, granules to c2.5mm diameter; well-sorted, a-A, (c10% lithic grains), few flakes mica; c10% of grains coated in orange limonite, slight calcareous only | | | |
| 2 | | and MUD , mainly pink (5YR5/3), very soft, highly plastic (buttery), trace silty only, but locally olive-grey (5Y4.5/1), mainly weakly calcareous. Sand c10% of unit, occurs as laminae up to c1cm thick, but 10cm bed at top; spacing from few mm to c15cm. Few partings, dropstones containing abundant reddish-brown? Permian-Triassic derived sand | | | |
| 2.26 | | | | | |
| 3 | | | | | |
| 4 | | N.B. Up to 2m of core lost due to disintegration of catcher during recovery. Scrapings from smear in basal 50cm of barrel were of gravelly sandy mud, dark brown (5YR4/1.5), firm-stiff, with poorly-sorted fine to coarse sand grains, c2% lithic granules in moderately calcareous brown clay | | | |
| 5 | | | | | |
| 6 | | | | | |

T.D. C.2.26M

○ shear strength Δ compressive strength

