JMD-CNBB-02-79 Elevation 4.1 m (14')

METERS (Soil) EOLIAN 2 PALEOSOIL (EOLIAN?) OVERWASH AND/OR TIDAL CHANNEL TIDAL DELTA (grading) TIDAL CHANNEL LAGOON TIDAL DELTA

Lat. 38°34'23" Long. 75°05'06" 0.45 km W of DEL 357 on DEL 358, S side of road Bethany Beach. Del 7.5' Quadrangle (NW 1)

Brown M SAND with some organic material (roots) occasional VC SAND.

(Grading to lighter color)

Yellow M SAND with some humate staining VW sorted with some heavy minerals. Faint low angle laminations.

Mottled Orange and Brown Silty M SAND, Silt nodules (Kaolinite) abundant, Some low angle laminations (Grading)

White C SAND with granules and pebbles (chert), VP sorted in general with W sorted laminae of M SAND and occasional heavy mineral laminations*

(light Yellow & silty)

(Pebbles and Silt balls (Kaolinite))

(M SAND)

(M to C SAND) *Unit generally organized in 10-70 cm thick fining upward sets with gravel or coarse sand at base and fine sand at top, with some laminations throughout. Sharp contacts between sets.

(Several fining upward sequences)

SILT-CLAY LAYER

M to F SAND with abundant heavy minerals