10/25/95

BR 95 X

By comparing 94 E and 94 F (esp. F) w/ 95 X, we determined that 95 X starts just below the 1000 yr sand, with the base of which is at 104 cm in 94 F.

There was a wood chunk embedded in the alum pipe at top of 95 X which could not have been at 104 cm depth and ∴ must have been pushed down from near surface.

The pushing down of the wood disturbed the upper ~ 1 m, which then liquefied upon vibration.

New compaction estimates for 95 X using new vs old drive length:

old drive length = 657

new drive length = 657 − 104 = 553

$$\% \text{ reduction in porosity} = \frac{\text{drive length} - (\text{recovered core length})}{\text{drive length}}$$

$$\% \text{ reduction in porosity} = \frac{553 - 553}{553} = \emptyset$$

old	new (add 100	newer new
0-156	100-256	45 — 201
156-276.5	256-376.5	201 — 321.5
276.5-431.5	376.5-531.5	321.5 — 476.5
431.5-556	531.5-656	476.5 — 601

1/26/95: We discovered a discontinuous 1-4 grain thick DE 2 sand in core X which made us rethink the depths. Because sneaker is just below this discont. DE 2 sand, we again compared 95X to 95 F, found several correlative gray laminae at the ~50-60 cm level in 95 F, from which we now conclude that the top of 95 X is = 45 cm.