# I.G.S. Continental Shelf Units

F (1) SHEET/STATION NOS. csu 1 +61 / csu 2 +00 — NO. OF SAMPLES 51 (16) (17)

ORGANISATION SN (19) CRUISE NO. csu 1 78 / csu 2 CS06 (25) DATE 05 10 (29) TIME 2330 (33) GMT

UNCORRECTED DEPTH 166 M (37) POSITION FIXING METHODS A (40) COMMENTS (41)

PRIMARY FIXING METHOD chain 0E J 4.7 (chain, pattern 1) J 45.00 J 4.28 (red, green, purple; pattern 2) (64)

COMPUTED/MANUAL LATITUDE +61 52.3 (72) LONGITUDE +00 42.7 (80)

SECONDARY FIXING METHOD . . .

| SITINGS | BEARING °T | RANGE |
|---|---|---|
| | | |
| | | |
| | | |

CORRECTED DEPTH _____ O.D.

GEOLOGIST A.C.S.

SHIP CAPE SHORE

| EQUIPMENT | | CARBONATE % | GRAVEL % | SAND % | SILT & CLAY % | CORES | BOTTLES | BAGS |
|---|---|---|---|---|---|---|---|---|
| GS | S<br>Poorly sorted medium - ~~fine~~ grained sand. 2% lithic fragments & heavy minerals subangular to sub rounded. 10% carbonate as subangular to sub-rounded bivalve fragments echinoid spines & forams. Sand is quartzose subangular to rounded grains.<br>COLOUR 5Y5/2 (olive grey) | 10 | – | 100 | – | – | 1 | – |
| CS | 0.45m recovery (+25cm in shoe)<br>Top – as above.<br>0.45m – Shoe.<br>(g)SM<br>Poorly sorted fine - sandy mud with pebbles <1% Some coarse sand lithic fragments subrounded. 1% sand sized carbonate also subangular. Rest is quartzose sandy silt subangular to rounded.<br>Colour 10YR4/1 (dark grey) goes brown quickly.<br>Moderate HCl reaction little $H_2S$ given off.<br>Unconfined compression strength @0.45m 32.4kN/m²<br>" Shear strength 20–30kN/m² (? due to pebbles →). | 5 | 2 | 58 | 40 | 1 | 1 | – |

SAMPLE DATA SHEET 1.

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL
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