SPECIAL CORE DESCRIPTION

FIELD | WELL NO. 31/2-6 | AREA NORTH SEA

CORE NO. 1-3 | INTERVAL from 1531.0 to 1537.0 | REMARKS

FORM. | GEOLOGIST H.I./Ø.K. | DATE 11.12.81

MAIN ENVIRONMENT: INTERTIDAL

SUB ENVIRONMENT: BAR; UPPER SHOREFACE; LOWER SHOREFACE

DEPTH | LITHOLOGY | GRAIN SIZE AND SEDIMENTARY STRUCTURES (cl si vf f m c vc)

SEDIMENTARY STRUCTURES — MECHANICAL — STRATIFICATION: MASSIVE; BEDDED; LAMINATED; GRADED (B, L); FLASER AND LENTICULAR; HIGH ANGLE 20°; LOW ANGLE 10°–20°; CROSS BEDDED; FLUTES, GROOVES STRIATIONS, etc.; RIPPLE MARKS; IRREGULARITIES CUT-OUTS, TRUNCATIONS, etc.; DEFORMED & DISRUPTED FLOWAGE, MUD CRACKS, etc.; CHEMICAL CONCRETIONS, CONE-IN-CONE, etc.; ORGANIC: BURROWS TRAILS, etc.

TEXTURE — GRAIN SIZE: SAND (V. FINE 0.062; FINE 0.125; MEDIUM 0.250; COARSE 0.500; V. COARSE 1.000); GRAVEL (GRANULE 2.000; PEBBLE 4.000; COBBLES 16.000; 64.000; 256.000); SILT, CLAY

SORTING: VERY WELL 1.2; 1.4; 2.0; POOR

CONSTITUENTS: CARBONATE CALCITE (C) SID (S) DOL (D) ANKERITE (A); GLAUCONITE; MICA BIOTITE (B) MUSCOVITE (M) CHLORITE (C); INTRAFORMATIONAL FRAGMENTS; CHERT (C) ROCK FRAGMENTS (rf); INTERSTITIAL KAOLINITE (K) CLAY; CARBONACEOUS MATERIAL (C) CARBONIZED WOOD (W); PYRITE; FAUNA; COLOR; SAMPLE NUMBER

	REMARKS
1513	slightly micaceous Chondrites
1514	Fine sand with clay-carbon-aceous lam. Cement ripples+wave ripples.Lam.are part-ially destroyed by
1515	burrowing Much scour by currents. Erosive ripples. granular foreset lam.
1516	granules
1517	granules ophimorpha
1518	granules
1519	coarse x-laminations scour Ironstaining patchy calcite cement
1520	channel
1521	granules coarse X-laminations layers of granules+ bioclasts
1522	scattered granules storm or channel
1523	scour + fill
1524	
1525	scour megaripples, sets 9 cm. small channel
1526	
1527	ophio morpha
1528	granules
1529	vague lamination
1530	slightly friable Large burrows 4cm iron staining
1531	
1532	cemented burrows
1533	scour and lag base of limestone
1534	Ophimorph 'U' shaped burrow
1535	large burrow up to 5 cm. vague coarser micaceous layers parti ally destroyd by burrow.
1536	U-shaped burrow
1537	UND