SPECIAL CORE DESCRIPTION

FIELD | WELL NO. 31/2-5 | AREA NORTH SEA

CORE NO. 16-19 | INTERVAL from 1604.0 to 1628.0 | REMARKS

FORM. | GEOLOGIST H.I./Ø.K. | DATE DEC. 81

MAIN ENVIRONMENT | SUB ENVIRONMENT | 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: SILT, CLAY; 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
- SORTING: VERY WELL 1.2, 1.4, 2.0 POOR

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

1604	BAR	ST	Breccia
1605			Vague X-lamination
1606			vague x-lamination; decreasing mica; decreasing carbon; small rounded concretion
1607	UPPER SHOREFACE		bioclasts (5%) poorly sorted Nodular towards top
1608		ST	
1609			
1610		ST	
1611		S S	Iron staining
1612			clay matrix
1613			
1614			Oilstain Friable
1615			
1616			20% bioclasts; increase in bioclasts
1617			Friable
1618			coarse clasts (siderite); calcite cement
1619			
1620			Chondrites
1621			
1622	LOWER SHOREFACE		Fluid escape structures
1623			Thin shaly horizon; calcite cement
1624			at least 3 pulses of storm turbidite with burrowing at top of each event
1625			
1626		ST	
1627		S S	Storm deposit; Shale clasts (5cm); storm deposit
1628	UND	cl si vf f m c vc	