

Core ID: BH15-RC03

Latitude: 39.52978

Elevation: 0.83 m

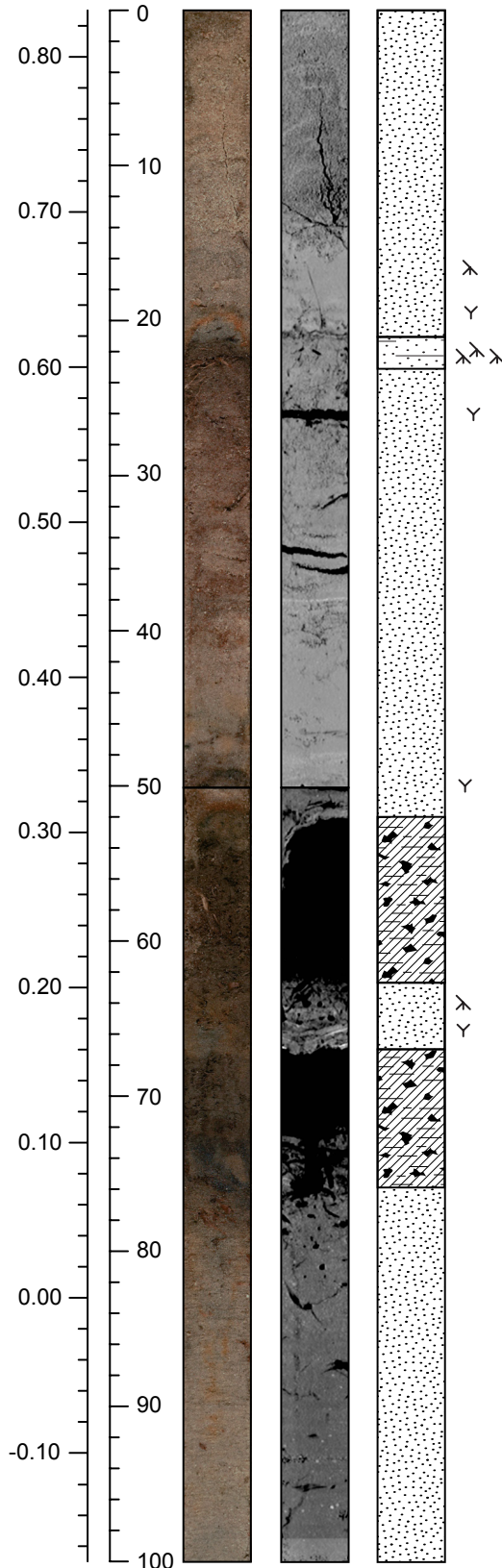
Longitude: -74.26998

Core Length: 100 cm (combined)

Location: Overwash deposit, Long Beach Island, NJ (transect 2)

Elevation (m)
Depth (cm)
Core Photograph
Core X-Ray
Lithology

Lithologic Description



0 - 21 cm: SAND, light gray (2.5Y 7/2), well-sorted, sub-round, non-laminated, medium sand grading to fine sand at the bottom. Root and leaf fragments present in bottom 4 cm.

21 - 23 cm: Muddy SAND, dark grayish-brown 10 YR 5/2), moderately well-sorted, sub-round, non-laminated, medium-coarse sand with some mud. Root mat present.

23 - 52 cm: SAND, grayish-brown (10YR 5/2), moderately well-sorted, sub-round, non-laminated, medium-coarse sand. Organic matter decreases down section until 49 cm where organic matter content begins to increase again. Color grades to light gray (10YR 7/1) then back to grayish-brown (10YR 5/2) with organic matter content.

52 - 62.5 cm: Sandy PEAT, very dark grayish-brown (10YR 3/2). Sand is well sorted, sub-round, fine sand.

62.5 - 67 cm: SAND, gray (GLEY 5/N), well-sorted, sub-round, non-laminated very fine-fine sand. Very sharp contact with peat below. Roots and grasses present throughout.

67 - 76 cm: PEAT, very dark grayish-brown (10YR 3/2), grading from muddy peat at the top to sandy peat at the bottom. Sand is medium grained, well-sorted, sub-round.

76- 100 cm: SAND, light gray (GLEY1 7/N), well-sorted, sub-round, medium sand. Roots present from peat above. Grades to a clean sand at the bottom with no organic matter.