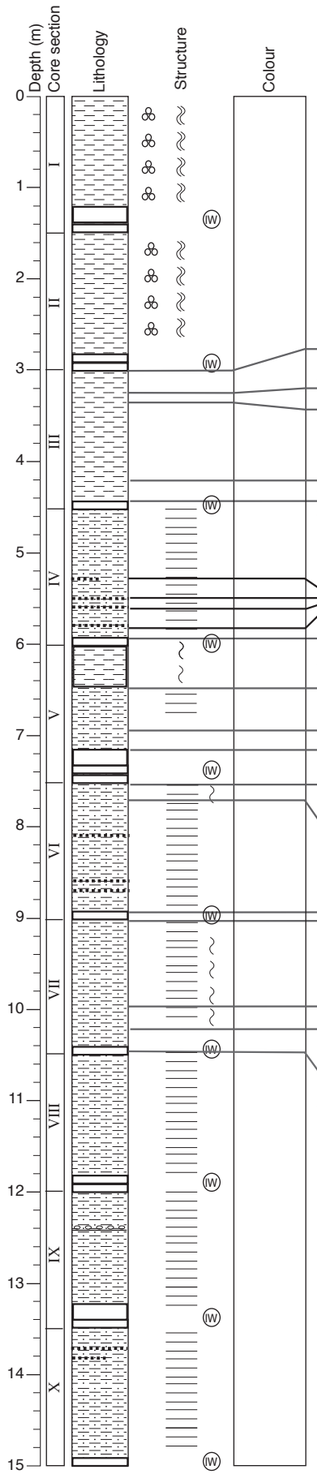
Core description

Station 16
Core MD02-2560



Comments

0 - 280 cm: Light green gray, bioturbated clay with abundant foraminifera

at 170 - 180 cm and 210 - 212 cm, two brownish lenses are observed (iron oxides?)

300 - 324 cm: green gray clay, slightly bioturbated, with rare to common foraminifera downwards a pinkish colour develops in the sediments

324 - 328 cm: pinkish, greenish gray clay, minor bioturbated with foraminifera

328 - 418 cm: greenish gray clay, slightly bioturbated with foraminifera

418 - 440 cm: greenish gray to pinkish gray clay, with a few foraminifera, minor bioturbation

450 - 590 cm: greenish gray to dark green gray to pinkish gray, layered/laminated clay to silty clay. The layers are characterised by silty and sharp bases that in cases may even be interlaminated by silty laminae

silt laminae

600 - 645 cm: dark greenish gray clay to silty clay, with few foraminifera, slightly bioturbated to faintly bioturbated

645 - 692cm: dark greenish gray silty clay with a lenticular, disturbed layering/lamination

692 - 715 cm: greenish gray silty clay, well layered

750 - 773cm: dark greenish gray silty clay, minor bioturbated with a lenticular, disturbed layering/lamination

773 - 890 cm: light greenish gray to green gray layered silty clay. The layers are characterised by sharp and silty bases.

900 - 998 cm: greenish gray, layered silty clay as above but the layering is disturbed by bioturbation activities

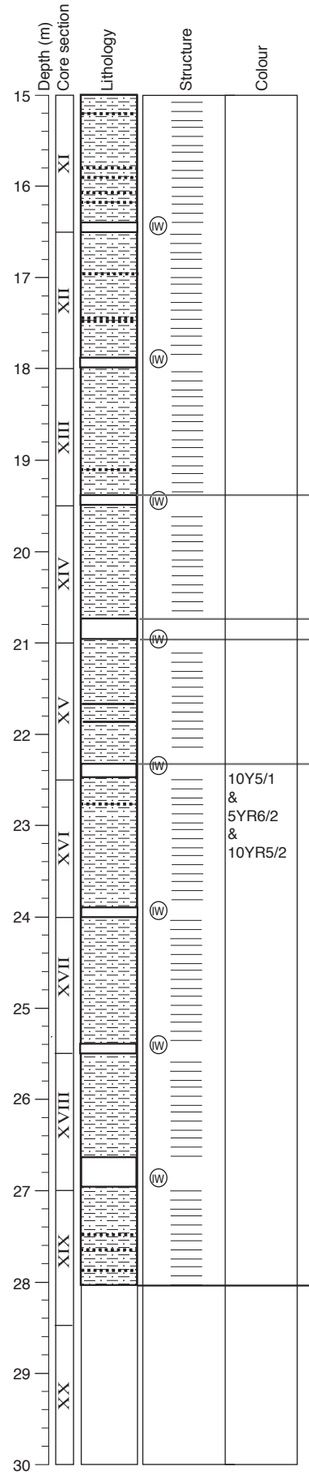
998 - 1022 cm: as above, but a pinkish hue is observed in the sediments

1022 - 1040 cm: dark greenish gray faintly layered silty-clay with blueish gray (organic rich) patches. Bioturbated.

1050 - 1500 cm: greenish gray to light brownish gray layered silty clay. The layers are characterised by sharp abd silt bases.

1240 cm: normal graded sandy to silty layer (2 cm thick)

1370 & 1382 cm: silty laminae



Comments

1500 - 1940 cm: greenish gray to brownish gray layered silty clay

silt layers at: 1520, 1578, 1582, 1612, 1618, 1798, 1850, 1912 cm

1950 - 2075 cm: as above but a pinkish hue is observed in places

2100 - 2240 cm: greenish gray to light pinkish gray to light brownish gray layered/laminated silty clay

2168 & 2187 cm: tar (bitumen)

2250 - 2803 cm: as above but with blueish gray (organic/tar-rich) layers

2279 cm: silt lamina

2745 - 2750 cm, 2769 - 2770 cm, 2792 - 2793 cm: sand layers

end of core: 2803 cm