

I.G.S. Continental Shelf Units

F SHEET/STATION NOS. 1 CSU 1 461 CSU 2 400 9 NO. OF SAMPLES 2

ORGANISATION **SN** CRUISE NO. 78CS06 DATE 0507 TIME 0320 GMT

UNCORRECTED DEPTH 158 M POSITION FIXING METHODS **A** COMMENTS

PRIMARY FIXING METHOD 0EJ 14.58I 47.54B 50.97

COMPUTED/MANUAL LATITUDE +6122.22 LONGITUDE +0056.10

SECONDARY FIXING METHOD

SITINGS	BEARING °T	RANGE

EQUIPMENT	CORRECTED DEPTH _____ O.D.	GEOLOGIST <u>A.C.S.</u>	SHIP <u>Cape Shore</u>	CARBONATE %	GRAVEL %	SAND %	SILT & CLAY %	CORES	BOTTLES	BAGS
<u>GS</u>										
<u>GS</u>										
<u>GS</u>										
<u>CS</u>										
<u>CS</u>										

moderate - poorly sorted medium - fine grained sand.
 2% lithic fragments rounded to subangular. 20% carbonate comprising subangular to subrounded bivalves, echinoid spines + forams.
 Sand is quartzose with subangular to subrounded or rounded fine - medium sized grains.
 Colour 5Y5/2 (olive grey)

Total recovery 0.32m + (10cm in shoe).
 Top - as above.
 0.42m depth.

3M
 Soft, silty clay with pebbles and coarse shell fragments.
 < 1% lithic fragments including large (5cm diameter) subrounded, dark grey quartzite pebble. Other lithic fragments (incl quartz) are angular - subrounded. 1% carbonate present - as coarse sand size fragments subangular in shape - numerous shell fragments 0.02m above base of core when large pebble was extracted. Moderate HCl reaction.
 Colour 7.5YR4/1 (dark grey).
 Unconfined compression strength @ 0.32m 32.1 kN/m².