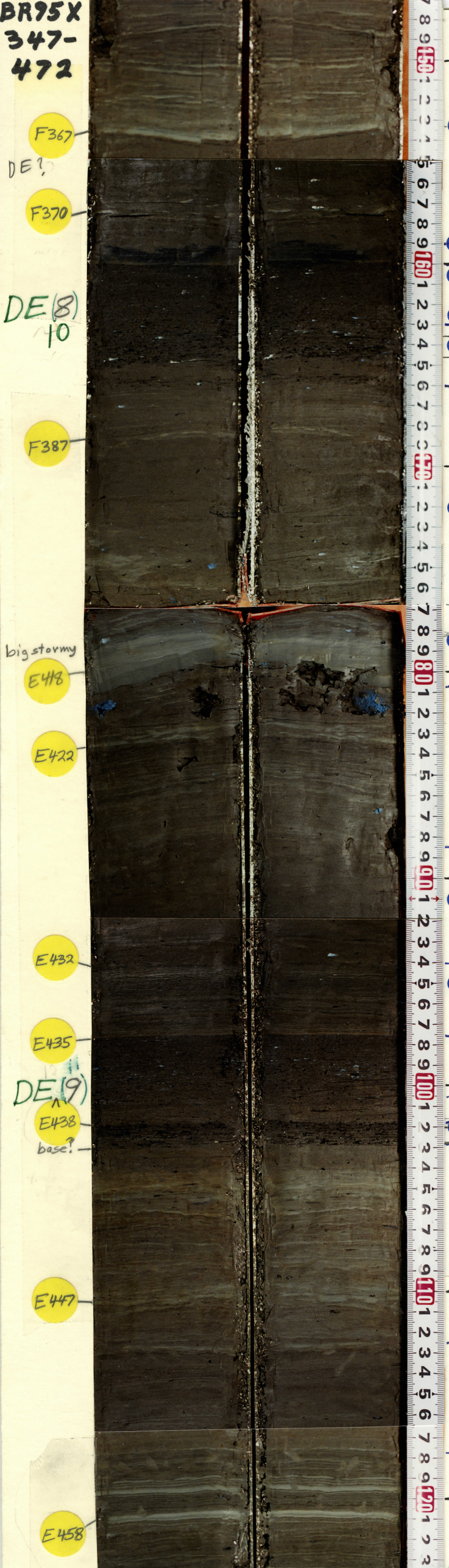

-350

liberal count
162 – DE 7/8 to 8

As 1.5, Ag 1.5 Ld 1
gcl??

This is a period when the lake was well mixed and turned over annually

horizon of first turnover after DE8

mlgc
-360
305
gcl
gcl

mlgc, DE8: the mlgc is ~ 10 mm thick and is erosionally truncated at
no debris layer
looks like bioturbation to me.

top
Ld2⁻ As1 Ag1 Dg?
gcl w/ slightly bit less organic

gcl of DE 8

~~dl~~ Ld2+ As1 Ag+ Dg+
gcl w/ rel. lg amount of organic
gcl/dl

Compare with base DE9.

2mm — base of DE8
base of DE8 does not appear to be erosional.
Stirred-up lake debris just settled out on the lake bottom.

-370

laminated to faintly laminated

ARN96 – 26 364 cm
10 mm slice of ½ of core (right half)
3480±50 BP 8.5 mg -30.1‰
AA-23212 2I, 1H, 1L, 1B (B)

BS2

TS3

-380
<0.5
1 single gl

laminated

-390

msv unit except for 1 or 2 discontinuous faint laminae
interp: interval of annual lake turnover

<0.5 → the top of this mlgc is erosionally truncated ← not sure about this.

mlgc of DE9
As 2 Ld 1 Ag 1

<0.5
gcl
-400
gcl of DE9
mid/upper gcl (a bit less clay) Ld1.5+ As1.5 Ag 1
base of gcl = As 1.5 Ld 1.5 Ag 1.

1.0 mm
dl debris layer of DE9
Ld³ As/Ag1⁻ Dg⁺ Dh trace vf sand
Why does base look like a gc

1.0 mm
trace vf sd

ARN96 – 21 402 cm
8 mm slice from ½ of core
17.9 mg
-28.2‰
20, 1H, 1N, 1B, R, S, T, L, I (B)
3815±50 BP
AA-20181

well laminated

-410

3-4 mm

mostly (> 90%) massive w/ visible burrows
(interval of annual lake turnover?)

liberal count
152 – DE9-10

1 mm — upper contact slightly disturbed by burrow

burrows in (upper part of) mlgc:
(no burrows occur in mlgc's higher in section ⇒ lake shallower at this time?

-420
mlgc
mlgc of DE10