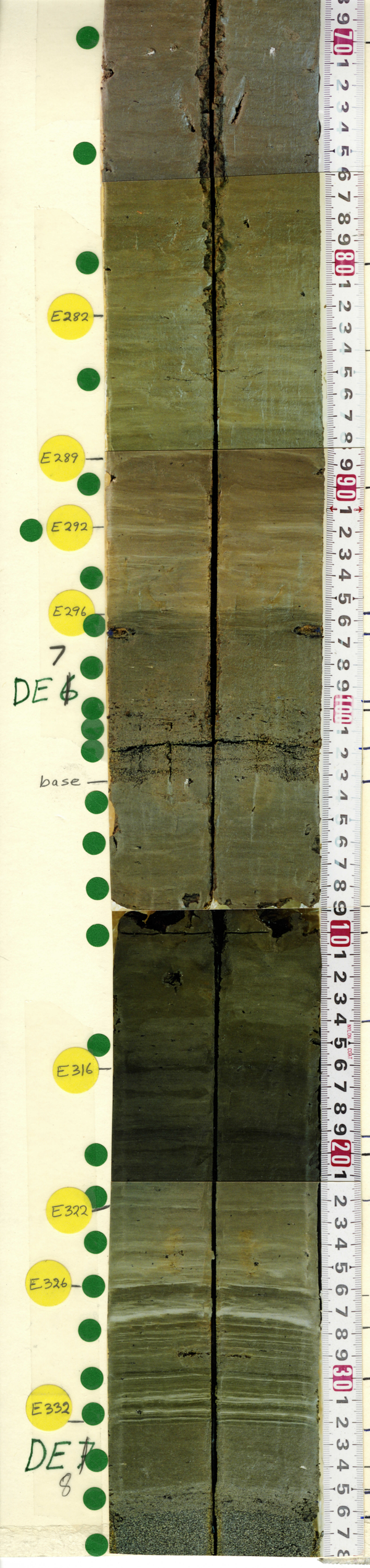

vivianite
Ld 2, As 1, Ag 1
2.5Y 3/2
lam – 0.1–1.0 mm
1, f, p, c–d
100% brown
tr gray
tr black

In segment 4,
Ld 2s may be Ld 1
and Ld 3s may be Ld 2.
(probably not)

270

280

25 mm (H 5 mm at 281.7)

Ld 2, As 1, Ag 1
2.5Y 3/2
lam – 0.4–1.5 mm
2, f, p, c
90% brown
10% gray
tr black

290

lam – 3, f, p, c

0.3 mm eroded contact
mlgc lam – 0.1–0.5 mm 4, v f, p, c
0.5 mm

17 lam Sed rate ≈ 0.65 mm/yr

ARN94-35 297 cm
abraded, Fe-stained stick
or small root
contains vivianite

gcl (Ld 3, As 1, Ag +)
brown, porous
– can taste silt

4 mm (H 2 mm)

300

dl Ld 2, Dh 1, As 1, Dg +, Ag +
5% herb fragg horizontal
1 mm two
v. fine sand with dis mud lam

ARN94-36 300 cm
1.2 cm piece of ½ of core
3B, 2N (E) 10 mg wet
2670 ± 60 BP
AA-19300 –35.5‰

Clay lam suggest
at least 3 sandy water pulses

sd Ld 3, As 1
0.5 mm
vivianite

Ld 2, As 1, Ag 1
2.5Y–10YR 3/2

BS 4, T 55

310

Ld 2, As 1, Ag 1, Dg +

ARN94-38 312 cm
Hard black abraded
wood fragment.

?

Ld 2, As 1, Ag 1 lam – 0.2–0.8 mm, faint
brown, tr gray

?

320

Ld 2, As 1, Ag 1 lam – some, faint

lam too faint
for counting?

?

Ld 2, As 1, Ag 1 lam – 0.4–1.5 mm
gls ≤ 2.5 mm

gl

gl ?

mlgc?

Ld 3, As 1, Dh + lam – 0.2–0.6 mm, finely
85% brown
15% gray

330

mlgc ?

≈ 66 lam ? Sed rate ≈ 0.68 mm/yr

Only 1-cm intervals
in middle and lower
part of unit look like
classic mlgc.

1 mm

gcl Ld 4, As +, Dg + dark brown with
5% silt fibrous organics

ARN96-18 334 cm
1 cm thick slice from unsampled
½ of core 3N, 1T, 10, R, B, L, H, I (D)
2970 ± 70 BP
AA-20178 15.2 mg (s) –27.8‰

0.5 mm

dl (Ld 1, Dh 1, Ga 1, As 1, Dg +, Ag +) 30% f–v f sd

0.25 mm

sd Ga 4 m–f sd no lam or grain-size variations