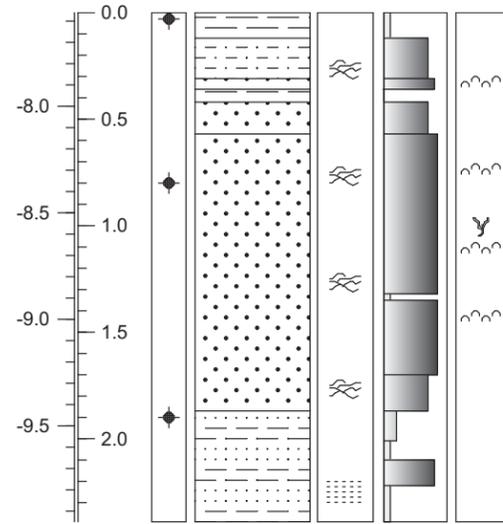


Elevation (m Water Depth)
 Depth in Core Barrel (m)
 Sample Depth
 Lithology
 Bedding & Deformation
 % Sand Content
 Features

CORE ID: 10CCT05-19

LOCATION: Horn Is. Pass, Southwest of Petit Bois Is.
LATITUDE: 30.20816 **LONGITUDE:** -88.53863
DATE CORED: 08/20/2010 **WATER DEPTH (m):** 7.56
CORE LENGTH (m): 2.39



0 - 0.12 m: MUD, very dark gray/black, soft, massive, organic rich mud, with small organic (peat) clasts throughout

0.12 - 0.31 m: MUDDY SAND, dark grayish-green, shelly, muddy sand, with black organic rich mud clasts, and a dense, fragmented shell horizon at basal contact

0.31 - 0.36 m: SAND, grayish-green, well-sorted, fine-grained, slightly muddy sand, with minimal scattered shell fragments

0.36 - 0.42 m: CLAY, olive-gray, dense, horizontally laminated, clean clay

0.42 - 0.57 m: SAND, grayish-green, well-sorted, fine-grained quartz sand, with olive-gray clay lenses and thin horizons throughout

0.57 - 1.87 m: SAND, light grayish-brown, moderately-sorted, fine-to medium-grained quartz sand, with moderate disseminated shell hash, and dense shell hash horizons at 0.70, 1.07, and 1.40 m, shell horizon at 1.07 m contains small phosphate nodules and fragmented biogenic debris, olive-gray clay lenses (burrows) throughout, and a dense clay horizon from 1.32 to 1.36 m

1.87 - 2.39 m: CLAY and SAND, olive-gray, dense, thick, horizontally laminated clay, with sand filled burrows interbedded with light grayish-brown, well-sorted, fine-grained quartz sand with minimal disseminated shell fragments

