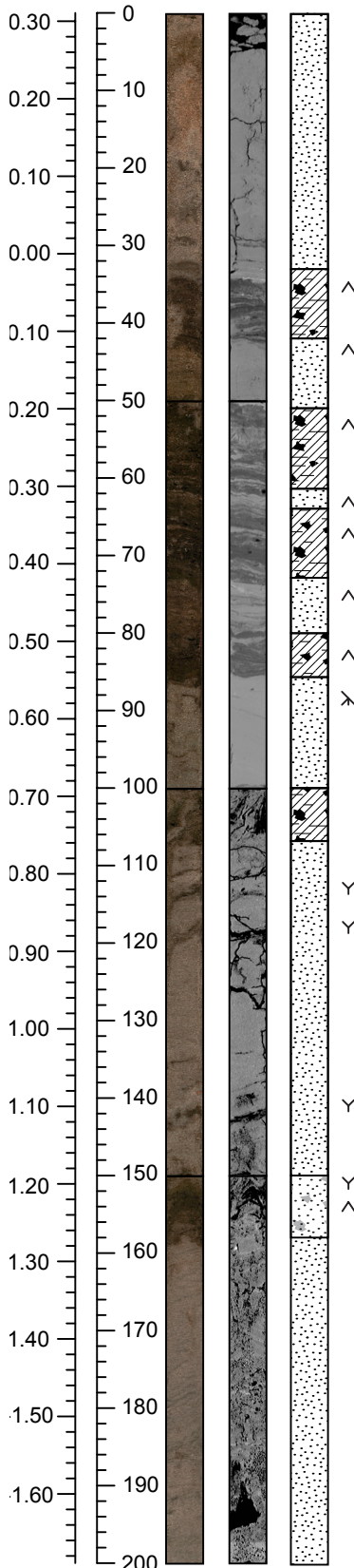


Core ID: BH15-RC06**Latitude:** 39.51462**Elevation:** 0.31 m**Longitude:** -74.28421**Core Length:** 200 cm (combined)**Location:** Core from pond bottom, Long Beach Island, NJ

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

Lithologic Description

0 - 33 cm: SAND, light gray (10YR 7/1), well-sorted, sub-round, non-laminated, medium sand.

33 - 42 cm: PEAT, very dark gray (10YR 3/2), sandy peat with some mud present. Very small (~ 1 mm diameter) shell fragments present. Sand is well-sorted, sub-round, medium size.

42 - 51 cm: SAND, grayish-brown (10YR 5/2), well-sorted, sub-round, non-laminated, medium sand. Very small (~ 1 mm diameter) shell fragments present.

51 - 61.5 cm: PEAT, very dark gray (10YR 3/1), sandy peat with some mud present. Very small (~ 1 mm diameter) shell fragments present. Sand is well-sorted, sub-round, medium size.

61.5 - 64 cm: SAND, grayish-brown (10YR 5/2), well-sorted, sub-round, non-laminated, medium sand. Very small (~ 1 mm diameter) shell fragments present.

64 - 72.5 cm: PEAT, very dark gray (10YR 3/1), muddy peat with ~10% well-sorted, sub-round, fine sand. Very small (~ 1 mm diameter) shell fragments present.

72.5 - 80 cm: SAND, grayish brown (10YR 5/2), well-sorted, sub-round, non-laminated, medium sand. Very small (~ 1mm diameter) shell fragments present.

80 - 86 cm: PEAT, very dark gray (10YR 3/1), muddy peat with ~10% well-sorted, sub-round, fine sand. Very small (~ 1 mm diameter) shell fragments present.

86 - 100 cm: SAND, light gray (GLEY1 7/N), well-sorted, sub-round, non-laminated, medium sand. Roots present in top 2 cm of unit.

100 - 107 cm: PEAT, very dark gray (10YR 3/1), sandy peat with some mud present. Very small (~ 1 mm diameter) shell fragments present. Sand is well-sorted, sub-round, medium size.

107 - 150 cm: SAND, light gray (10YR 7/1), well-sorted, sub-round, non-laminated, medium sand. Lenses ~ 5-10 mm thick of dark, organic-rich sand occur at 113, 118, and 140 cm.

150 - 158 cm: organic-rich SAND, very dark gray (10YR 3/1), well-sorted, sub-round, non-laminated, fine sand. Mud, grass, roots, and small (~ 1 mm diameter) shell fragments present.

158 - 200 cm: SAND, light gray (GLEY1 7/N), well-sorted, sub-round, medium sand. Occasional, faint, 1-2 mm thick, sub-horizontal dark-mineral laminations visible in the core photograph.