J99

DE2?

base

F110

E119?

DE3
sneaker

base

E125

Fantastically compressed section.

≈ 50%
DE3-DE5

E135

E138

E143

8.9

E149

DE4
rogue

E176

E183

E187

DE 5/6

laminated: alternating light brown & dk brown to black
0.5 - 1.0 mm th

As2, Ag1, Ld1

70

7.4 slice of wet sed 73.5-76.5 cm for binocular scope analysis — 3% sand, 35% silt, 62% clay, 7.4% organics

lam = 1-3, f, p (some are d)

ARN96-02 79cm Core Y
0.5 cm thick slice from top of ½ of core Y
2T, 1L, 1H, 1B, R
1780 ± 110 BP
AA-20160 5.3 mg −30.4‰

30% sand, 27% silt, 43% clay, 6.8% organics

80 sd <0.5 mm vf sand 1-3 mm th Sand is 30 mm thick in core Y.

0.3 — 80 — 97% sand, 3% silt + clay, 0.3% organics

laminated 0.5-1.0 mm th; higher proportion of organics forming

7.6 compressed mlgc? Ld2, As1, Ag1 / As2, Dd1, Ag1 lam = 2-3, f, w

0.5 mm — 26% sand, 16% silt, 44% clay, 7.6% organics

msv gyttja — "gcl-like" in appearance Ld2, As1, Ag1

gcl? 1.5 mm — 1% sand, 37% silt, 62% clay, 6.8% organics

well laminated lam = 2-4 f, p

avg th = 1 mm

90

124 couplets
131 couplets
115 couplets
370 ÷ 3 = 123 couplets = average of 3 counts

As2, Ag1, Ld1

2% sand, 29% silt, 70% clay, 3.2% organics

99.2
85.6
13.6 cm
136 mm

136 mm / 123 years = 1.1 mm/yr

compressed mlgc?

6.8 — 2% sand, 26% silt, 72% clay, 6.8% organics

1 mm w/ relief = 5 mm

100

gcl

msv, no lam observed Ld2, Dg1, As1, Ag+, Dh+

+dl? 7% sand, 46% silt, 47% clay, 9.2% organics

2 mm

ARN96-03 101 cm
1 cm thick slice of sed from middle of unit in core Y.
Most of ½ of core (seg B).
2R, 1H, 1I, 1B, 0, L, T
1600 ± 100 BP
AA-20161 1.7 mg −29.4‰

lam are present but hard to see
"faintly laminated" 0.5 - 1 mm th.

lam = 0-1, f, w-d

110

1% sand, 34% silt, 65% clay, 7% organics

3% sand, 30% silt, 67% clay, 5.9% organics — slice of sed 117-120 cm for binocular scope analysis

1.0 mm

fine laminations abruptly stop here: horizon delineating lake turnover

(going upsection)

lam = 3-4 vf p

from 118.5 to 120: laminations are hard to see

mlgce

120 Ld2, As1, Ag1, Dg+ ≤ 0.5 mm — 3% sand, 52% silt, 45% clay, 6.8% organics } fine laminations

gcl GCL for DE5 Ld2, As1, Ag1

massive gyttja, porous appearance 7% sand, 56% silt, 37% clay, 4.6% organics

Foram sample 126-126 from seg B

20 mm Ld2, As1, Ga1, Ag+

50% vf, 50% f (top)

82% sand, 10% silt, 9% clay, 1.5% O sand noticeably fines upsection

130

sd 59% sand, 24% silt, 17% clay, 1.7% organics

Sand of DE5

ARN96-04 136 cm
1 cm thick slice at top of clean sand in Ga2, As2, Dh+ from most of seg B.
2B, 1L, 1O, 1H, R, I
2325 ± 60 BP
AA-20162 8.9 mg −28.6‰

75% fine 25% med (base)

sd 96% sand, 4% silt + clay, 0.2% organics

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