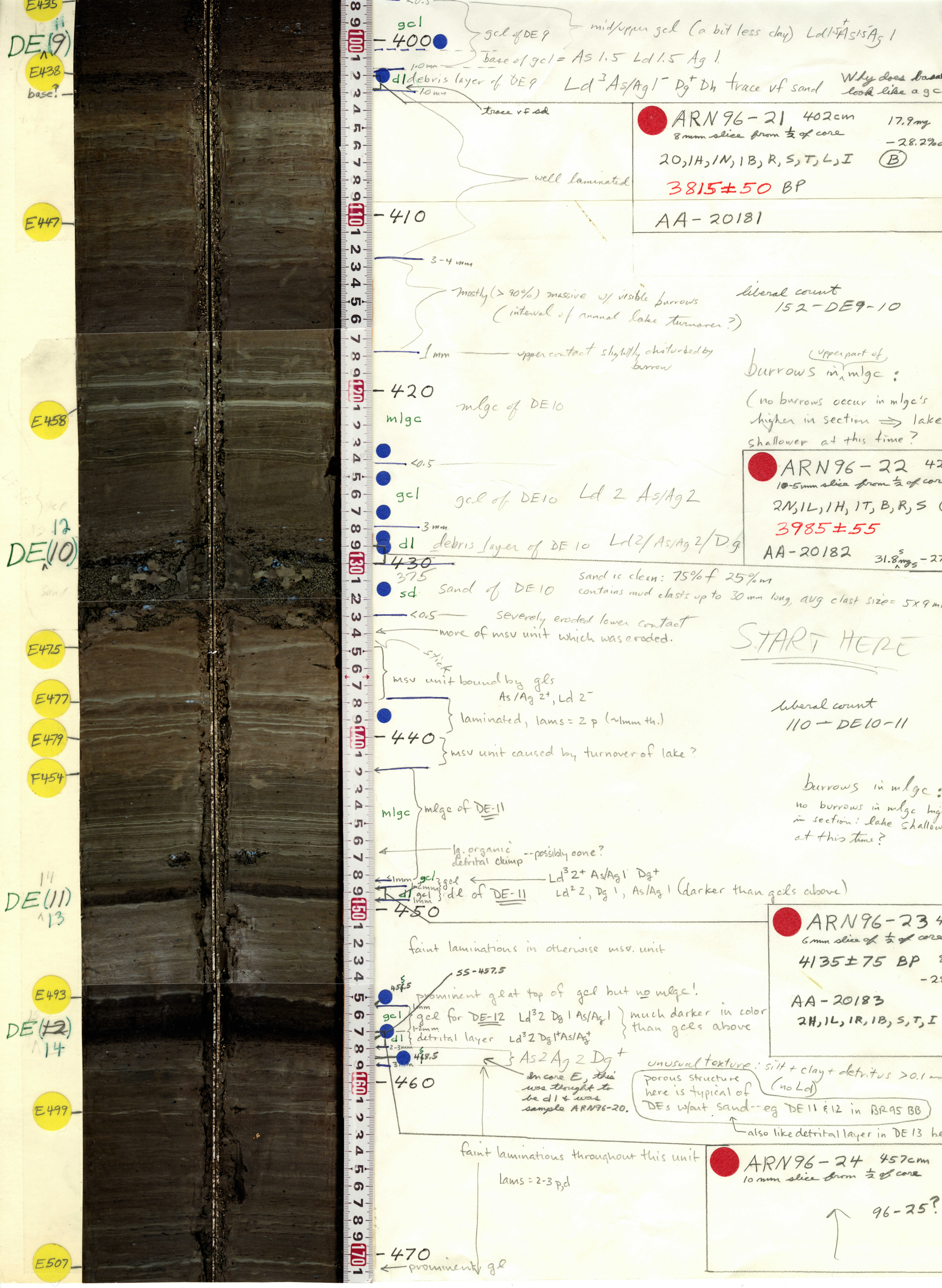

E435
DE(9)
E438
base?
E447
E458
DE(10)
E475
E477
E479
F454
DE(11)
E493
DE(12)
E499
E507
gcl
400
gcl of DE9
mid/upper gcl (a bit less clay) Ld1.5+As1.5Ag1
base of gcl = As 1.5 Ld 1.5 Ag 1
1.0mm
dl debris layer of DE9
Ld3 As/Ag1- Dg+ Dh trace vf sand
Why does basal look like a gc
trace vf sd
ARN96-21 402cm
8mm slice from ½ of core
17.9mg
-28.2‰
2O, 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
1mm
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
<0.5
gcl
gcl of DE10 Ld 2 As/Ag 2
3mm
dl debris layer of DE10 Ld2/As/Ag2/Dg
ARN96-22 42
10-5mm slice from ½ of cor
2N, 1L, 1H, 1T, B, R, S
3985±55
AA-20182
31.8mg -27
430
375
sd
sand of DE10
sand is clean: 75% f 25% m
contains mud clasts up to 30 mm long, avg clast size = 5x9 m
<0.5
severely eroded lower contact
more of msv unit which was eroded.
START HERE
stick
msv unit bound by gls
As/Ag 2+, Ld 2-
laminated, lams = 2 p (~1mm th.)
liberal count
110-DE10-11
440
msv unit caused by turnover of lake?
burrows in mlgc:
no burrows in mlgc hig in section: lake shallow at this time?
mlgc
mlgc of DE-11
lg. organic detrital clump --possibly cone?
1mm gcl
2mm gcl
dl gcl
1mm
dl of DE-11
Ld3 2+ As/Ag1 Dg+
Ld2 2, Dg 1, As/Ag 1 (darker than gcls above)
450
ARN96-23
6mm slice of ½ of core
4135±75 BP
-2
AA-20183
2H, 1L, 1R, 1B, S, T, I
faint laminations in otherwise msv. unit
SS-457.5
456.5
prominent gl at top of gcl but no mlgc!
1mm
gcl
gcl for DE-12 Ld3 2 Dg 1 As/Ag 1
much darker in color than gcls above
1-2mm
dl
detrital layer Ld3 2 Dg 1+ As/Ag+
2-3mm
468.5
3mm
As 2 Ag 2 Dg+
In core E, this was thought to be dl & was sample ARN96-20.
unusual texture: silt + clay + detritus >0.1 mm (no Ld)
porous structure here is typical of DEs w/out sand--eg DE11 & 12 in BR95 BB
also like detrital layer in DE13 be
460
faint laminations throughout this unit
lams = 2-3 p,d
ARN96-24 457cm
10 mm slice from ½ of core
96-25?
470
prominent gl