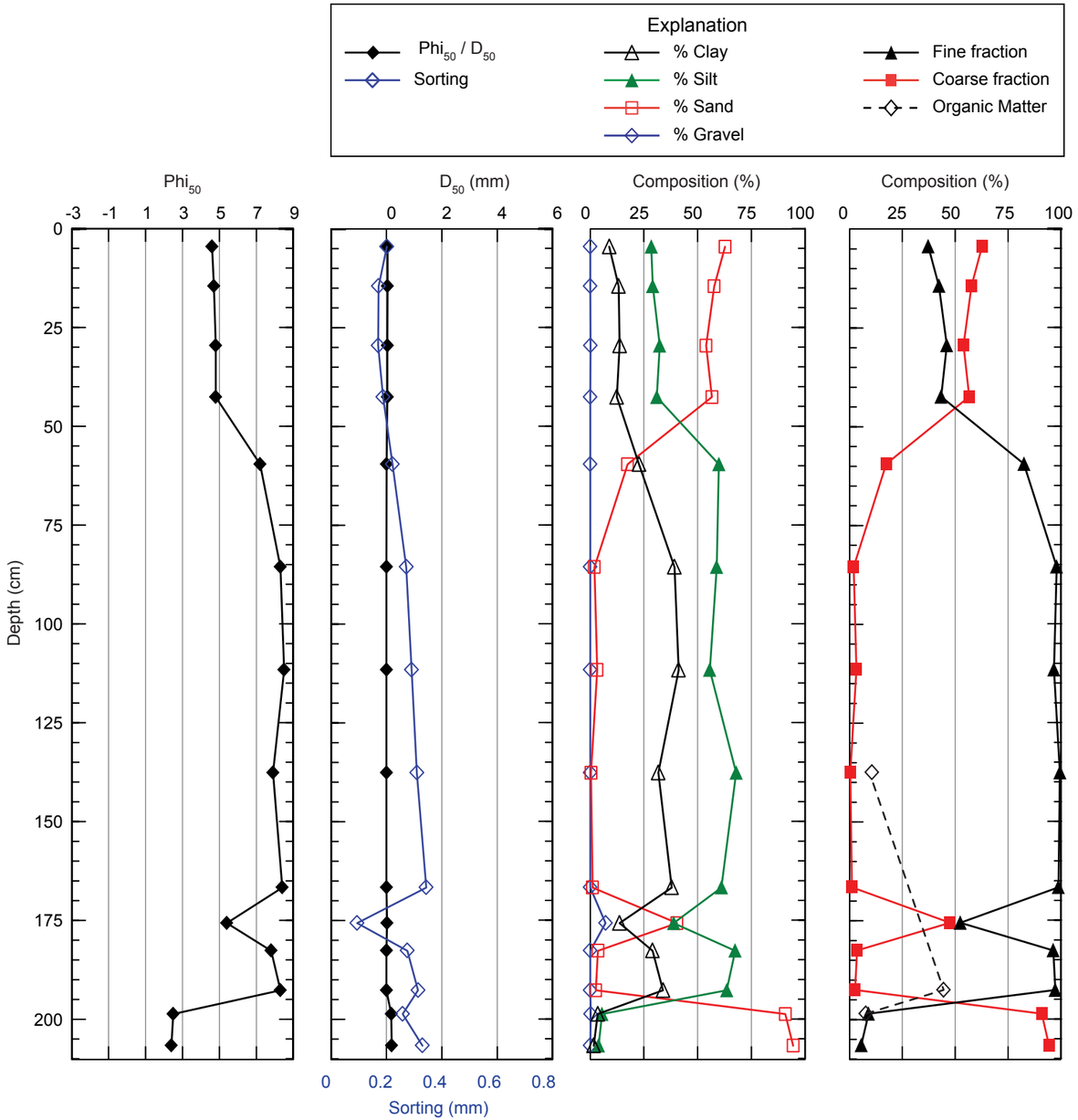
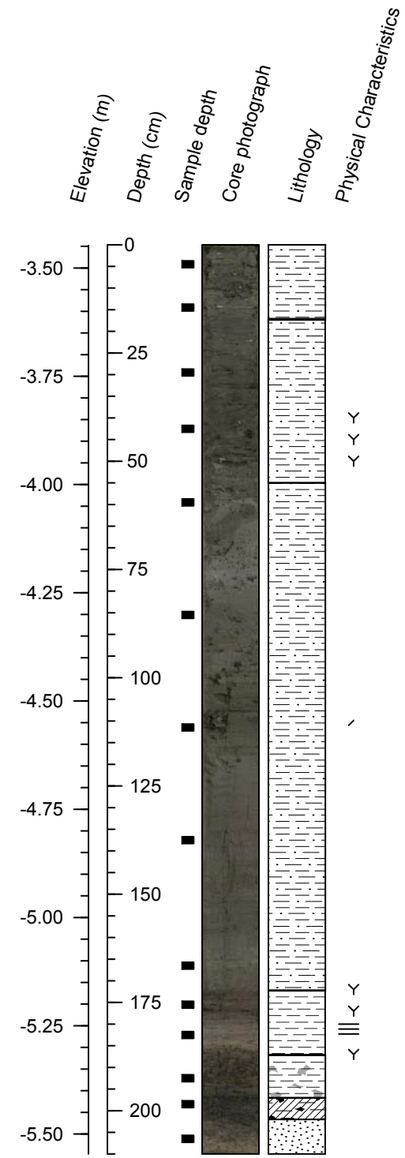
Core ID: SPCMSC-08



Core ID: SPCMSC-08



Latitude: 39.82818 N **Elevation:** -3.45 m

Longitude: 74.13942 W **Core Length:** 210 cm

Location: Barnegat Bay - W Mouth Forked River

Lithologic Description

0 - 17 cm: MUD, mottled very dark gray (Gley 1 3/N) silty mud, with moderate disseminated shell fragments and occasional small organic flecks

17 - 55 cm: MUD, mottled, black (Gley N 2.5/N), organic-poor silty mud, with silty lenses and scattered shell fragments

55 - 172 cm: SILTY CLAY, dark gray (10 YR 4/1) silty clay, with lenses of soft, clean clay, abundant disseminated organic fragments, occasional woody fragments, and a large woody clast at 111 cm; organic content decreases down-core

172 - 187 cm: CLAY, faintly laminated dark gray (2.5 Y 4/1) clay interbedded with dark grayish-brown (2.5 Y 4/2) organic-rich clay

187 - 197 cm: ORGANIC-RICH CLAY, very dark brown (10 YR 2/2) organic-rich clay, with abundant very dark brown to black peaty clasts and a thin, orangish organic horizon from 93-94 cm; organic content increases down-core

197 - 202 cm: PEAT, black (10 YR 2/1) hemic peat

202 - 210 cm: SAND, gray (5 Y 5/1), well sorted, medium-grained sand with dark gray organic sand lenses at upper contact