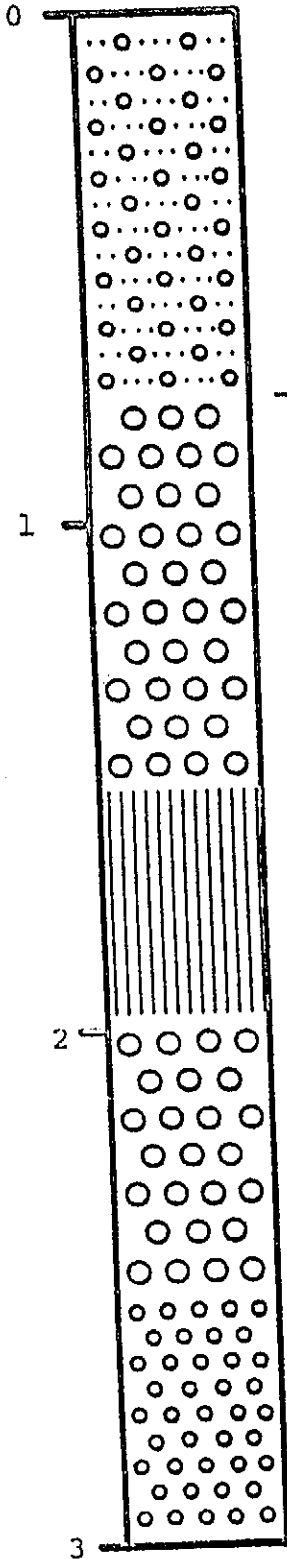


RJ12-01

Meters



Gray fine sand and silt

- gradational

Brown medium sand with organics

Radiocarbon sample-wood

a lot of wood sampled

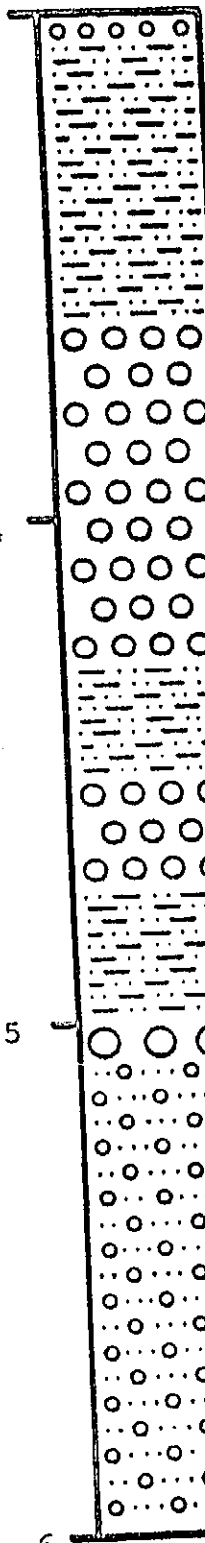
Brown medium sand, coarse near base

- relatively sharp contact

Gray fine sand, laminae dip offshore

Meters

3



Gray fine sand

- sharp contact

Greenish-gray silt-clay

- sharp contact

Gray medium sand, oxidation at 373 cm
to yellow

4

- sharp contact

Tan-gray interbedded sand and ^{sandy} silt-clay
Reminescent of Esturine

5

Gray medium to coarse sand few pebbles

6

Gray and dark gray sand and silt, heavily
mottled

Meters

6

sharp contact

Greenish-gray silt-clay

- base of a core section so contact not definite

Light gray medium sand

7

- Somewhat distinct, but core in poor condition

Gray interbedded ^{sandy} silt-clay and sand

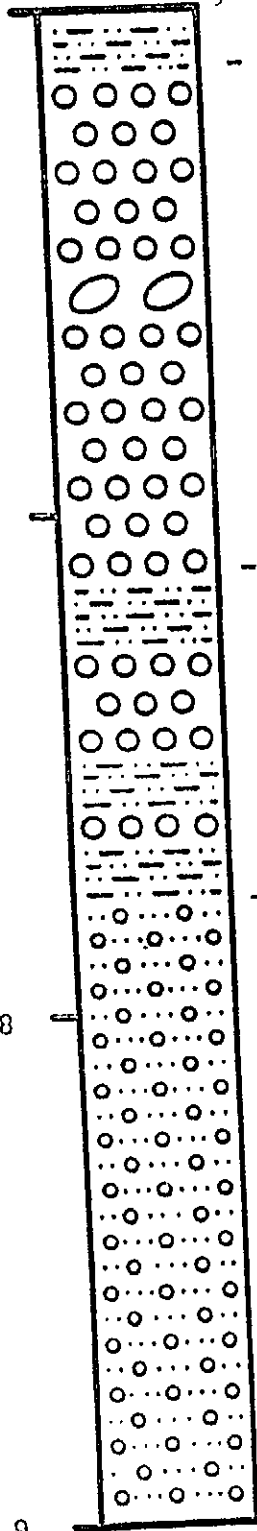
Lagoon

sharp contact

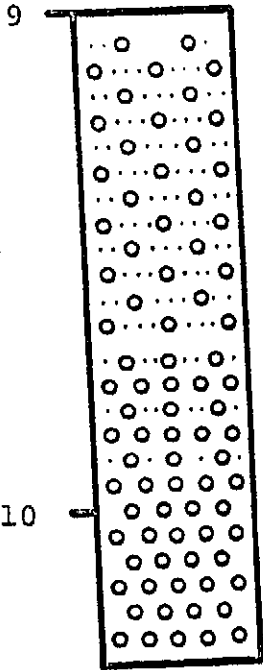
8

gray
Fine sand and silt, mottled

9



Meters



Fine sand and silt

- not very distinct

Silty fine sand grading into fine sand
strong green tint

Note: Brown organic color, white bleached sands, olive-yellow-orange throughout are all typical of the Pleistocene in Sussex Co.

Probably lagoonal sequence with back barrier sands dominant.

JCK-DNREC-K1

WATER DEPTH 12'
(UNCORRECTED)

[~ 2m Expansion
of core]

27097.9

42432.0

153 m

0-45 cm gray/brown ^{silty} fine sand, more mud in some layers than sand

gradational contact

sample 1

20 cm

45-75 cm gray 2.0 φ sand w/ heavy minerals
mica flakes are prevalent

gradational contact

sample 2

60 cm

does not appear to be structured

75-200 brown 2.0 - 1.0 φ sand w/ organics
sand coarser towards the bottom, possible burrows at 90 cm, sand also becomes cleaner at bottom, wood fragment at 90 cm. Bottom 155-200 cm all wood, est.

to be pine

sample 3

90 cm

sample 4

150 cm

200-250

(may be a continuation of the sand above the unit) gray/brown 2.0 φ coarsening downward to 1.0 φ sand, vertical stringer of silt, possible burrow, 220 cm

sharp contact

sample 5

210 cm

sample 6

240 cm

250-308

gray 3.5 φ homogeneous sand
dipping beds visible, heavy minerals
upper boundary - mud drape

dip in off-shore

sample 7

280 cm

sharp contact

308 - 360

light greenish gray, (Holocene lagoonal) the aquamarine is used in reference to Pleistocene (skeptical observation by the Pillar, Dan Collins)), ~~fine~~ mud and fine sand layers or burrows (large burrows) of a cosmic source. ~~sharp~~ sharp contact

325 - Samp 8
mud / small @
sands

360 - 431

gray med. sand fining downward w/ increasing structures, horizontal beds and heavy minerals,

oxidation 373 & 390

Samp 9 - 370

Silt Layer at bottom (.41cm)

Samp 10 - 425

431 - 442

tan/gray horizontally layered interbedded, ^{med.} sands and silt thin laminae

442 - 457

gray 2.5φ sand w/ heavy minerals coarsening downward to about 1.5φ sand horizontally layered at base, mottled towards top

457 - 470

interbedded gold and gray, sand and ^{silt} ~~mud~~ (respectfully), sands golden color from oxidation, beds are on the order of a half a centimeter

- 470-500 interbedded light gray and gray sands and sandy silts, horizontally ~~to~~ layered, 480-482 there occurs a black mica rich organic layer, pebble at 490 amongst sands
- 500-506 gray med-coarse sand and pebbles sands avg. .5 ϕ
- 506-600 gray and dark gray mottled silty to med. fine sands, appears to be reworked (more details in our upcoming issue)
- 600-610 light greenish gray mud with silt samp 11-530 cm
- 610-716 light gray 1.0 ϕ sand w/ heavy mineral layers, top 60 cm unstructured with pebbles at 660 cm., silty mud ball at 668 cm & 674 cm, horizontal layering below 685, towards base sands are interlayered w/ greenish gray silt samp 12 650 cm
Sands here also appear oxidized
- 716-725 gray mud w/ possible burrows filled with sand, some appear oxidized (sharp contact)
- 725-751 light gray grades to orange 2.0 ϕ sand w/ heavy mineral layers, layers are horizontal (sharp contact) samp 13 746 cm

751-776

interbedded dark gray mud and
20φ sand, layer of sand at 770
also contains pebbles, sharp contact Samp 14 760c

776-965

gray and dark gray 35φ sand
reminiscent of 5-6 m sands
(refer back), mottled (sharp contact) Samp 15 850c.

965-1030

here we have the great aqua-
marine motif you've been waiting
for, silty sand gradually becomes
more sandy Samp 16 980cm

Record description length and samples
Good job Dan and Reca