BR94E
no marine
455-57?
E458
brackish, rare marine
common marine
common marine
DE(10) 12
common marine
base DE10
no marine
E475
E477
E479
DE(11) 13
E484
E493
DE(12) 14
E499
E507
E511
E525

erosional contact with 11 mm relief

gl
gl
Ld2, As1, Ag1 — lam – 0.1–0.8 mm
2.5Y 2/2 — 4, f, c
2 coarse gls – 1.8+2 mm
460 mlgc
0.5 mm ← lam deposited on sloping sand contact
0.5 mm Ga4, As+ fine sd
gcl Ld2, As2, Dg+
10YR 2/2
3 mm (0.5 A)
sd
2–3 pulses of sand deposition, note rip up clasts
P3 or P2 P2
coarsens upward
Ga4 – fine sd with 1–3 mm clasts of mud
Ga4/Ga3, As1, Ld+, Ag+
clasts – Ld2, As1, Ag1,
Why debris at base
1 mm
0.1–0.3 mm
dl?
fines upward
470
Ld2, As1, Dh1, Dg+, Dl+ – 2 mm f sd lam underneath
ARN94-37 470 cm
coniferous core bract from sand lam 25.1 mg
3795±60 BP −27.7‰
AA-17132 5T (E)
Ld2, As1, Ag1, Dg+
10YR2/2 (?)
2% <0.5 mm black mottles in upper ½ (decomposed Dg)
lam – faint in lower half
0–1, f, d brown
2 mm
gl
gl
gl
Ld2, As1, Ag1 — lam – 0.5–1.2 mm
10YR 2/2 (?) — 3, c, c
480
1 mm (0.5 mm H)
mlgc
Ld2, As1, Ag1 — lam – 0.2–0.5 mm
10YR 2/2 (?) — 4, f, c
0.2 mm
zone of soft-sed deformation with fine planar shears
Ld2, As1, Dg1, Dh+ – load structures?
Why Dg?
gcl
10YR 2/2
3 mm
ARN97-04 486 cm
1 cm slice from 486–487 in ½ of core
lam – faint
3965±50 BP 6.8 mg
AA-26597 1C, 1H, 1L, 1N, 1R, 0, S (C)
490
Ld2, As1, Ag1
10YR 2/2 (?)
lam – 0.3–0.8 mm
2, f, c
80% brown
20% light gray
0.5 mm
gl
Where is mlgc?
gcl Ld3, As1, Dg+ brown, porous with fine fibrous organics
10YR 2/2
1 mm
dl? Ld2, As1, Ag+, Dg1, Dh+ 10YR 2/2 fibrous organics 20% (H)
4 mm
vivianite
Ld2, As1, Ag1 — lam – few faint
ARN96-20 496 cm
1 cm thick slice from entire ½ of unsampled ½ of core E
2L, 1N, 1H, 10, T, S, B, R
(A) 4150±55 BP
AA-20180 25.1 mg (S) −28.6‰
gl
500
Ld2, As1, Ag1 — lam – 0.8–1.0 mm
10YR 2/2 (?) — 0–1, f, c–d
3 mm
gls
Ld2, As1, Ag1 — lam – 40% of unit lam
2, f, c–d
5% black mottles (decomposed Dg)
gl
510
gl
gl
TS7
2 mm dia lense of Ga3, As1 – probably slurry?
BS6
Ld2, As1, Ag1 — lam – faint
2.5Y 3/2 — 0–1, f, p, c–d
vivianite
no lam?
ARN94-41 516 cm
12×1 mm stick not cleaned.
2 mm (4 mm H)
gl
520
gl
gl
Ld2, As1, Ag1
2.5Y 3/2
lam – 0.2–0.8 mm, mostly faint
2, f, p, c
85% brown
15% gray
5% gls
gl 0.5 mm
gl 1–2 mm