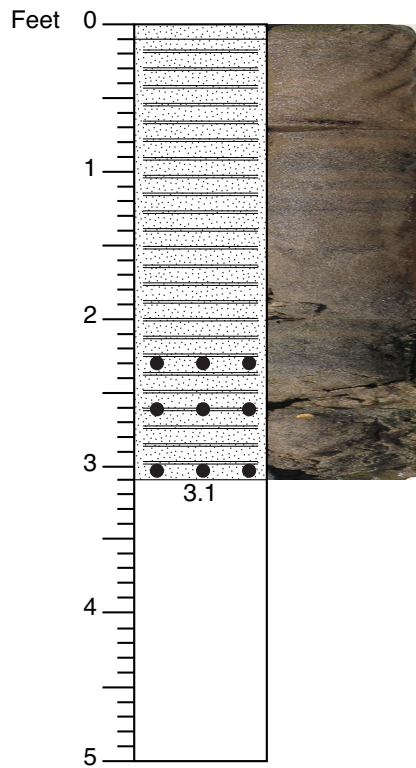


SAND, medium to coarse; 2% ohm; fill?; 10YR 5/1

SAND; well sorted, medium, 1% ohm; 10 YR 7/2 light gray

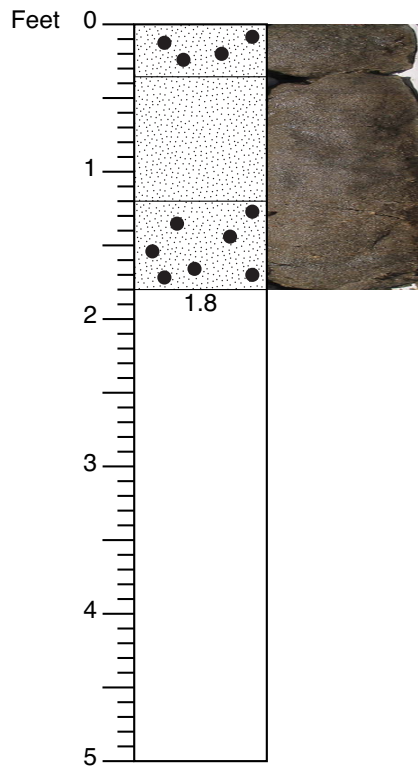
SH-SS Core #1
Start depth: 0 ft
Stop depth: 5 ft
Recovery (ft): 1.9
Date: 5/18/14
Described by: KGM, KEB, MCF



SAND; greenish, silty

SAND; medium to coarse, dark mineral banding in sands below 0.8 ft; 0.7 ft: red/brown algae or plant debris; beds of very coarse sand with pebbles at 2.3, 2.6, 3 ft

SH-SS Core #2
Start depth: 5 ft
Stop depth: 10 ft
Recovery (ft): 3.1
Date: 5/18/14
Described by: SCW, KGM

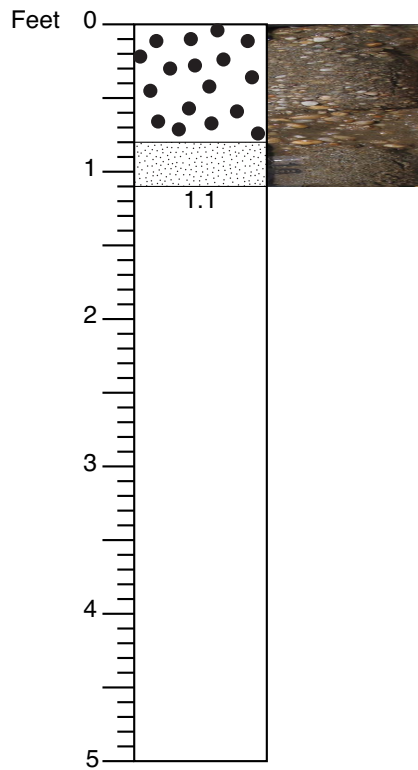


SAND; very coarse sand and granules throughout

SAND; medium to coarse; with black minerals; sub-rounded to rounded; 0-0.3 ft: reddish pebble

SAND; very coarse sand and granules throughout

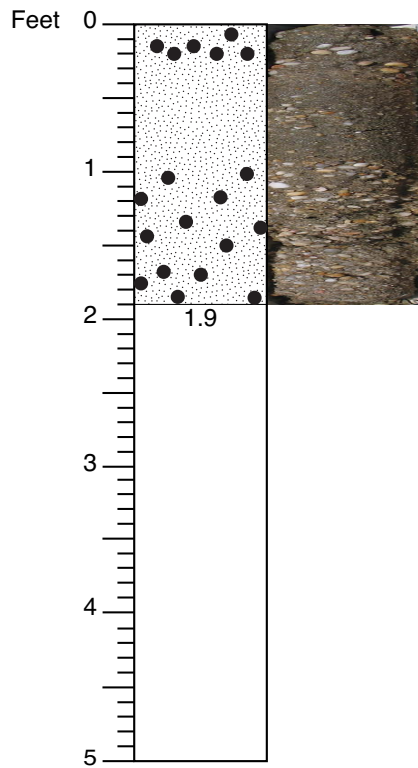
SH-SS Core #3
Start depth: 10 ft
Stop depth: 15 ft
Recovery (ft): 1.8
Date: 5/18/14
Described by: SCW



GRAVEL; with very coarse sand, pebbles are quartz and rounded; larger pebbles at top and base of gravel

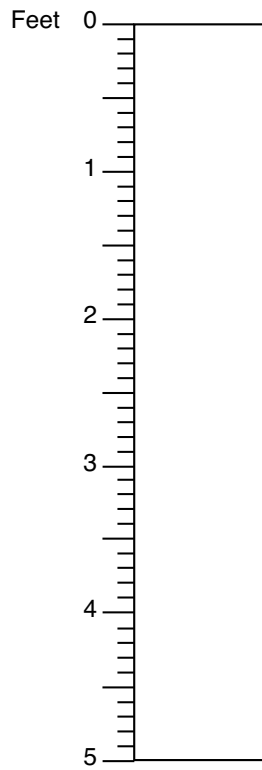
SAND; coarse with granules

SH-SS Core #4
Start depth: 15 ft
Stop depth: 20 ft
Recovery (ft): 1.1
Date: 5/18/14
Described by: SCW



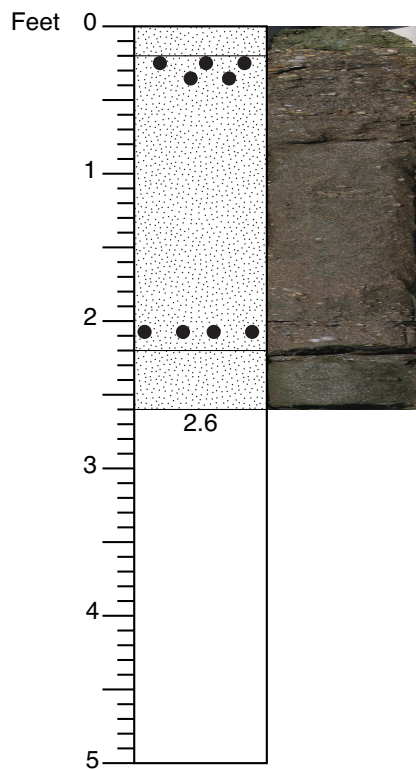
SAND, gravel and pebbles (average size 3-5 mm thick); rounded, quartz, some dark minerals; 0-0.3 ft: pebbly; 0.3-0.9 ft: sandier; 0.9-1.9 ft: more granule rich

SH-SS Core #5
Start depth: 20 ft
Stop depth: 25 ft
Recovery (ft): 1.9
Date: 5/18/14
Described by: SCW



No recovery

SH-SS Core #6
Start depth: 25 ft
Stop depth: 30 ft
Recovery (ft): 0
Date: 5/18/14
Described by: SCW

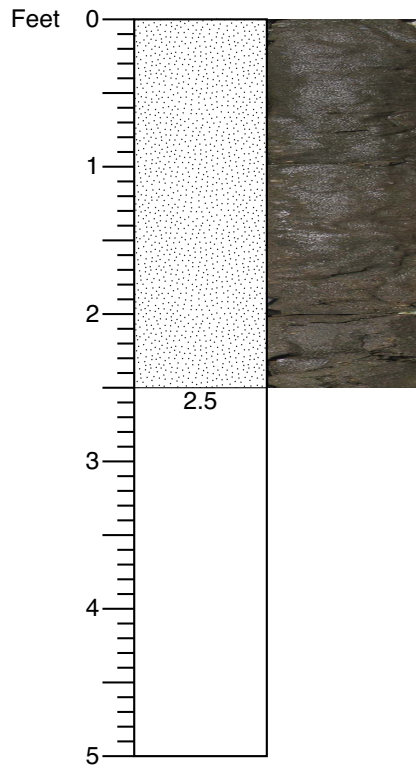


SAND; medium, quartz; with green clay; 10Y 5/4 light olive

SAND; medium to coarse; "dirty," with granules; some ohms; olive gray 5Y 4/2

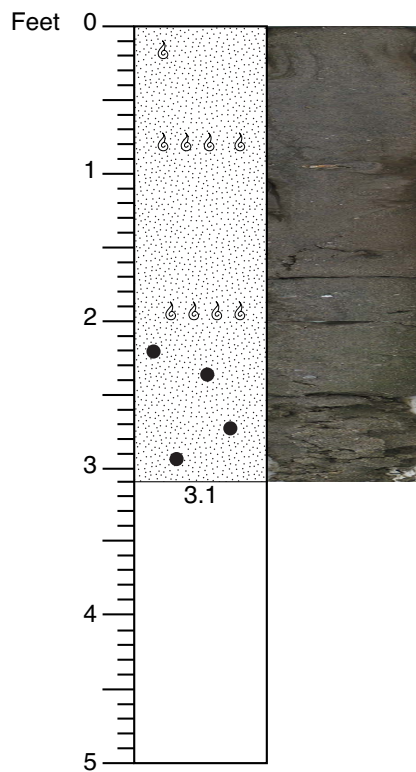
SAND; medium; quartz; with greenish clay; 10Y 4/2 dark grayish olive

SH-SS CORE #7
Start depth: 30 ft
Stop depth: 35 ft
Recovery (ft): 2.6
Date: 5/18/14
Described by: SCW



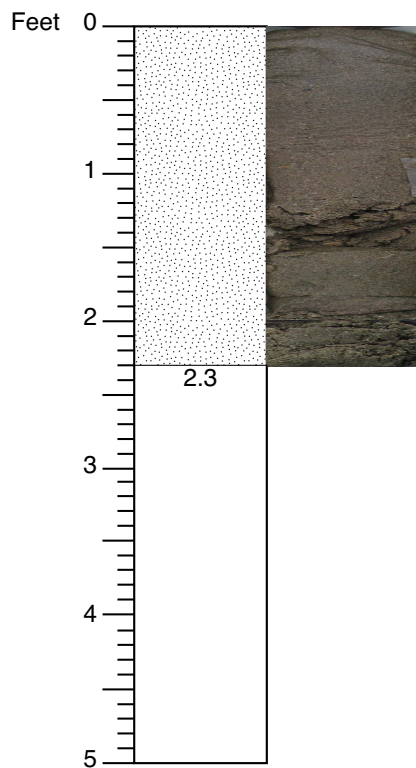
SAND; medium to coarse and very coarse; with ohms; few rounded quartz granules (~2 mm) at 2 ft; 5Y 4/2 olive gray

SH-SS Core #8
Start depth: 35 ft
Stop depth: 40 ft
Recovery (ft): 2.5
Date: 5/18/14
Described by: SCW



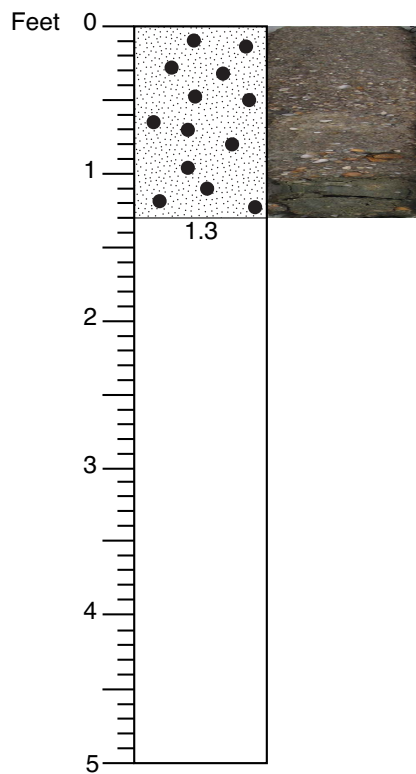
SAND; medium to coarse; with ohms; 5Y 5/2 olive gray; granule content increases toward base where sands are greener (10Y 5/2 greenish olive); shells are bivalves (oyster/clams), most pieces are ~0.5-1 cm in size; mother of pearl is still visible on some fragments; 0.0-0.1 ft: shell fragments; 0.8 ft: lighter sand; 1.1 ft: shell bed; 1.7-1.9 ft: lighter sand; 1.9 ft: shell bed; 2.1-3.1 ft: greener sand with granules

SH-SS Core #9
Start depth: 40 ft
Stop depth: 45 ft
Recovery (ft): 3.1
Date: 5/18/14
Described by: SCW



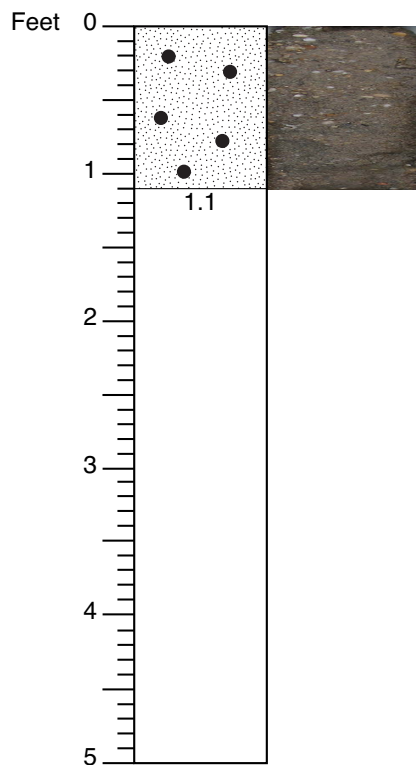
SAND; medium to very coarse, with some granules (most quartz some feldspar) throughout; sands are sub-rounded and moderately sorted; 5Y 4/2 olive gray

SH-SS Core #10
Start depth: 45 ft
Stop depth: 50 ft
Recovery (ft): 2.3
Date: 5/18/14
Described by: SCW



SAND; medium to coarse and very coarse; with ohms; lots of granules (up to ~1 cm) granule lithology is mixed; sub-rounded quartz with lithics (sandstone pebble); some feldspar and shell fragments; base is greener in color with more medium sand; 0.5 ft: granule rich layer above light colored sand bed; 0.6-0.7 ft: light sand; color: main: 2.5Y 6/1 gray to 2.5Y 6/2 is light brownish gray; bottom 0.3 ft: 5GY 5/2 grayish green

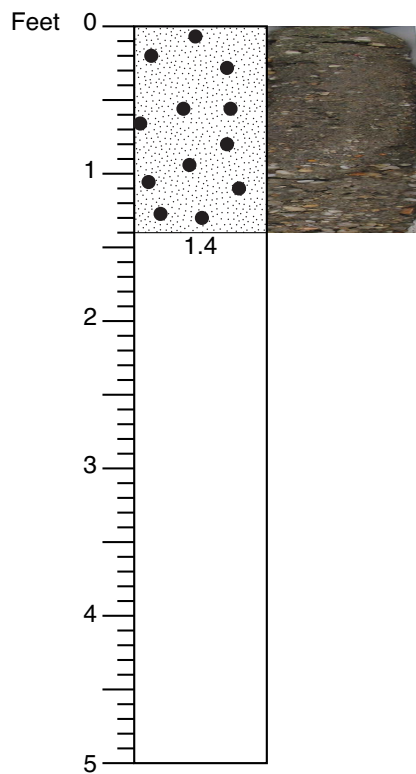
SH-SS Core #11
Start depth: 50 ft
Stop depth: 55 ft
Recovery (ft): 1.3
Date: 5/18/14
Described by: SCW



SAND; medium to coarse, with ohms and lots of granules;
coal caved from surface; 5Y 4/2 olive gray

Core barrel sandlocked on this run (Core 11 and 12)

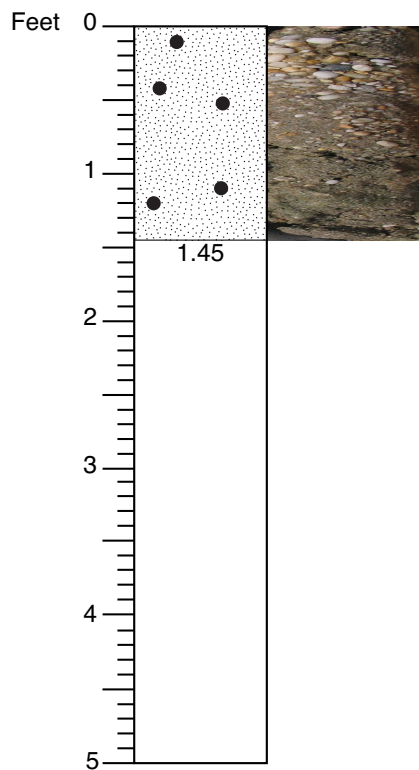
SH-SS Core #12
Start depth: 55 ft
Stop depth: 60 ft
Recovery (ft): 1.1
Date: 5/18/14
Described by: SCW



SAND, gravely, granuliferous, coarse to very coarse; few percent ohms; pebbles on outside of core 2.5Y 6/1 gray

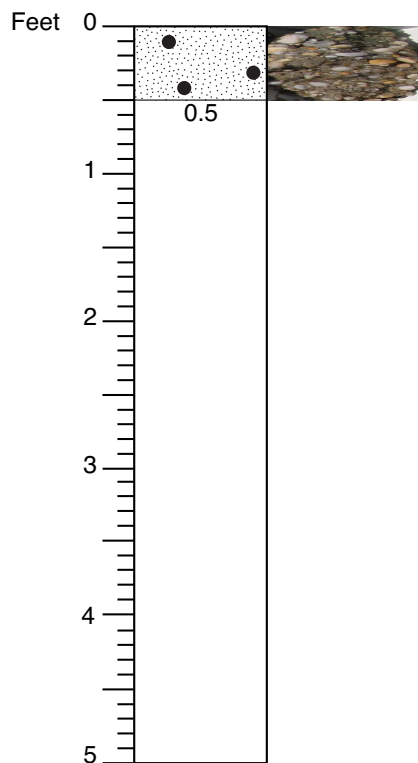
Caved gravel at top

SH-SS Core #13
Start depth: 60 ft
Stop depth: 65 ft
Recovery (ft): 1.4
Date: 5/18/14
Described by: KGM



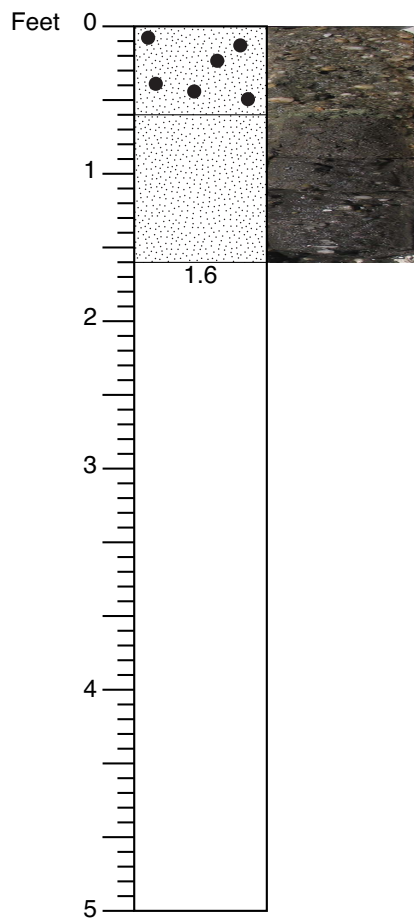
SAND, coarse, granular pebbly; some ohms; pebbles and granules in core, but are concentrated on surface especially the top 0.6 ft; pebbles are rounded quartz; faint greenish tinge inside core; 2.5Y 6/1 gray

SH-SS Core #14
Start depth: 65 ft
Stop depth: 70 ft
Recovery (ft): 1.45
Date: 5/19/14
Described by: KGM, CSJ, MCF



SAND; coarse, granular, pebbly; rounded pebbles, rounded to subrounded sand grains; quartz; some oolite; pebbles and granules in core but concentrated on surface especially middle 0.2 ft; faint greenish tinge inside core; 2.5Y 6/1 gray

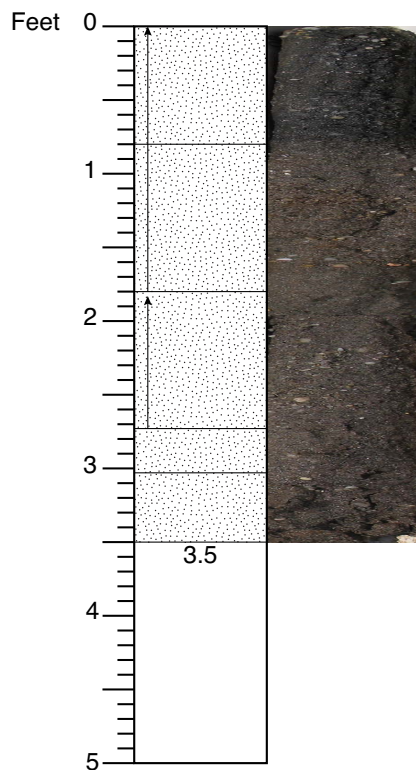
SH-SS Core #15
Start depth: 70 ft
Stop depth: 75 ft
Recovery (ft): 0.5
Date: 5/19/14
Described by: CSJ, MCF



SAND; coarse to very coarse, gravely, pebbly, greenish clay; quartz; rounded, shell fragments, some ohm; 2.5Y 6/1

SAND; slightly clayey, silty; small shell fragments; medium to very fine some ohm; greenish clay: Gley 1 4/10 GY; clayey silt sand: Gley 1 3/10 GY to N3 gray

SH-SS Core #16
Start depth: 75 ft
Stop depth: 80 ft
Recovery (ft): 1.6
Date: 5/19/14
Described by: CSJ, MJF, KGM



SAND; slightly clayey, slightly silty; common shell fragments throughout core; ?ohms N3 very dark gray

SAND; coarse to very coarse; ~2% ohms; 10YR 5/1 gray

SAND; medium; ~2% ohms

SAND; coarse; ~2% ohms

SAND; medium to coarse; ~2% ohms

SH-SS Core #17

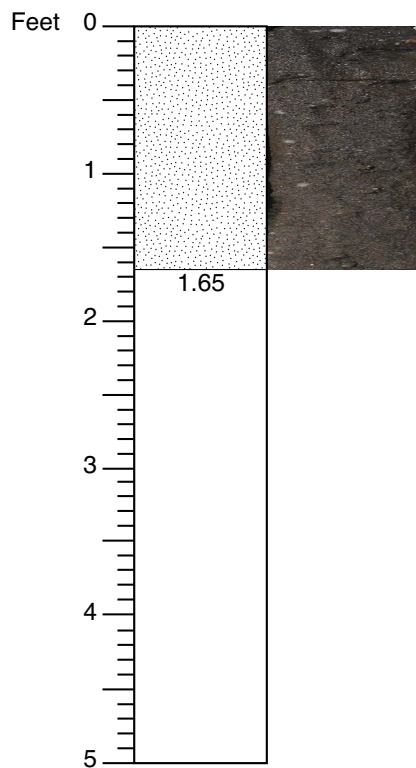
Start depth: 80 ft

Stop depth: 85 ft

Recovery (ft): 3.5

Date: 5/19/14

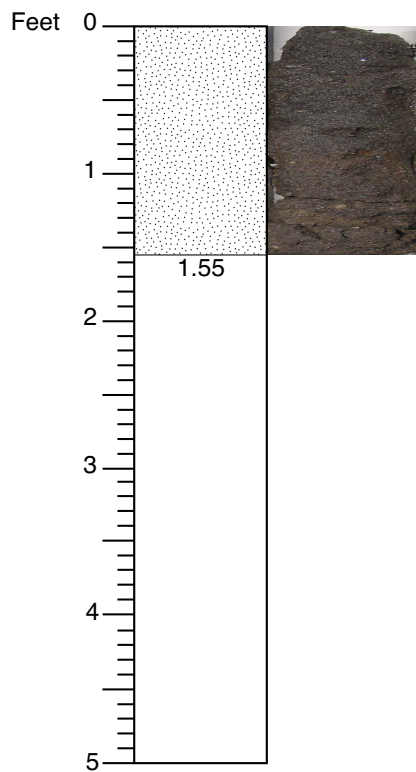
Described by: CSJ, MCF, JNS, SDS



SAND, medium-to-coarse; dark gray to gray; sand is quartz with some lithics (red and gray sandstone and siltstone); ohms; slightly micaceous a few shell fragments; a few fine quartz pebbles; 10YR 5/1 gray

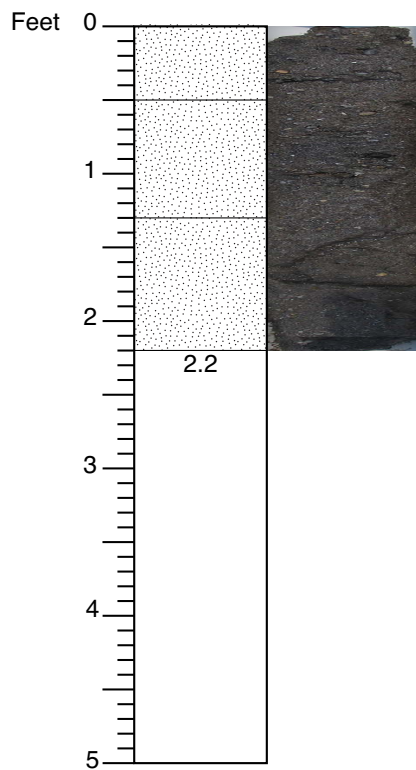
pebbles on outside of core, interpreted to have been caved, were discarded

SH-SS Core #18
Start depth: 85 ft
Stop depth: 90 ft
Recovery (ft): 1.65
Date: 5/19/14
Described by: SDS, KGM



SAND; coarse, some medium, 2% pebbly quartz, 5% ohms, rounded, moderately well to well sorted no shell fragments, no green hue; 10YR 5/1

SH-SS CORE #19
Start depth: 90 ft
Stop depth: 95 ft
Recovery (ft): 1.55
Date: 5/19/14
Described by: CSJ, SDS

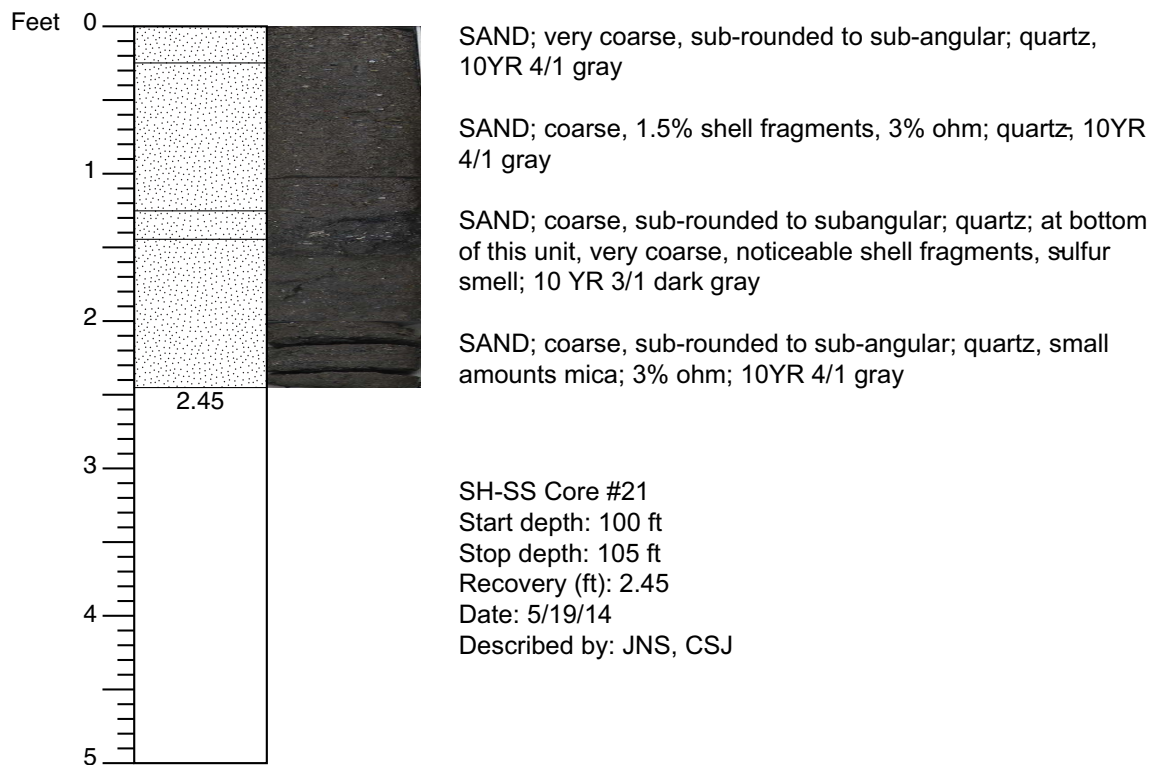


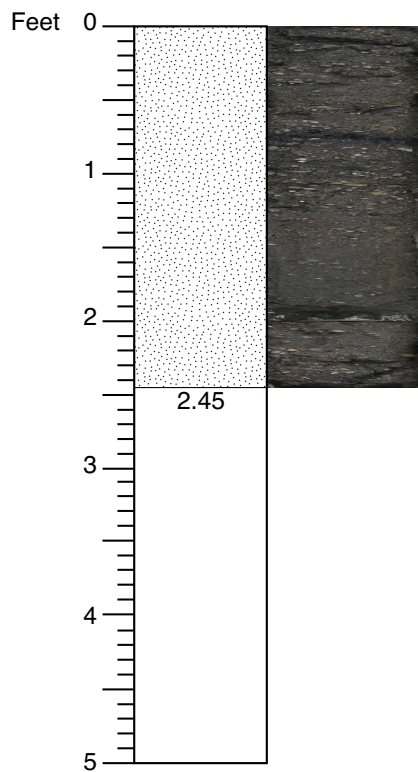
SAND; Coarse, rounded; granules 2%, quartz, shell fragments; ~5% ohm; 10YR 4/1

SAND; very coarse, rounded, granules 5%, quartz, shell fragments; ~7% ohm, some large ~9 mm, sub- rounded; 10YR 3/1

SAND; coarse, rounded, quartz; granules (~2%); shell fragments; ~5% ohm; 10YR 4/1

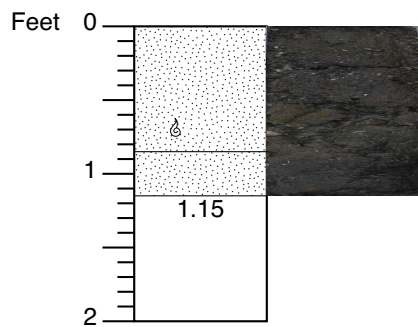
SH-SS Core #20
Start depth: 95 ft
Stop depth: 100 ft
Recovery (ft): 2.2
Date: 5/19/14
Described by: CSJ, SDS





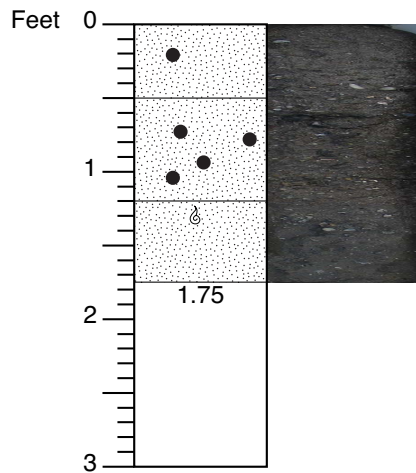
SAND; alternating layers of coarse and very coarse, ~5% granules; quartz; subangular; organic rich band at 105.8-105.9 (no sulfur smell); abundant shell fragments (3-4% higher around organic bands), some as large as ~2 mm, possible organic layer at ~105.6 ft; ~2% ohm, no mica; 10YR 4/1, organic bands: 10YR 2/1

SH-SS Core #22
Start depth: 105 ft
Stop depth: 110 ft
Recovery (ft): 2.45
Date: 5/19/14
Described by: CSJ, JNS



SAND; coarse, granules 1%, moderate sorting; subrounded to subangular; <1% fine mica; shell fragments ~1% (increased abundance toward base); 0.95 ft: whole gastropod, 3% ohm; 0.85 to 1.15 ft unconsolidated mess from shoe, could be artifact from shoe; 10YR 3/1- top; 10YR 2/1- unconsolidated base

SH-SS Core #23
Start depth: 110 ft
Stop depth: 112 ft
Recovery (ft): 1.15
Date: 5/19/14
Described by: CSJ, JNS

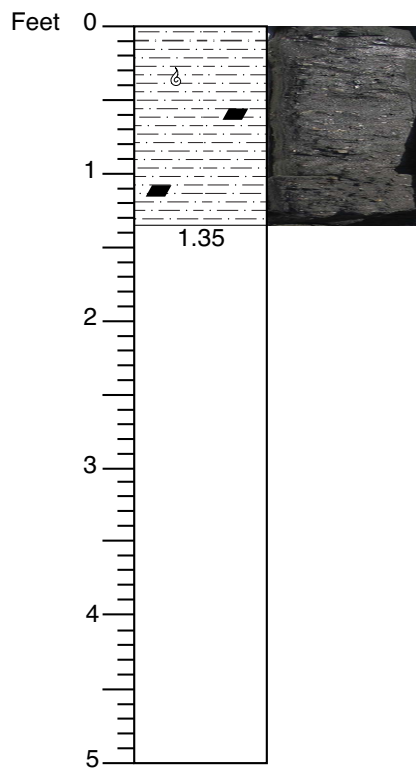


SAND; coarse; quartz, subrounded to subangular; ~1% rounded 2-4 mm granules; ~1-2% fine shell fragments; 2.2 ft: whole bivalve; 10YR 3/1

SAND; coarse; quartz, subangular to subrounded, organic/hematite concentrated quartz clasts; <1% micas up to 2 mm; 2% shell fragments up to 3 mm; 10YR 3/1

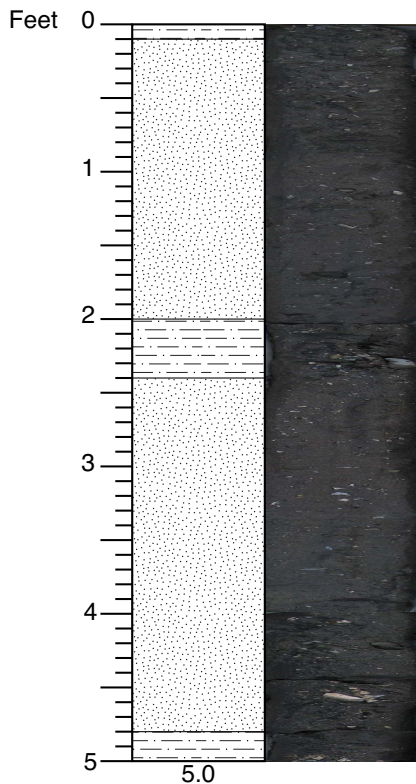
SAND; medium, subrounded; quartz; 3% shell fragments; no mica; 3-5% silty

SH-SS Core #24
Start depth: 112 ft
Stop depth: 115 ft
Recovery (ft): 1.75
Date: 5/19/14
Described by: CSJ, JNS, SDS



SAND; medium to fine, poorly sorted, (sand: 60%, silt: 40%);
<1% granules (quartz); ~1% ohm; ~5% shell fragments, claw
parts at 0.9 ft, shattered barnacle at 0.45 ft; 1% organics;
good echinoderm spine at 1.2 ft; this may be the blue clay;
2.5Y 3/1

SH-SS Core #25
Start depth: 115 ft
Stop depth: 120 ft
Recovery (ft): 1.35
Date: 5/19/14
Described by: CSJ, JNS



SAND; very fine, subrounded, silty (60% sand, 40% silt); quartz, 3% shell fragments, 3% ohm (fine); 10 YR 4/1

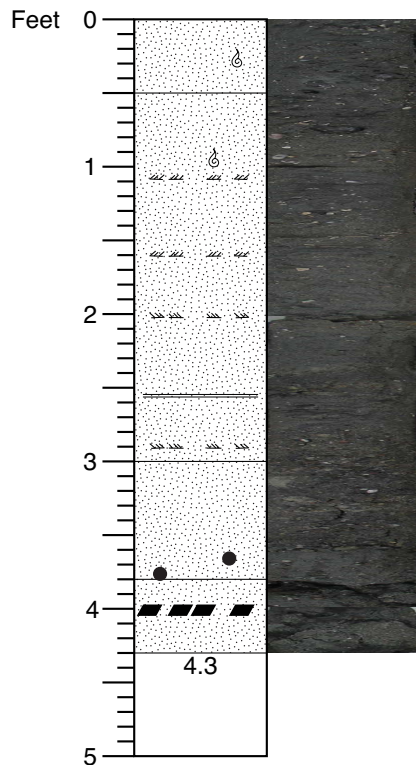
SAND; fine (70%), medium (30%); 3% shell fragments; subangular to subrounded; 10YR 4/1

SAND; medium to fine (60%), silt (40%); subangular; many shell fragments (~5%) whole gastropods and bivalves; intact organics

SAND; medium, quartz, subangular; shell fragments 1%;
122.4-123.4 ft: red hue, 123.4-124.8 ft: brown hue

SAND; fine (60%), silt (40%); possible clay; 2% shell fragments;
color for entire run: 10YR 3/1 very dark gray

SH-SS Core #26
Start depth: 120 ft
Stop depth: 125 ft
Recovery (ft): 5.0
Date: 5/19/14
Described by: CSJ, JNS



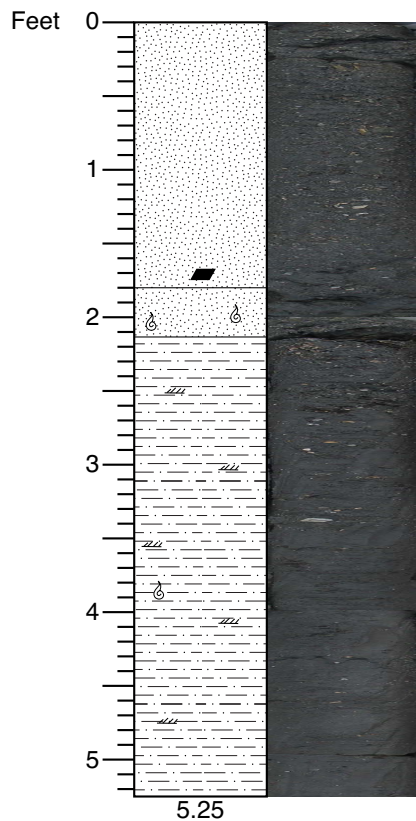
SAND; clayey; grading to sandy clay; large shell

SAND; clayey silty; bidirectional cross-bedding; 15 mm thick beds; large shell at 1.0 ft; muddy lamina at 2.5 ft

SAND; coarse, granules, mud chips

SAND; medium; disseminated wood, wood fragment (2.5 cm) at 4 ft; bidirectional cross beds indicate tidal environment; 10YR 3/1 very dark gray; very cool core

SH-SS Core #27
Start depth: 125 ft
Stop depth: 130 ft
Recovery (ft): 4.3
Date: 5/19/14
Described by: KM

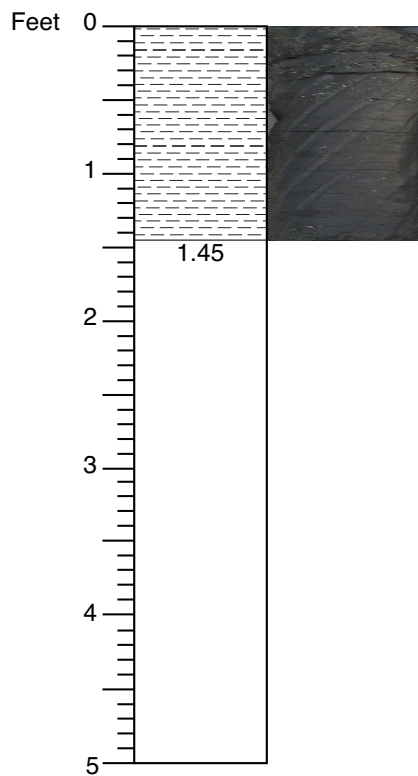


SAND; coarse (50%) to very coarse (50%); sub-angular; poorly sorted; quartz, <1% organics (fine), shell fragments; 1.5 ft: lithified clay clasts with shell fragments? strong sulfur smell; 10YR 4/1 dark gray

SAND; shell concentration 10YR 4/1 dark gray

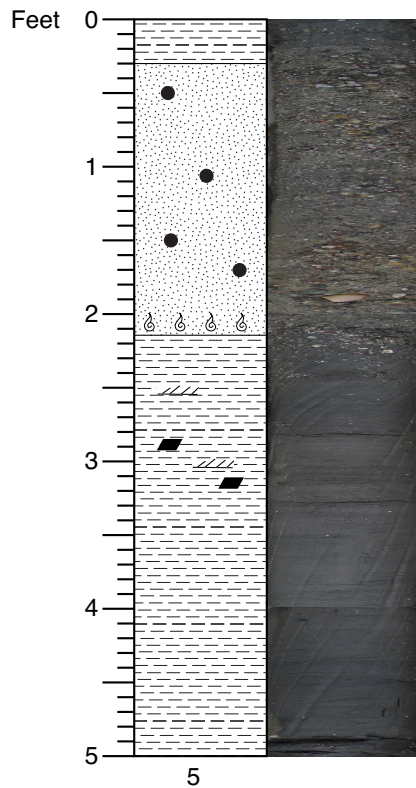
SILT; slightly sandy, clayey, with thin sand laminae, fines down section to clay; thin lignitic laminae interbeds 3.2-3.5 ft, lignite concentration at 2.3 ft, shell fragments; nearly unidirectional cross beds; 10YR 2/1 Black

SH-SS Core #28
Start depth: 130 ft
Stop depth: 135 ft
Recovery (ft): 5.25
Date: 5/19/14
Described by: CJ, KM



CLAY; Very slight sandy, silty; quartz grains <1%; tight clay, very fine micas, very low shell concentration (most fragments on exterior are cave ins); faintly laminated; top 0.3 ft is covered in cave-in granules; 10YR 3/1 very dark gray

SH-SS Core #29
Start depth: 135 ft
Stop depth: 140 ft
Recovery (ft): 1.45
Date: 5/19/14
Described by: CSJ, KGM

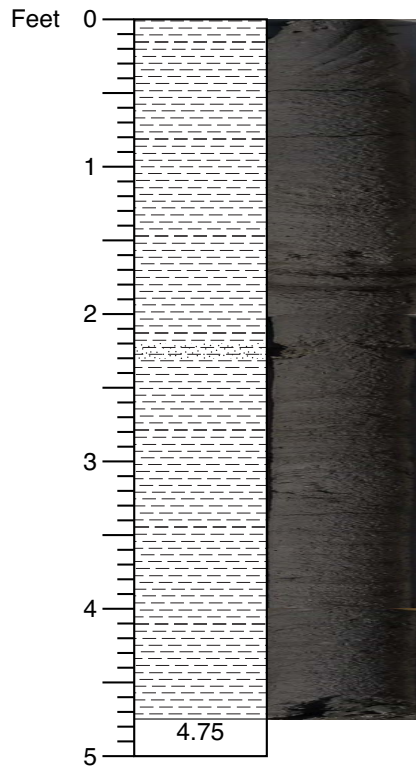


CLAY

SAND; slight muddy, granular, common Newark Basin lithics, ?basalt fragment; 2.15 ft shell concentration; 10 YR 5/1 gray

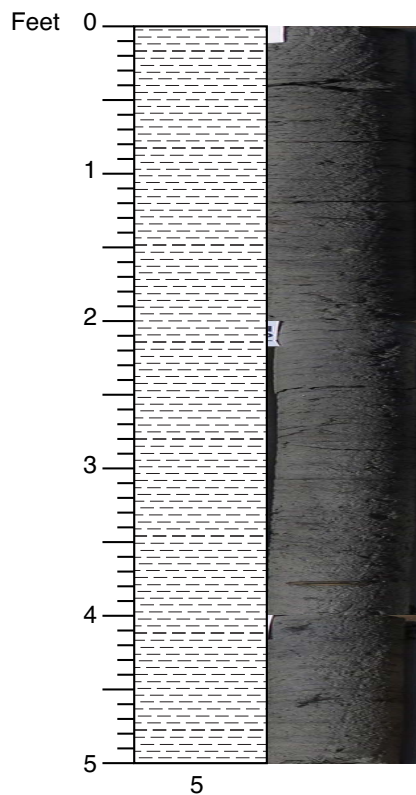
CLAY; slightly silty, with thin silty clay laminate; scattered sand; shell fragments appear on outside; organic-rich laminae; laminated to cross laminated; N4 dark gray

SH-SS Core #30
Start depth: 140 ft
Stop depth: 145 ft
Recovery (ft): 5.0
Date: 5/19/14
Described by: KGM



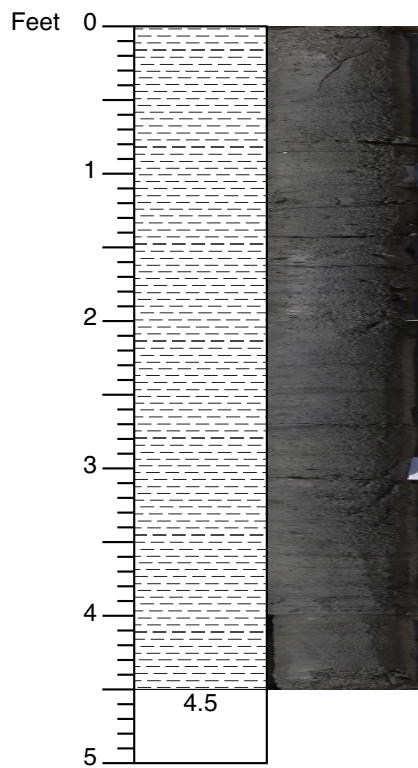
CLAY, no evident silt or sand sized particles; thin laminae of organic material; cross laminae at 3.65-4.75 ft; concentrated organic bands at 1.65-1.7 ft and 1.75- 1.8 ft;; each has a sulfur smell; very fine grain present; some caved granules at the top and bottom; medium sand band from 2.2-2.3 ft; blue clay?; Gley 1 N3 very dark gray

SH-SS Core #31
Start depth: 145 ft
Stop depth: 150 ft
Recovery (ft): 4.75
Date: 5/20/14
Described by: CSJ, MCF



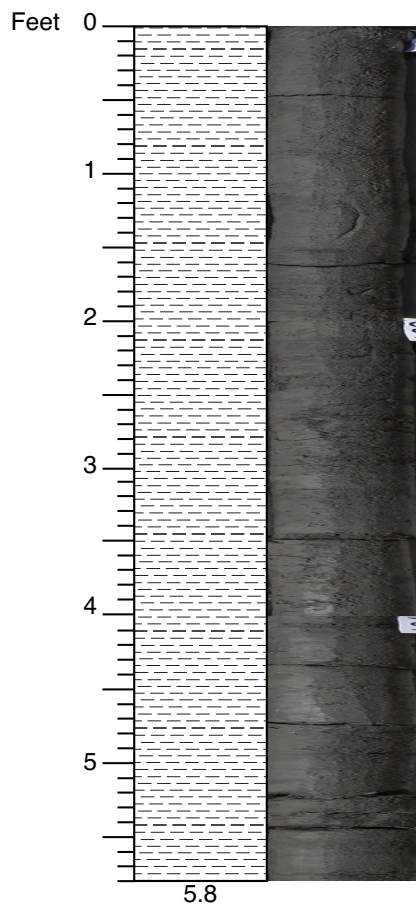
CLAY; no silt or sand; thinly laminated; cross bedded; organic laminae, organic concentration at 4.5 ft, large piece of wood at 3.7 ft; smells of sulfur, no shell fragments visible; no sand or organic bands visible; Gley 1 3/N very dark gray

SH-SS Core #32
Start depth: 150 ft
Stop depth: 155 ft
Recovery (ft): 5
Date: 5/20/14
Described by: CSJ, MCF



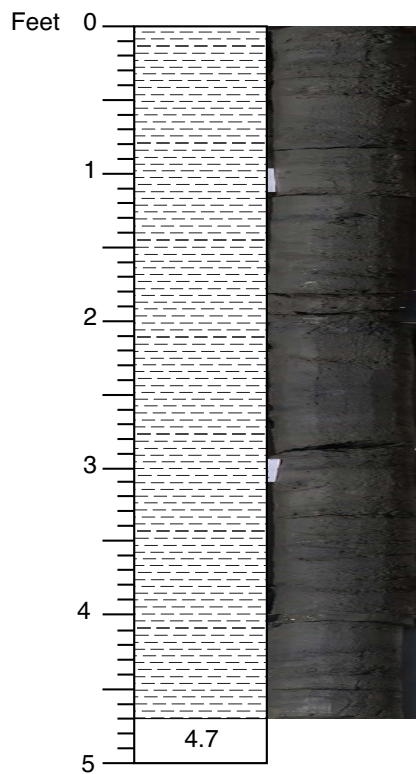
CLAY no sand or silt; organic laminae; no cross-bedding, no shell fragments; traces of very fine mica; Gley 1 3N very dark gray

SH-SS Core #33
Start depth: 155 ft
Stop depth: 160 ft
Recovery (ft): 4.5
Date: 5/20/14
Described by: CSJ, MCF, JVB



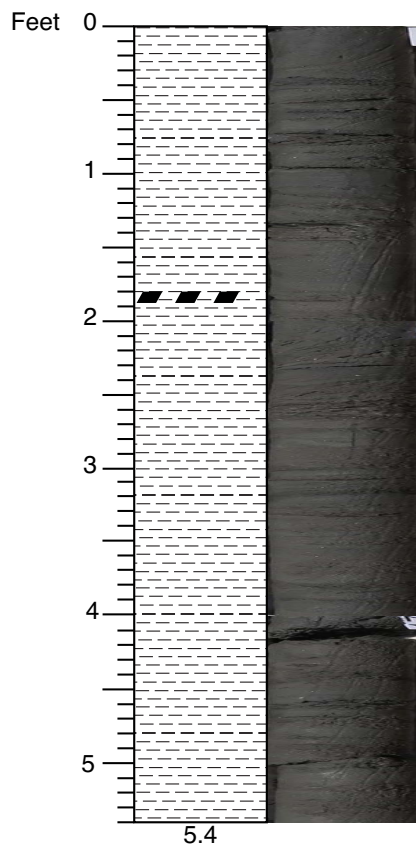
CLAY; with very fine micas, thin organic laminations, organic material present (high concentration); no organic smell evident, organic fragments at 2.35 ft, no shell fragments, silty concentration band at 5.5-5.15 ft; Gley 1 3N very dark gray

SH-SS Core #34
Start depth: 160 ft
Stop depth: 165 ft
Recovery (ft): 5.8
Date: 5/20/14
Described by: CSJ, MCF



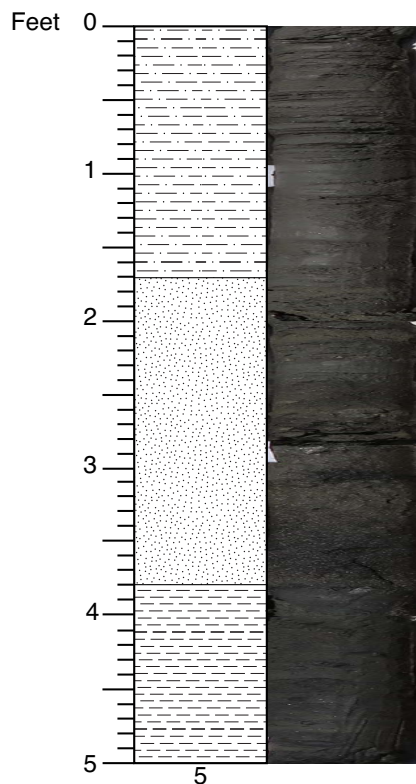
CLAY; with some silty laminae, particularly silty to very fine sand band at 3.8 ft; increase in mica concentration and grain size; darker organic band at 3.25-3 ft; coarsening toward base of core (mica and grain size); laminae are not filled with organics and plant material as in previous cores; Gley 1 3N dark gray for majority, organic banding: Gley 1 2.5N black

SH-SS Core #35
Start depth: 165 ft
Stop depth: 170 ft
Recovery (ft): 4.7
Date: 5/20/14
Described by: CSJ, MCF



CLAY with mica and some silty laminae; coarsening more as depth of core increases; mica concentration increased from core 35; lower concentration of organics; silty to very fine sand at the top; fine sands and quartz bands towards the base; organic layer from 1.3-1.4 ft with wood fragments; Gley 1 3N very dark gray

SH-SS Core #36
Start depth: 170 ft
Stop depth: 175 ft
Recovery (ft): 5.4
Date: 5/20/14
Described by: Rob Hawke (NJGWS), CSJ



CLAY with silty organic lenses, more micas than in previous section; fewer quartz grains; large angular, platy organic matter; Gley 1 3N

1.7-2.4 ft - Gradational contact grading from silty clay above to sand; granules at 2.3 ft sub-rounded coarse sand and granular quartz

SAND; medium, subangular, quartz, with organics, 3.0-3.05, 3.3-3.7 ft: very organic rich sand (black); sandy intervals: 2.5Y 4/2 dark grayish brown, organic rich sand: Gley 2 2.5/10B

CLAY; silty, with medium subangular quartz sand and mica; thin 0.025 ft organic rich bands; organic band at 2.7-2.75 ft

SH-SS Core #37
Start depth: 175 ft
Stop depth: 180 ft
Recovery (ft): 5
Date: 5/20/14
Described by: CSJ



SAND; 0-0.95 ft - sub- angular medSAND; medium to fine; silty; subangular; 5Y 2.5/1 Black

CLAY; coarsening down to SAND; medium, subangular

CLAY; coarsening down to SAND; medium- coarse; granules, subangular, quartz; mud clasts at 1.95 ft

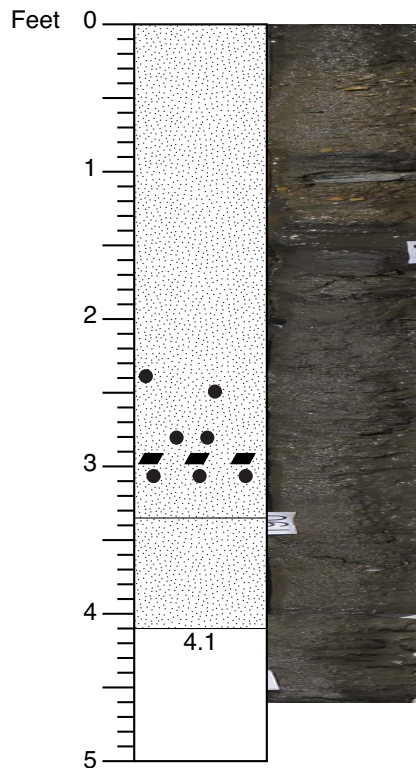
CLAY; coarsening down to SAND; coarse subangular; quartz, with granules and pebbles; with granular/pebbly layer at base; 3.3-3.4 ft: clay layer with fine to medium sand

SH-SS Core #38
Start depth: 180 ft
Stop depth: 185 ft
Recovery (ft): 4.4
Date: 5/20/14
Described by: CSJ



SAND; medium; subangular; primarily quartz, layered organics throughout with organic fragments; 0-0.65 ft: mixed pebble/ granular bed with 30 mm pebble at 0.6 ft; 1.6-2.35 ft; higher concentration of organics; 1.1 ft: highly organic sand; 3.1-3.25 ft: granule layer; 3.25- 3.3 ft: pebble layer; 3.5-3.55 ft: silt and clay rich organic layer with some fine sand; sand layers: 10 YR 3/1 very dark gray, organic sand layers: Gley 1 2.5/ 10Y greenish black

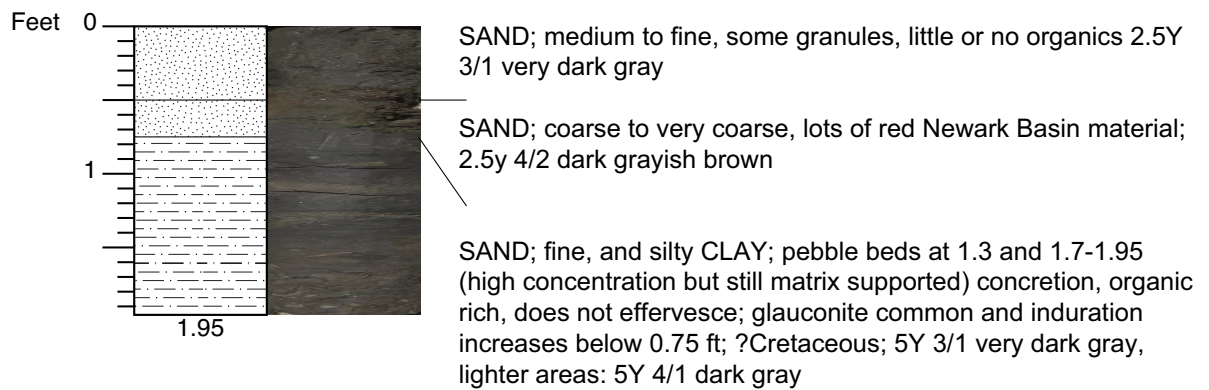
SH-SS Core #39
Start depth: 185 ft
Stop depth: 188.5 ft
Recovery (ft): 3.65
Date: 5/20/14
Described by: Rob Hawke (NJGWS)



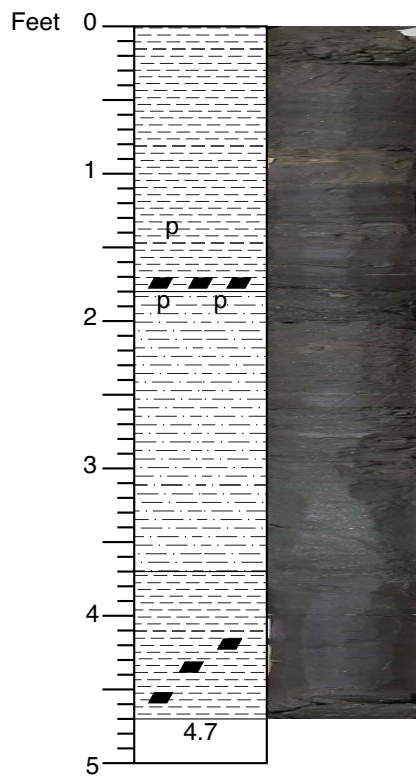
SAND; medium to fine, some granules; subrounded, quartz
1.45 ft: organic lamina; 2.3-3.2 ft: very poorly sorted granule
and pebble rich section with one 5 cm sandstone clast at
3.05; organic clay layer at 2.9; 2.5Y 3/2 very dark grayish
brown

SAND; fine; organic rich; organic fragments; medium mica;
possible seeds?, organic smell; 2.5Y 2.5/1 black

SH-SS Core #40
Start depth: 188.5 ft
Stop depth: 193.5 ft
Recovery (ft): 4.1
Date: 5/20/14
Described by: CSJ, Rob Hawke (NJGWS)



SH-SS Core #41
Start depth: 193.5 ft
Stop depth: 195 ft
Recovery (ft): 1.95
Date: 5/20/14
Described by: CSJ, MCF, JVB

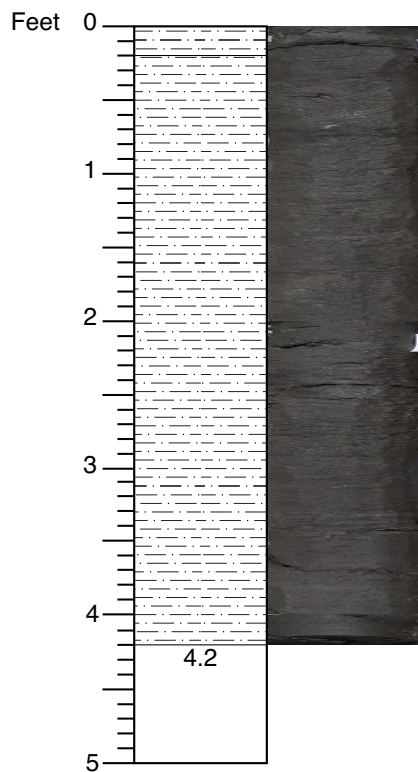


CLAY; very micaceous, lignitic concentrations at 0.9 and 0.2 ft; large pyrite chunks at 1.4 ft; appears to be some darker layers

SILT; clayey, fine to very fine sand, very micaceous; abundant scattered lignite; the core shines

CLAY; very micaceous; abundant scattered lignite chunks

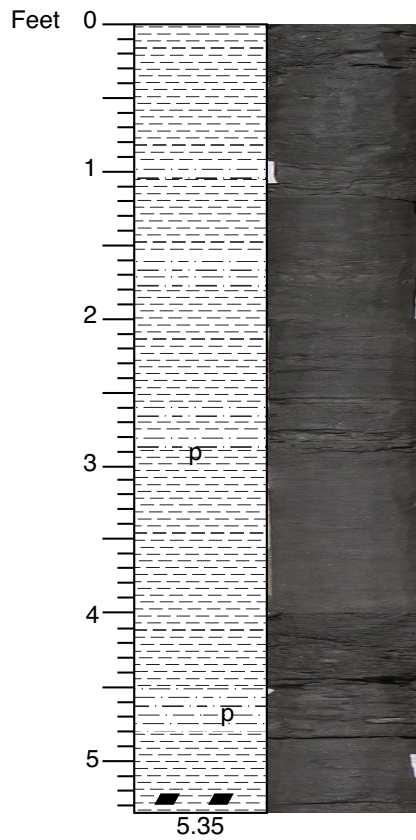
SH-SH Core #42
Start depth: 195 ft
Stop depth: 200 ft
Recovery (ft): 4.7
Date: 5/20/14
Described by: JVB



probably bad core; Gley 1 10GY 3/

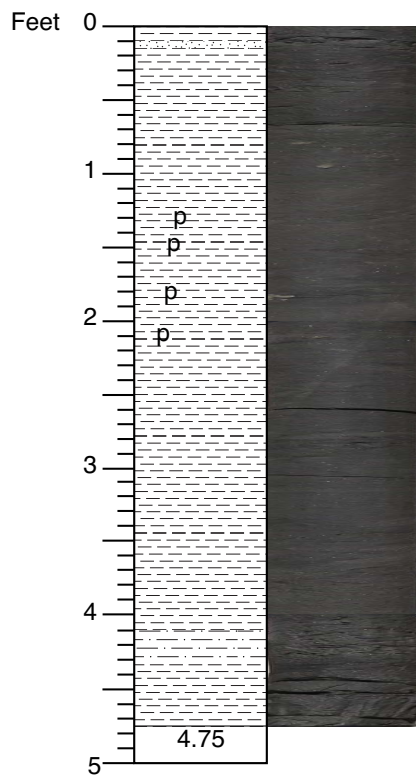
SILT; clayey, very micaceous; pyrite at 0.7, 1.8, 3.4 ft;
abundant lignite; little primary bedding; laminae at 2.65, and
3.2-3.4 ft, otherwise it has a bioturbate texture; 3/N very dark
gray

SH-SS Core #43
Start depth: 200 ft
Stop depth: 205 ft
Recovery (ft): 4.2
Date: 5/20/14
Described by: JVB



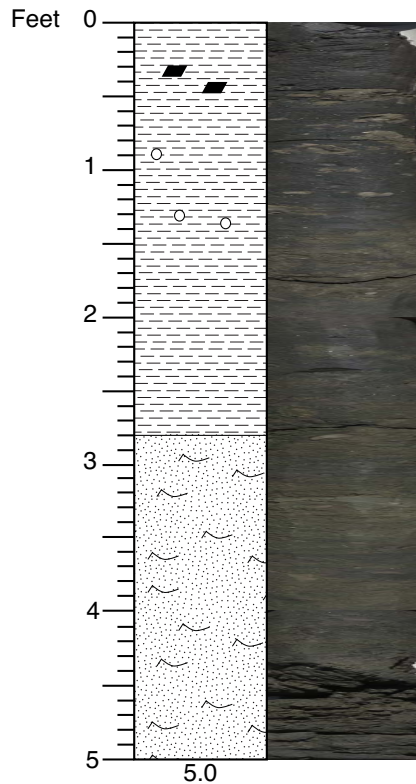
CLAY; with some silty lenses, abundant mica; pyrite clasts; the silty lenses are likely the result of infilled bioturbation, silty lenses at: 1.05-1.1, 1.125-1.2, 1.7-1.75, 2.6-2.65, 2.8-2.9, and 4.5-4.8 ft; possible clay clast at 0.4 ft; lignite at base, abundant bioturbation throughout; no glauconite, Gley 1 3/N very dark gray

SH-SS Core #44
Start depth: 205 ft
Stop depth: 210 ft
Recovery (ft): 5.35
Date: 5/20/14
Described by: CSJ



CLAY; with silty lenses; abundant mica; bioturbation throughout but concentrated at silt lenses: 0.1-0.15 and 4.1-4.3 ft; organic scent; large pyrite nodules; lignite concentrations near base but present throughout; no glauconite; Gley 1 2.5/N black

SH-SS Core #45
Start depth: 210 ft
Stop depth: 215 ft
Recovery (ft): 4.75
Date: 5/20/14
Described by: CSJ

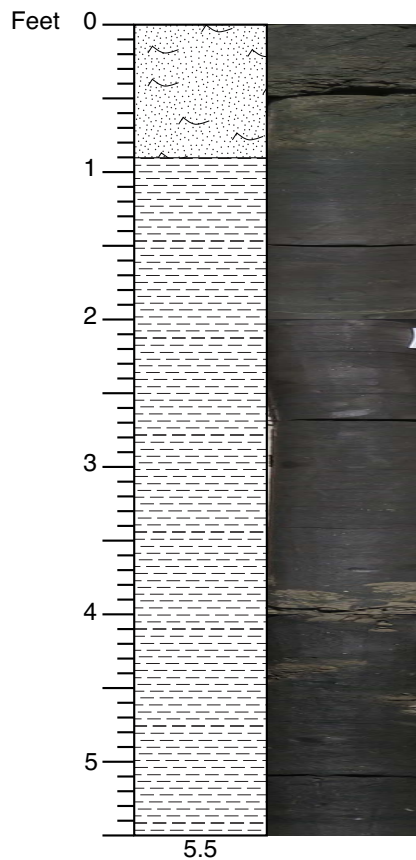


CLAY, with abundant mica; large concretions floating in matrix, very weak reaction to HCl; glauconite; some lignite near the top of the core

Contact 217.8

SAND; glauconite; silty; bioturbation, burrows filled with finer sediments; no pyrite visible; Cheesequake; grading from Gley 1 2.5/N (black) to 5Y 3/2 dark olive gray

SH-SS Core #46
Start depth: 215 ft
Stop depth: 220 ft
Recovery (ft): 5
Date: 5/20/14
Described by: CSJ

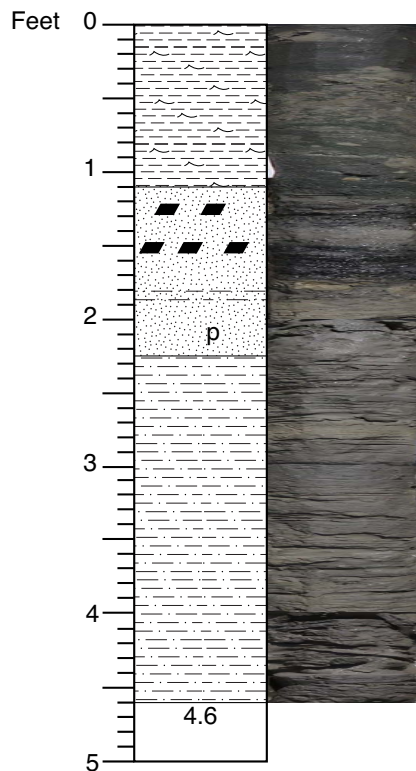


SAND; glauconite, fine, sand, subangular, some silt, quartz, contains pyrite; lignite concentration 0.65-0.7 ft

Sharp Contact

CLAY; abundant mica; possible concretions 4.8-5.5 ft, some granules; concretions 3.8-4.8 weak reaction to HCl; pyrite near concretions; Gley 2.5/N Black

SS-SH Core #47
Start depth: 220 ft
Stop depth: 225 ft
Recovery (ft): 5.5
Date: 5/20/14
Described by: CSJ



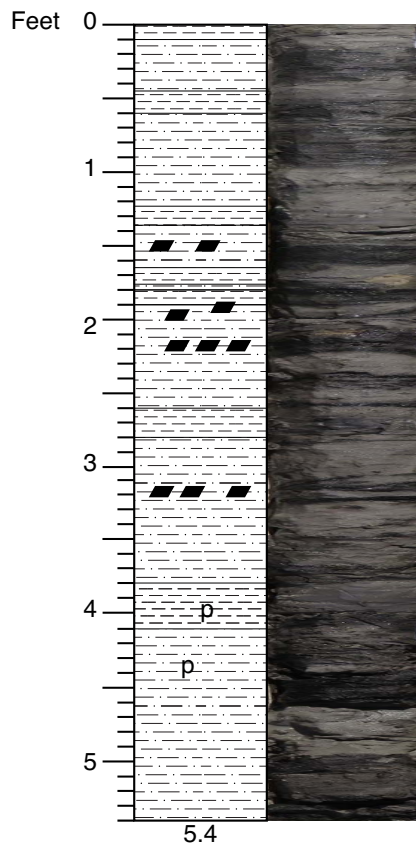
CLAY; with medium glauconite sand; silty, grades downward into more significant mud clasts ≤ 40 mm in size; lignite near base; Gley 1 2.5/N Black

1.1 ft Contact

SAND; fine, lignite concentrations at 1.25-1.3, and 1.45-1.65 ft; more silt between 1.8-1.9 ft; fine sand between 1.9-2.25 ft; Magothy? (1.1 ft)

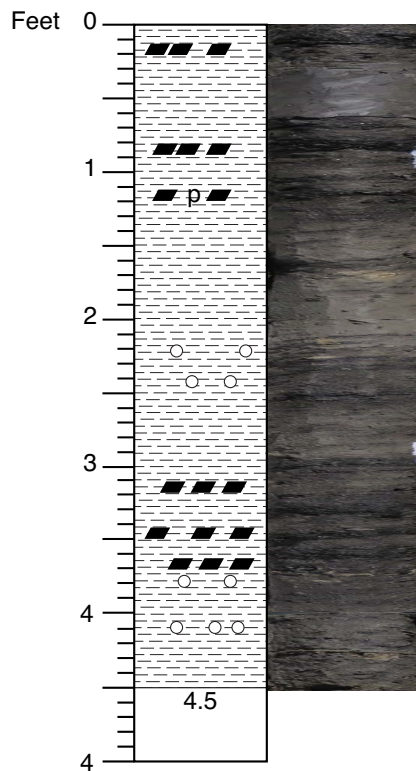
SILT; sandy, with fine sand lenses/laminae, large (20 mm) pyrite at 2.1 ft; lignite at 2.5 and 3 ft; Gley 4/5 GY

SH-SS Core #48
Start depth: 225 ft
Stop depth: 230 ft
Recovery (ft): 4.6
Date: 5/20/14
Described by: CSJ



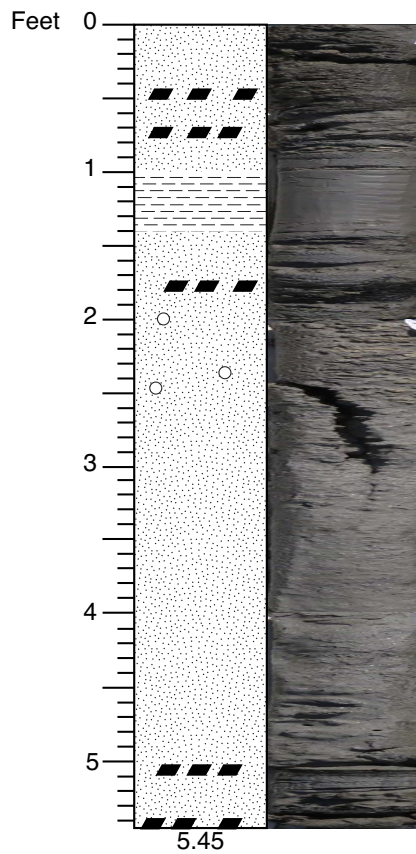
SAND; fine, silty interbedded with CLAY, silty; frequent 0.025 ft thick lignite bands; lignite fragments at 3.95-4 ft; significant lignite bands: 1.8-1.9 and 1.45-1.6, 3.2-3.225; clay clasts: 1.75, and 2.1 ft; pyrite concentration at 4 and 4.3 ft; Gley 1 5/10Y greenish gray

SH-SS Core #49
Start depth: 230 ft
Stop depth: 235 ft
Recovery (ft): 5.4
Date: 5/20/14
Described by: CSJ



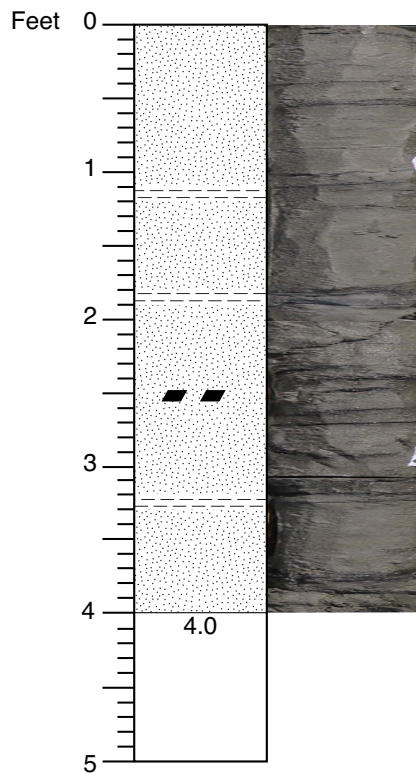
SAND; medium to coarse; subangular; some mica and organic layers throughout; less mica than core 49 notable organic layers at: 0.1-0, 0.8-0.85, 1.1-1.25 (contains pyrite), 3.25-3.3, 3.43-4.75, and 3.525-3.6 ft; 0.3-0.65 ft: clay layer; 4.225 and 3.675 ft: possible siderite concretions; 2.925-2.25 ft: clay clasts (possibly also concretions of siderite: Gley 1 5/10Y greenish gray

SH-SS Core #50
Start depth: 235 ft
Stop depth: 240 ft
Recovery (ft): 4.5
Date: 5/20/14
Described by: Rob Hawke (NJGWS)



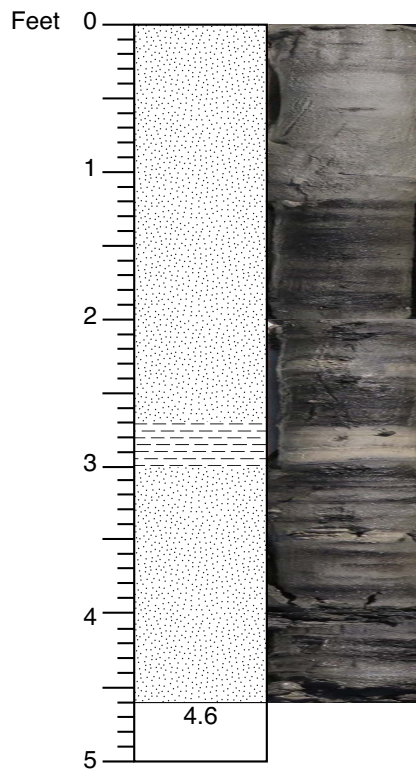
SAND; fine, with occasional clay laminae; subangular, quartz; concretions at 1.9-2.6; scattered lignite, lignite bands at 0.55-0.6, 0.75-0.8, 1.7-1.9, 5.15-5.2, and 5.45 ft; Gley 1 5/10Ygreenish gray

SH-SS Core #51
Start depth: 240 ft
Stop depth: 245 ft
Recovery (ft): 5.45
Date: 5/20/14
Described by: CSJ



SAND; fine to medium, quartz; lignitic laminae scattered throughout; 2.5 f: lignite chunk; 1.8 ft: clay laminae; 3.2 ft: clay laminae; 1.1 ft: inclined laminae; Gley 1 4/10Y dark greenish gray

SH-SS Core #52
Start depth: 245
Stop depth: 250
Recovery (ft): 4.0
Date: 5/20/14
Described by: Rob Hawke (NJGWS)



SAND; medium to fine; subangular, quartz; bands of lignite throughout, slightly thicker near base; 2.7-3 ft: kaolinitic clay, possible paleosol; Gley 1 5/N gray; paleosol: 5Y 6/2 light olive gray

Last Core

SH-SS Core #53
Start depth: 250 ft
Stop depth: 255 ft
Recovery (ft):4.6
Date: 5/20/14
Described by: CSJ