VEDLEGG 28

ENCL. 1

SPECIAL CORE DESCRIPTION

FIELD DELTA-EAST | WELL NO. 34/10-4 | AREA SOUTH-EASTERN TAMPEN SPUR

CORE NO. 1,2 | INTERVAL from 1826 to 1850 | REMARKS

FORM. RANNOCH | GEOLOGIST ELVSBORG | DATE 10-12-79

UNDERARKIVET

GRAIN SIZE AND SEDIMENTARY STRUCTURES

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 0.062 | V. FINE 0.125 | FINE 0.250 | MEDIUM 0.500 | COARSE 1.000 | V. COARSE 2.000 (SAND) | GRANULE 4.000 | PEBBLE 16.000 | COBBLES 64.000 | 256.000 (GRAVEL)

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

1826 — SEAL PEAL

27

28

29

1830

31

32 — SEAL PEAL

33

34

1835

36 — SEAL PEAL

37

38

39

1840

41

42

43 — SEAL PEAL

44

1845

46

47

48

49 — SEAL P.

1850

SHALLOW MARINE — UPPER SHOREFACE

} LOOSE SAND
◄T
Erosional boundary
T = thin section

Erosional boundary

◄T

Erosional boundary

◄T

◄T

} Loose sand

} Loose sand

} Loose sand

C

◄T

} Loose sand

1844,67 End core No.1

1845,- Start core No.2

◄T

UND

VEDLEGG 28

SPECIAL CORE DESCRIPTION

FIELD **DELTA-EAST** WELL NO. **34/10-4** AREA **SOUTH-EASTERN TAMPEN SPUR**

CORE NO. **2, 3, 4** INTERVAL from **1850** to **1874** REMARKS

FORM. **RANNOCH** GEOLOGIST **ELVSBORG** DATE **10/12-79**

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 CUTOUTS TRUNCATIONS, etc., DEFORMED & DISRUPTED BEDDING MUD CRACKS, etc., CHEMICAL CONCRETIONS CONCRETIONS, etc.), ORGANIC (BURROWS TRAILS, etc.) | TEXTURE: GRAIN SIZE (SILT CLAY, SAND: FINE, MEDIUM, COARSE, VERY COARSE; GRAVEL: GRANULE, PEBBLE, COBBLES, BOULDERS), SORTING | CONSTITUENTS (CARBONATE CALCITE, DOLOMITE, ANKERITE (A), GLAUCONITE, MUSCOVITE (M), BIOTITE, CHLORITE C, TRANSFORMATIONAL FRAGMENTS, CHERTS, ROCK FRAGMENTS, TERRESTRIAL KAOLINITE, CLAY, CARBONACEOUS MATERIAL, CARBONIZED WOOD, PYRITE) | FAUNA | COLOR | SAMPLE NUMBER | REMARKS

SHALLOW MARINE — UPPER SHOREFACE AND BEACH

1850 — SEAL PEEL

1852,4 End core No. 2

1857,0 Start core No. 3

Roots

Roots

1860 — SEAL PEEL

Erosional boundary

Roots

Erosional boundary

E. b.

Concave cross-bedding E.b..

Roots

1870 — SEAL PEEL

1873,45 End core No. 3, Start core No. 4

UND

VEDLEGG 28

SPECIAL CORE DESCRIPTION

FIELD **DELTA - EAST** WELL NO. **34/10 - 4** AREA **SOUTH - EASTERN TAMPEN SPUR**

CORE NO. **4, 5** INTERVAL from **1874** to **1898** REMARKS

FORM. **RANNOCH** GEOLOGIST **ELVSBORG** DATE **10/12 - 79**

MAIN ENVIRONMENT: SHALLOW MARINE — UPPER SHOREFACE

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: CARBONATE (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

DEPTH	LITHOLOGY	REMARKS
1874		Erosive boundary
75	SEAL PEAL	Concave erosive boundary
76		
77		
78		
79	SEAL PEAL	
80		
81		
82	SEAL PEAL	
83		
84		
85		
86		
87		
88	SEAL PEAL	
89		
1890		
91		
92		
93	SEAL PEAL	
94		Shale in lamina
95		E.b. Dispersed carbonaceous matter
96		Erosive boundary
97		Erosive boundary
		Dispersed carbonaceous matter
		1891 - End core No 4
		Start core No. 5
		Erosive boundary
		Erosive boundary
		Erosive boundary

UND

VEDLEGG 28

SPECIAL CORE DESCRIPTION

FIELD **DELTA-EAST** WELL NO. **34/10-4** AREA **SOUTH-EASTERN TAMPEN SPUR**

CORE NO. **5** INTERVAL from **1898** to **1909** REMARKS

FORM. **RANNOCH** GEOLOGIST **ELVSBORG** DATE **10/12-79**

MAIN ENVIRONMENT: SHALLOW MARINE

SUB ENVIRONMENT: UP. SH. F — SHOREFACE — MIDDLE

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 0.062; SAND: V. FINE 0.125, FINE 0.250, MEDIUM 0.500, COARSE 1.000, V. COARSE 2.000; GRAVEL: GRANULE 4.000, PEBBLE 16.000, COBBLES 64.000, 256.000

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

1898 — S.P.

99

1900 — SEAL PEAL

01

02

03

04

1905

06

07

08

1909

Cm

T

T

T

SHALE DISPERSED IN THE BIOTURBATED LAYERS LACKING SED. STRUCTURES

1909 - End core No.5

UND

VEDLEGG 28

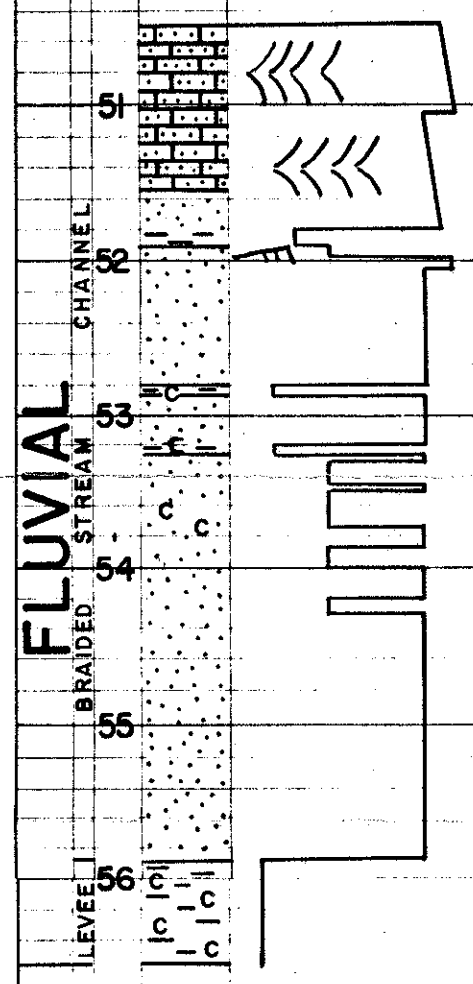
SPECIAL CORE DESCRIPTION

FIELD **DELTA - EAST** WELL NO. **34/10 - 4** AREA **SOUTH-EASTERN TAMPEN SPUR**

CORE NO. **6** INTERVAL from **2350,5** to **2356,55** REMARKS

FORM. **STATFJORD** GEOLOGIST **ELVSBORG** DATE **10/12 - 79**

MAIN ENVIRONMENT: FLUVIAL
SUB ENVIRONMENT: BRAIDED STREAM CHANNEL, LEVEE
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: 0.062 V FINE, 0.125 FINE, 0.250 MEDIUM, 0.500 COARSE, 1.000 V. COARSE, 2.000 GRANULE; GRAVEL: 4.000 GRANULE, 16.000 PEBBLE, 64.000 COBBLES, 256.000; 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



- 2350,5 Start core No.6
- Carb. mat.
- Carb. mat.
- Loose m. sand
- Carbonaceous shale in bags
- -2356,55 End core No. 6

UND