msv → bioturbated

→ <0.5 mm, relief = 10 mm; bioturbated top to fine laminated unit

E422

330 fine laminae

1.5 mm

largely msv unit w/ some gcb's visible:
interp: extensively bioturbated
As 3 La1⁻ Ag⁺ (bioturbation zone above horizon of lake turnover)

1 mm, relief = 8 mm

E432

340

6.0 1% S, 53% Si, 46% Cl

As 3 Ag⁺ Ld⁻ fine laminated unit – top of unit is bioturbated

mlgc

E435

<0.5 mm

8% S, 41% Si, 51% Cl

DE (9)

gcl 9.5 gcl

ARN 96-08 349 cm
1 cm thick slice of B Seg 3 Core Y
2H, 1B, 1I, 1R, S, N (B)

Why no erosive contact?

E438

dl

base

8.8 11% S, 41% Si, 48% Cl

2 mm

350

3790 ± 90 BP -28.8‰

transitional unit

AA-20168 11.4 mg

3 mm

What does this mean? a "slow" tsunami?

laminated unit As 3 Ag 1

4.6 1% S, 40% Si, 59% Cl

E447

1.5 → 2.0 mm

360 msv, extensively burrowed

2 mm

top of laminated unit disturbed by burrowing

fine laminated unit 4f c-d.

E458

clast(?) of msv gcl-like material that intruded sideways into a fine l
Ld 3⁻ As 1⁺ unit. – Did this occur during a lake turnover? maybe

ARN96-0
1 cm thick slice of
Core Y
2N, 2R, 1B, H
4190 ± 75 B
AA-20169 19.

fine laminated unit As 3⁻ Ld 1 Ag⁺

mlgc

<0.5 mm

370 5.7 4% S, 42% Si, 54% Cl
Ld 2⁺ As 1⁺ Ag⁺

gcl finer gcl, no trash

transitional over 2 mm

dl relatively coarse gcl plus fine trash Ld 2⁺ As 1 Ga⁺ Dg⁺

8 mm

12

DE (10)

DE # 7?

[gy⁺jja clast 5 mm x 15 mm near top of sand at 376.5 cm]

sd Ga

90% fine sand, no upward gradation, no evidence of pulses

380 99% sand, 1% silt + clay

base

<0.5 mm ← MAJOR EROSIONAL UNCONFO

→ pocket of sand, burrow?

faint laminations
(largely bioturbated?)

As 3 Ag 1⁻ Ld⁺

E475

E477

390 1 mm

clear laminations – evidence of burrows

As 3⁺ Ag 1⁻ Ld 1⁻

E479

0.5