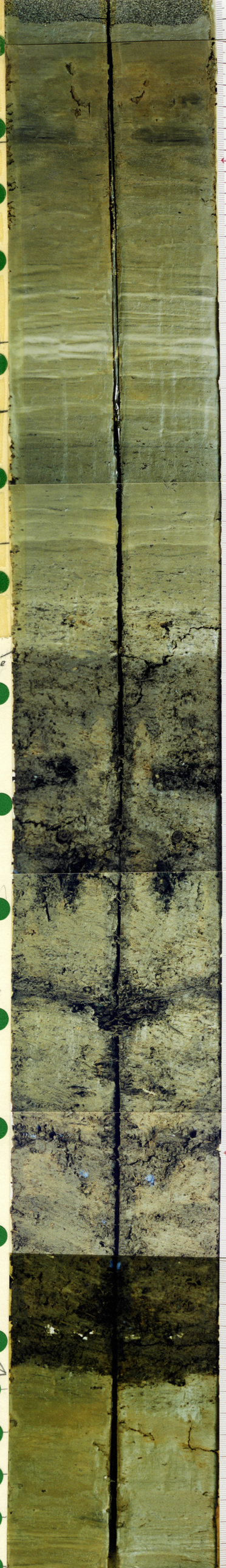

Ga4

0.2 mm

340 Ld2, As1, Ag1

?

Ld2, As1, Ag1 lam – 0.3–1.0 mm, faint
99% brown
1% gray as blebs
tr black

Oxidized and/or turbated mlgc? or just mlgc in lower part?

mlgc?

3 mm

gcl? Ld2, As1, Ag1, Dg+, Dh+
dark brown with fine fibrous organics

3 mm

Ld2, As1, Ag1 lam – 0.1–0.5 mm, faint
100% brown
tr gray
tr black

350

2 mm

gl

Ld2, As1, Ag1 lam – 1.0–2.5 mm
light brown
60% brown
40% gray
tr black

gl
gl

3 mm

Ld2, As1, Ag1 lam – 0.1–0.5 mm
light brown
97% brown
3% gray
tr black

360

10 mm

Ld2, As1, Dh1, Dg+
dark brown
20% fibrous organics
90% brown
10% black

dl + gcl

Ld2, As1, Dh1+, Dg++
dark brown

2.5 mm

Decreasing organics

dl & gcl following emplacement of peat block yes

So where is mlgc??

They don't really look like gcl & don't match stratigraphically with DE8. yes

370

Sh2, As1, Dh1, Dg+, Th³+

Sh2, Dh1, Th³1, Dl+, As+
coarser, fibrous

Sh2, As1, Dh1, Dg+, Th³+

Sh2, Dh1, Th⁴1, As+, Dl+
coarser, fibrous

bark

ARN94-39 373 cm
1 cm thick section of ½ of core
all fossils horizontal in peat.
Submitted: 3 frags of herb stem bases, ½ herb seed pod 21.5 mg
3740 ± 55 BP –29.8 ‰
AA-17133 3H, 2S (A)

380

Sh2, As1, Dh³1, Th³+

Coarse fibrous sections of peat interlayed with more decomposed parts. 5 cm piece breaks more easily horizontal, ∴ prob mainly detrital. Few vertical roots but they may be decomposed.

Looks like typical "low marsh" sediment.

3 mm

Sh2, Dh³1, Th³1, As+

3 mm

Sh2, As1, Dh⁴1, Th⁴+

390

3 mm ← stick in center vivianite

3 mm vivianite

Sh3, Dh⁴1, Th⁴+, As+
10YR 2/1 – 1/1 oxidized
7.5YR 2/2 – 2/3 unoxidized
vivianite

Stained black & brown, but turned brown/dark brown on exposure.

3 mm

400 Sh2, Dh⁴1, Th⁴1, Dl+
wood fragment

0.5 mm

ARN94-40 401 cm
Peat from ½ core, little mud.
Submitted: 3 frags herb stems cedar, spruce, & hemlock needles
3700 ± 50 BP 16.3 mg
AA-17134 4N, 1H (D) –29.0 ‰

Ld2, As1, Ag1 lam – faint
100% brown
tr black

1 mm

Ld2, As1, Ag1 lam – 0.5–1.2 mm, well
70% brown
30% gray

Where is gcl & mlgc?

410