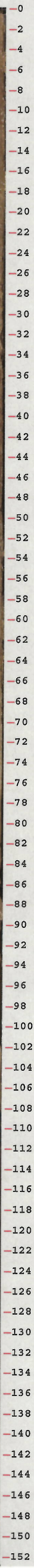


CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	ST	SD	G				Night Shift	2/1/19
0		0						0	Comments 0-17 cm: brown soupy clay - disturbed 17-42 cm: brown crudely laminated mud silty clay 42-54 cm: sharp contact at 42 cm 42-54 cm: greenish gray bio-siliceous ooze (moderately bioturbated contact at 54 cm) 54-62 cm: brown crudely laminated mud with distinct burrows at the top of the interval sharp contact at 62 cm 62-76 cm: greenish gray mud, moderately disturbed 76 cm: gradual contact 76-144.5 cm: brown laminated mud <sup>silty clay</sup> silt laminae with 0.5-2cm spacing throughout. 144-152 cm: IW		
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CM Scale



SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
						Comments	
						Night Shift	2/1/19
						Yeah! core!	
55			1		0	0-17cm: brown laminated silty clay	
17			3	17		17cm: gradational contact	
						17-66cm: light yellowish brown foram-rich mud, heavily bioturbated	
						66cm: sharp contact	
						66cm-76cm: greenish gray heavily bioturbated mud (3) silty clay	
						76-92cm: brown bioturbated mud (3)	
						92cm: sharp contact crudely	
						92-118cm: brown, laminated mud silty clay gradating upward no greenish gray mud	
		0		44		below 118cm: gradational contacts	
						118-149cm: interbedded greenish gray and brown bioturbated mud (3) silty clay	
114				92			
				118			

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology c ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Night shift	Date: 2/1/19
							Comments	
0				2		0	0-68 cm greenish gray and brown bioturbated mud silty clay Distinct greenish gray layer 54-56 cm 68 cm gradational contact 68-144 brown bioturbated mud with silty manganese? laminations Distinct greenish gray layer 105-107 cm Planar laminations 1-9 cm spacing Thinly laminated	
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
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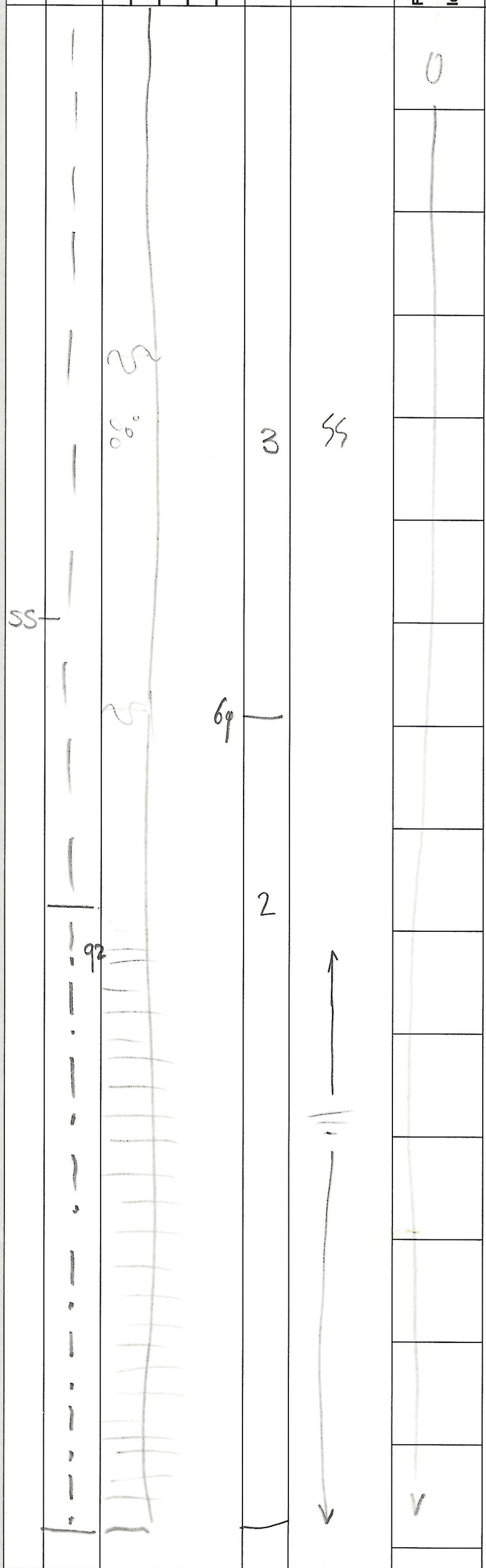
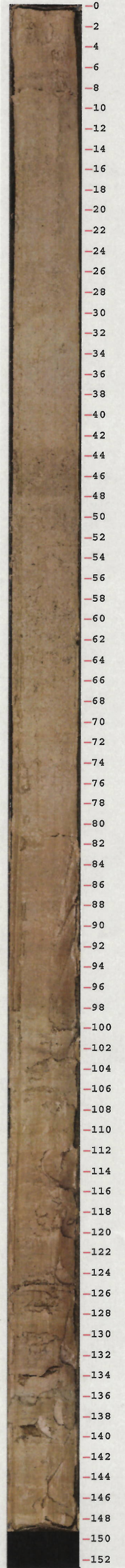


0-11 cm = olive gray clay, disturbed by drilling

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Night Shift	2/1/2019
0								0			
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10							X				0-20cm: soupy, heavily disturbed, mud silty clay
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20											20-74cm: light yellowish brown silty clay
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IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Night Shift	2/1/2019
0									Comments		
2								0			0-35cm: brown bioturbated silty clay
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42						3	SS			35-69cm: light brown biosiliceneis-rich clay	
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0-35cm: brown bioturbated silty clay

35-69cm: light brown biosiliceneis-rich clay

69-150cm: yellowish brown laminated silty clay, moderately bioturbated

88-150cm: disturbed core surface

all boundaries are gradational and bioturbated

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	ST	SD	G				Night Shift	2/1/2019
0								0	<p>0-89cm: color banded light yellowish brown and light brownish grey silty clay</p> <p>- bands are 5mm to 5.5cm thick</p> <p>- distinct laminae at 32cm, 39 and 42cm - black</p> <p>- mottly from 54-80cm</p> <p>89-145cm: light brownish gray biosiliceous<sup>rich</sup> clay? (same surface texture as 2H2, 60cm)</p> <p>42-47cm: surface disturbed</p> <p>108-139cm: cracks</p>		
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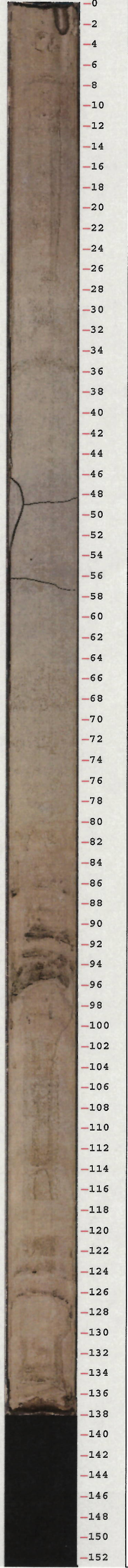


CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Nightshift	2/1/2019
0	SS5	0					massive	0	0-8 cm: biosiliceous rich clay massive, light brownish gray with gradational basal boundary 8-106 cm: clay, with sharp basal boundary, colour banding with light grayish brown and grayish brown colors, bands 0.5-13 cm thick; moderately bioturbated, with irregular to oval and circular burrows $\leq 1$ cm $\phi$		
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108		↑					↑		106-150 cm: grayish brown clay, thinly laminated with continuous and discontinuous, dark brownish silt laminae at spacings from 0.5-6 cm 106-114 cm: slightly mottled, with dark brown irregular to oval mottles $\phi \leq 1$ cm; slightly bowed silt laminae throughout		
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Metadata	
			c	st	sd	g				Logged By: Night Shift	Date: 2/1/2019
0		)						0	0-26 cm: light yellowish brown and light brownish gray silty clay, color-banded - granite clast $\phi$ 3cm at 14-16 cm, angular, faceted 26cm: gradational contact, bioturbated 26-74cm: brown laminated silty clay; some laminae are black, possibly Mn-oxide 74cm: sharp contact 74-112cm: color banded light yellowish brown and light brownish gray silty clay, moderately bioturbated 112-113cm: isolated silt laminae also at 134cm		
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IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Nightshift	2/1/2019
0	SS6	slight ) ) ) ) ) ) ) ) ) )					1		0	0-27cm: clay, grayish brown to olive brown, with color banding (bands 0.5-6cm thick), slightly bioturbated, bands slightly bowed; gradational basal boundary  27-77cm: clay, olive gray, moderately bioturbated, with brownish and greenish oval burrows $\leq 1$ cm $\phi$ , moderately bioturbated, colored bands slightly bowed; gradational basal boundary  77-139cm: clay, grayish brown to olive brown, with color banding (bands 1-5cm thick), slightly bioturbated with irregular to oval mottles $\leq 1$ cm $\phi$  from 90-98 cm: with mod. bowed, thin dark silt laminae $\leq 0.5$ cm thick, continuous and discontinuous; 77-90 cm: slightly bowed bands, 90-139 cm: with moderately bowed layers	
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SS6

slight

mod.

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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Day shift	2/1/2019
0									Comments 0-20 cm: <del>is</del> grayish-brown silty clay High drilling disturbance from 9-20 cm (Suck-in → core catcher)		
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Day Shift	02-01-19
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10						mod. 2					
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14											
16			-14 dark yellowish brown								
18											
20			-19 gray								
22			-22			22					
24											
26											
28											
30											
32	SS 7					slight 1					
34			color banded								
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38											
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54											
56			SS								
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70						heavy 3					
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96			-93								
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108						mod. 2					
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138							137-138 dk sandy pebbles				
140							138				
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Silty clay throughout  
 color banded between 22-150 cm  
 planar bands of various thickness  
 alternating between dk yellowish brown  
 and gray

37-42 -  
 Discontinuous silty laminae  
 (Mn oxide?)

occasional dk. mottles



150

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Day shift	02-01-19
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IW

Silty clay throughout

grad. 27-34 cm

fast silty laminae

foram-bearing silty clay

discontinuous silty laminae, traces of forams. sharp basal contact

greenish gray silty clay, foram traces

brown

31 grad. greenish gray

sharp 43

brown

ss.s grad. greenish gray

85

grad brown

104

greenish gray

SS 8

0

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1

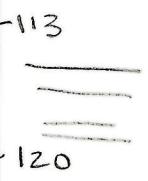
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1

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0

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113

120

85

104

121

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				day shift	02-1-2019
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Gray massive silty clay

51 Gradational contact to color banded with pale olive

69 14. olive brown silty clay

81 pale olive

96 foramin bearing clay, contains small forams

113 silty clay

light olive

140-143cm 2 silt laminae, sharp contacts

slight cracking





CM Scale	SS+TS Sample	Drilling Disturbance	Lithology c ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: <i>day shift</i>	Date: <i>02-1-2019</i>
							Comments	
0						1	Silty clay color banded 0-62 cm light yellowish brown dominant color  faint laminae <sup>silt</sup> from 38-50 cm 52-149 cm silty laminae more obvious  59-66 cm Mn oxide ? laminae  62-148 light olive brown dominant color	
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slight cracking

slight



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				day shift	02-1-2019
0									Comments Silty clay with parallel silt laminae 45-63 cm - <sup>ss</sup> polymineralic sand & silt laminae 86-94 cm 113-123 cm - 40-94.5 color banded dominated by olive brown with light yellowish brown smear slide - no oxides observed diverse min. silt to sand grains (no biogenic)		
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IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	ST	SD	G				day shift	02-1-2019
0									Comments		
2											
4									Silty clay with color banding		
6											
8									Olive brown with grayish brown 0-77 grayish brown with olive brown 77-149		
10											
12									82-115 foram bearing clay with common nannofossils		
14											
16									broken forams, diverse minerals		
18											
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CM Scale

SS+TS Sample

Drilling Disturbance

Lithology

c ST SD G

Bioturbation Index 0 - 4

Sedimentary Structures

Pebble Counts  
>4mm  
less than #10

Logged By:

day shift

Date:

02-1-2019

Comments

Silty clay with color banding

Olive brown with grayish brown 0-77

grayish brown with olive brown 77-149

82-115

foram bearing clay with common nannofossils

broken forams, diverse minerals

Slight with crack 0-106

82

115

SS  
#11

137



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: day shift	Date: 02-1-2019
							Comments	
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10		mod.		0				massive silty clay, light olive brown
12								few iron oxides
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18								1/6 shell fragment cm
20								
22								Mn? mottles from 18-24cm
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PAL

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology c ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day shift	Date: 02-01-19
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none  
slight

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mod.

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0-150cm  
olive brown silty clay  
color banded with light olive brown  
ranging from 1-30cm thick

dark mottles 23-24cm  
moderate bioturbation, <sup>small</sup> burrows,  
disrupted silt laminae throughout

51-56cm thin imm silt laminae

115-132cm faint dark laminae

144-147cm faint silt laminae  
<0.5cm thick

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
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32	30				Slight				olive brown silty clay		
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts		Logged By:	Date:
			c	st	sd	g			>4mm	less than #10	Day Shift	02-01-19
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CM Scale

SS+TS Sample

Drilling Disturbance

Lithology

c st sd g

Bioturbation Index 0-4

Sedimentary Structures

Pebble Counts >4mm less than #10

Logged By:

Day Shift

Date:

02-01-19

Comments

0-53 cm light olive brown silty clay color banded with olive brown grades to

olive brown silty clay at 53cm to 120cm

light olive brown

120cm - 149cm light olive brown color banded with olive brown

5-35cm dark patchy mottles

silt laminae at 86cm 0.5cm thick sharp lower contact, bioturbated upper contact.

lt olive br. / olive brown

grad 53

2 mod.

Slight

olive br.

120

lt olive brown / olive brown

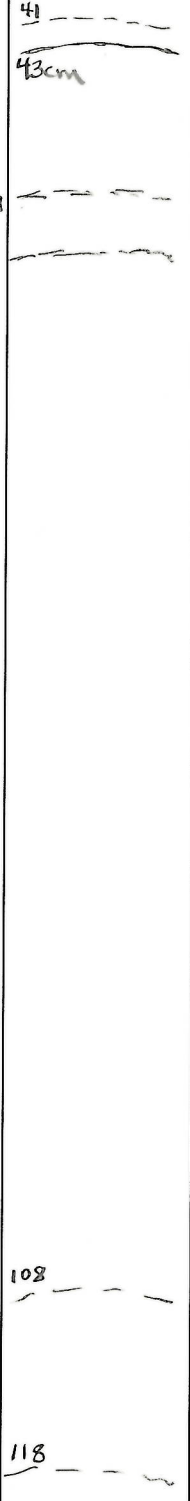


CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Day Shift	02-01-19
0	SS 43 cm #14	none/slight					↑	↑		Comments	<p>0-143 cm olive brown silty clay</p> <p>interlaminated silty clay with silt; laminated 0-44 cm, thinly laminated 44-143 cm</p> <p>0.6 cm thick - mineral rich silt grains abundant euhedral grains, iron oxides</p>
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											<p>143-150 cm gray clay faintly mottled</p>



SS 43 cm #14

none/slight



0-143 cm olive brown silty clay

interlaminated silty clay with silt; laminated 0-44 cm, thinly laminated 44-143 cm

0.6 cm thick - mineral rich silt grains abundant euhedral grains, iron oxides

143-150 cm gray clay faintly mottled

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Day Shift	02-01-19
0									0-18cm gray clay (massive)  18-62cm gradational color change to grayish brown with gray color bands  48-57 3 thin silt laminae < 3mm thick  sharp contact at 62cm with gray clay (massive)  94cm gradational contact to olive brown silty clay  120-132 3 silt laminae < 3mm thick		
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76			gray clay			0					
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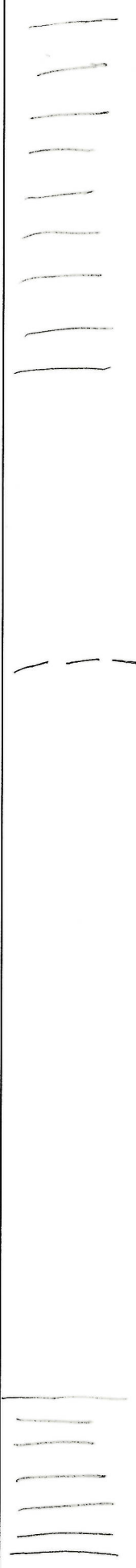
CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Day shift	02-01-19
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CM Scale

SS #16

Slight/None

Bioturbation Index 0 - 4



Pebble Counts >4mm less than #10

0-55 cm  
olive brown silty clay

19-47 cm thin silt laminae < 3mm  
30-34 cm dark mottled

55-125 cm  
olive brown silty clay color banded with gray  
64 cm 1 silt lamina < 3mm

111-125 cm silt laminae < 3mm

125-131 cm gray clay massive

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology c ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day shift	Date: 02-01-19
							Comments	
0	SS 5 cm #17	None/slight		 slight		↑	0-31 gray clay dk mottles 0-13cm  gradational contact 31-41 lt. olive brown silty clay color banded with <3mm thick gray layers  41-66cm lt olive brown, silty clay 2 gray color bands 52-53cm	
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Day Shift	02-01-19
0		↑ mod ↓						↑	Comments 0-18 cm lt olive brown silty clay		
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4							—	↓	18-28 cm lt. olive brown silty clay color banded with gray discontinuous; silt laminae at 20 cm 5mm thick		
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Night Shift	2/2/2019
0									<p>0-70cm: light yellowish brown silty clay with faint color banding mm - cm scale a few discrete silt laminae at 23, 33 and 36 cm, deformed laminae at 63, 65 cm and 70 cm, probably bioturbated black color of laminae</p> <p>70-111 cm: olive laminated silty clay</p>		
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148											
150											
152											

IW

70  
color banding

78  
↑

111  
↑

massive  
↓

79cm: ~1cm ø clast in W-half (cavity in A-half)

111cm: sharp contact  
111-145cm: greenish gray massive, bioturbated silty clay

some dispersed sand sized grains throughout  
core break 117cm.

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology c ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Comments	
0				3	massive	0	Night Shift	2/2/19
2						1		
4						0		
6						0	0-39cm: greenish gray silty clay, massive, bioturbated, some faint cm-scale color bands	
8						0	10-11cm: small pebble, some dispersed sand	
10						0	39cm: gradational, bioturbated contact	
12						0	39-107: light yellowish brown silty clay with silt laminae at 39-48cm and 74-85cm	
14						0		
16				2	color bands	0		
18						0		
20						0		
22						0		
24						0		
26						0		
28						0		
30						0		
32						0		
34						0		
36						0		
38						0		
40						0		
42						0		
44						0		
46						0		
48						0		
50						0		
52						0		
54						0		
56						0		
58						0		
60						0		
62						0		
64						0		
66						0		
68						0		
70						0		
72						0		
74						0		
76						0		
78						0		
80						0		
82						0		
84						0		
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88						0		
90						0		
92						0		
94						0		
96						0		
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104						0		
106						0		
108						0		
110						0		
112						0		
114						0		
116						0		
118						0		
120						0		
122						0		
124						0		
126						0		
128						0		
130						0		
132						0		
134						0		
136						0		
138						0		
140						0		
142						0		
144						0		
146						0		
148						0		
150						0		
152						0		

SS 19

107

138



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Night Shift	Date: 2/2/19
							Comments	
0				0	↑	0	0-158 cm: brown silty clay few very faint color bands Some discrete silt laminae at 0-9cm, 16cm, 72	
2								
4								
6								
8								
10								
12								
14								
16				16	↓			
18								
20								
22								
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28								
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32								
34								
36								
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58				1				
60								
62								
64								
66								
68								
70								
72				72	↑			
74								
76								
78								
80								
82								
84								
86								
88	SS-22							
90								
92								
94								
96								
98								
100								
102								
104				104	↓			
106								
108								
110								
112								
114								
116								
118								
120								
122								
124								
126								
128								
130								
132								
134								
136				3				
138						0		
140								
142						0		
144								
146								
148								
150								
152								

58-122 cm: color banded brown and greenish gray silty clay

sand laminae 89-90 cm with bioturbated top and sharp base

silt laminae at 72-104 cm, widely spaced

faint color bands 57-104 cm

122 cm: clast under the surface of the core?

122-150 cm: greenish gray silty clay

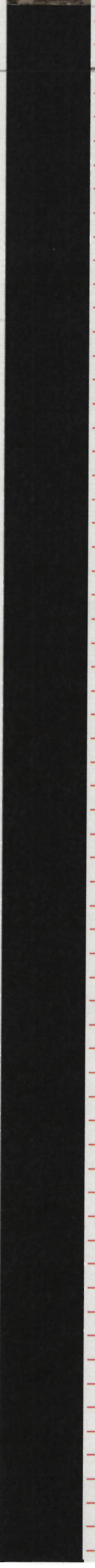
CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Night shift	2/2/19
0									Comments		
2						1		0			0-52 cm dark olive brown to light olive brown banded clay. Banding 3-6 mm
4								0			
6								0			
8								1	26-27cm Clast, a-axis = 1.3cm, subangular		
10								0			
12								0			
14								0			
16								0			
18								0			
20								0			
22								0			
24								0			
26								0			
28								0			
30								0			
32								0			
34								0			
36								0			
38								0			
40								0			
42								0			
44								0			
46								0			
48								0			
50								0			
52								0	52-82 Dark olive brown to grayish brown banded clay with thin silt? laminations Banding 1-3cm thick		
54								0			
56								0			
58								0			
60								0			
62								0			
64								0			
66								0			
68								0			
70								0			
72								0			
74								0			
76								0			
78								0			
80								0	82-115 Gray to dark gray mud Some bioturbated olive brown banding between 89-94cm. Trace forams		
82								0			
84								0			
86								0			
88								0			
90								0			
92								0			
94								0			
96								0	97cm: 1cm ø clast in W-half		
98								0			
100								0			
102								0			
104								0			
106								0			
108								0			
110	SS-20							0			
112								0	115-145 Gray to light olive brown banded clay. Banding 3-5mm		
114								0			
116								0			
118								0			
120								0			
122								0			
124								0			
126								0			
128								0			
130								0			
132								0			
134								0			
136								0			
138								0			
140								0			
142								0			
144								0			
146								0			
148								0			
150								0			
152								0			

IW





CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Night Shift	2/2/19
0									Comments		
2											
4									0-23cm Dark grayish brown clay with faint color banding		
6											
8									2cm } Thin silt laminae 10cm }		
10											
12									7-8cm coreing disturbance		
14											
16									13-15cm coreing disturbance		
18											
20									23-28cm void		
22											
24							void				
26											
28											
30											
32											
34											
36											
38											
40											
42											
44											
46											
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148											
150											
152											





CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Night shift	2/2/19
0		0							Comments		
2									0-11 Olive brown clay. Massive		
4		0				0		2			
6						0			11-30 Dark gray silty clay with silt pockets		
8						0		0			
10						0					
12						0		0			
14						0					
16						0		0			
18						0					
20						0					
22						0		0			
24						0					
26						0					
28						0					
30						0					
32						3		0	30-65cm Olive to olive gray clay. color banding with silt pockets		
34						3					
36						3		0			
38						3					
40						3		0			
42						3					
44						3		0			
46						3					
48						3		0			
50						3					
52						3		0			
54						3					
56						3		0			
58						3					
60						3		0			
62						3					
64						3		0	65-77cm Dark gray silty clay with silt pockets		
66						3					
68						2		0			
70						2					
72						2		2			
74						2					
76						2		2			
78						2			77-132cm Dark gray to dark olive gray clay. color banding and thin silt laminae		
80						2		0			
82						2					
84						2		0			
86						2					
88						2		0			
90						2					
92						2		0			
94						2					
96						2		0			
98						2					
100						2		0			
102						2					
104						2		0			
106						2					
108						2		0			
110						2					
112						2		0			
114						2					
116						2		0			
118						2					
120						2		0			
122						2					
124						2		0			
126						2					
128						2		0	132-144cm Dark olive gray to olive gray silty clay. color banding		
130						2					
132						2		0			
134						2					
136						2		0			
138						2					
140						2		0			
142						2					
144						2		1	142cm: pebble in U-half		
146						2					
148						2					
150						2					
152						2					

IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Night shift	2/2/19
0									0-34 cm Dark olive gray silty clay. Bioturbated color banding. Silt laminae and silt pockets		
2					2		0				
4											
6									34-89 cm Dark gray to olive gray clay. Irregularly spaced color banding. Silt laminae and silt pockets		
8											
10											
12									89-140 cm Olive to dark gray clay. Irregularly spaced color banding 3-30mm thick Glauconite + silt laminae		
14											
16											
18									140-150 cm Dark olive gray clay		
20											
22											
24											
26											
28											
30											
32											
34											
36											
38											
40											
42											
44											
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144											
146											
148											
150											
152											

ss23

ss24

ss23: silty clay

ss24: silty clay; glauconite



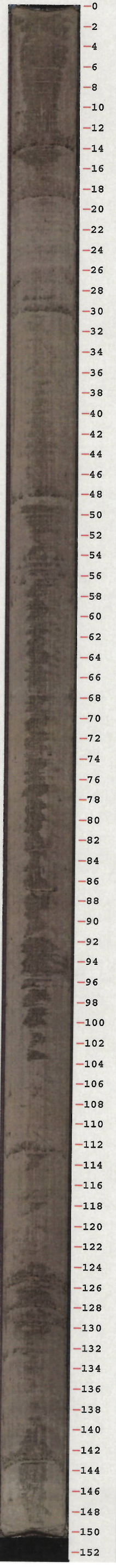
CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	st	sd	g				Night Shift	2/2/19
0									Comments		
2								0			0-144cm: light olive brown silty clay with some silt laminae slightly bioturbated
4											
6											
8											
10											
12											
14						14					
16											
18						18					
20											
22						20					
24						26					
26						29					
28						30					
30											
32											
34											
36											
38											
40											
42											
44											
46											
48						48					
50											
52											
54											
56						54					
58						58					
60						1					
62											
64											
66											
68						67					
70											
72											
74											
76											
78											
80											
82											
84											
86											
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112						113					
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116											
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120											
122											
124											
126						125					
128											
130						131					
132						132					
134											
136											
138											
140											
142											
144						143					
146						144					
148											
150						2					
152											

0-144cm: light olive brown silty clay with some silt laminae slightly bioturbated

silt laminae at 14, 18, 29-30, 48, 54-58, 67-113, 125-131, 143-144

color banding 20-26cm, 132-143cm

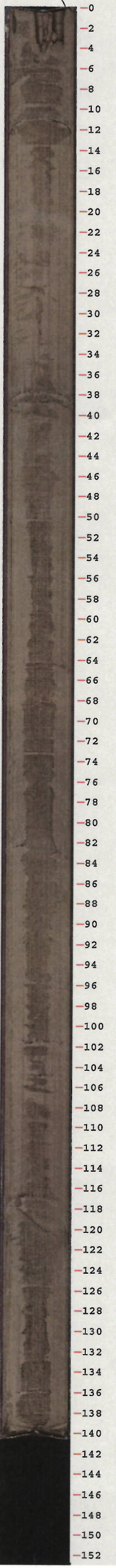
144-150cm: greenish gray silty clay



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	ST	SD	G				Night Shift	2/2/2019
0									Comments 0-26 cm: greenish gray and brown bioturbated silty clay 8cm: small pebbles 14-16cm: dispersed sand grains? silt laminae (sometimes bioturbated) at 25, 36, 83 (sand), 99, 105, 110, 122, 129, 138 cm 26-76 cm: olive silty clay, bioturbated with traces of silt laminae and silt pockets 45cm: silt pocket/disturbed 54cm: silt laminae? 76-145cm: dark grayish brown clay with silt laminae ss26: silty sand		
2					2		2				
4											
6											
8					8						
10											
12											
14											
16					3		0				
18											
20											
22											
24											
26					25						
28											
30											
32											
34											
36					36						
38											
40											
42											
44											
46					2						
48											
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62											
64											
66											
68											
70											
72											
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76					76						
78											
80											
82	ss26				83						
84											
86											
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130					129						
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146	IW										
148											
150											
152											

syringe marks

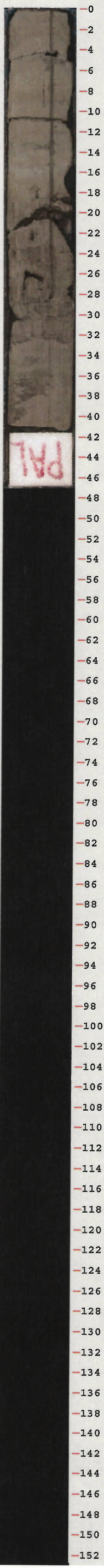
CM Scale



SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
		C	ST	SD	G				Night Shift	2/2/2019
									Comments	
						6	↑	0	0-141cm	
						12	↓		dark grayish brown clay with few silt laminae at	
						20	↑		6-12cm, 38-39cm, 65cm, 84, 102-105, 117-118cm, 137cm.	
						33	↓		faint color banding 20-33cm	
						38				
						39				
						65			ss 25: silty clay	
						70				
						84				
						102				
						105				
						117				
						118				
						137				



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	ST	SD	G				Night Shift	2/2/19
0									Comments 0-22cm: light olive brown and greenish gray silty clay, color banded, dark green bands in interval		
2							0				
4											
6											
8									22-41cm: dark grayish brown clay with silt laminae		
10											
12						1					
14						22					
16						25		0			
18											
20											
22											
24											
26											
28											
30											
32											
34						33					
36								0			
38											
40											
42											
44											
46											
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146											
148											
150											
152											



ss27

↑  
color  
bandy  
↓

1  
22  
25  
33  
↑  
↓

0-22cm: light olive brown and greenish gray silty clay, color banded, dark green bands in interval  
22-41cm: dark grayish brown clay with silt laminae  
silt laminae at 25, 30, 33cm

ss27: clay

PAL



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Nightshift	02/02/15
0									Comments 0-146 cm: silty clay, dark olive gray; with color banding throughout, with greenish gray, horizontal, continuous bands < 1cm thick; laminated, with horizontal to slightly bowed, continuous, silty laminae ≤ 5mm thick at spacings 1.5 - 23 cm from 42-43 cm: oval glauconitic patch ≤ 1cm		
2											
4											
6											
8											
10					0			0			
12											
14											
16											
18											
20											
22											
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142											
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148											
150											
152											

IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Nightshift	02102119
0								0	0-26 cm: silty clay, dark olive gray, with sharp, horizontal basal boundary		
2								0			
4								1	at 10 cm: slightly bowed, horizontal silt lamina, 2 cm thick		
6								0			
8								0	26-90 cm: silty clay, greenish gray from 26-46 cm, getting more dark olive from 46-90 cm; moderately bioturbated from 26-46 cm, heavily bioturbated from 46-90 cm; color banding from 46-90 cm at 61-63 cm: silt clast, oval ~2 cm large (soft) at 84 cm: discontinuous, horizontal silt layer, ~5 mm thick; with transitional basal boundary		
10								0			
12								0			
14								0			
16								0			
18								0			
20								0			
22								0			
24								0			
26								0			
28								0			
30								0			
32								0			
34								0			
36								0			
38								0			
40								0			
42								0			
44								0			
46								0			
48								0			
50								0			
52								0			
54								0			
56								0			
58								0			
60								0			
62								0			
64								0			
66								0			
68								0			
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72								0			
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82								0			
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88								0			
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92								0			
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96								0			
98								0			
100								0			
102								0			
104								0			
106								0			
108								0			
110								0			
112								0			
114								0			
116								0			
118								0			
120	SS30							0			
122								0			
124								0			
126								0			
128								0			
130								0			
132								0			
134								0			
136								0			
138								0			
140								0			
142								0			
144								0			
146								0			
148								0			
150								0			
152								0			
								0	90-149 cm: silty clay, dark olive gray, laminated, with horizontal, continuous and discontinuous silt layers ≤ 4 mm thick at spacings from 0.5-16 cm; unit with sharp basal boundary		
								0	149-150 cm: silty clay, greenish gray		



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Metadata	
			C	ST	SD	G				Logged By: Night Shift	Date: 2/2/2019
0									Comments		
2											
4						4		0	0-33cm: massive greenish gray bioturbated silty clay		
6										- some dispersed sand grains and granules	
8								0	34, 46, 52, 55 cm: silt laminae		
10								0			
12								0			
14								0			
16								0			
18								0			
20								0			
22								0			
24								0			
26								0			
28								0			
30								0	33cm: gradational contact with dark gray clay		
32								0			
34								0	33-150cm: dark gray clay with few silt laminae		
36								0			
38								0			
40								0			
42								0			
44								0			
46								0			
48								0			
50								0			
52								0			
54								0			
56								0			
58								0			
60								0			
62								0			
64								0	65cm: green clayey pod (glaucorite?)		
66								0			
68								0			
70								0			
72								0			
74								0			
76								0			
78								0			
80								0			
82								0			
84								0			
86								0			
88								0			
90								0			
92								0			
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132								0			
134								0			
136								0			
138								0			
140								0	135cm: small pebble 139cm: bioturbated silt lamina		
142								0			
144								0			
146								0			
148								0			
150								0			
152								0			

CM Scale  
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none

34

55

3

139




CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:	
			c	st	sd	g				Night Shift	2/2/2019	
0	SS-31	None							0	0-11 cm: dark gray clay, structureless		
2									2	11 cm: sharp contact		
4										0	12-14 cm: pebble hole (pebble was assigned to W-half)	
6								4		0	15 cm: pebble, some granules	
8										1	37 cm: pebble	
10											48 cm: silt lamina	
12										0	11-47 cm: greenish gray silty clay with isolated pebbles, massive, bioturbated?	
14										0	ss: silty clay	
16										0	47 cm: gradational contact	
18								2	color banding	0	47-111 cm: olive bioturbated silty clay with weak color banding	
20										0	silt laminae at 89, 97, 108, 110, 112, 126 cm	
22										0		
24										0		
26										0		
28										0		
30								0				
32								0				
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152								0				

IW



CM Scale

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- 150
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SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
		C	ST	SD	G				Night Shift	2/2/2019
	None								<p>0-57 cm: dark gray clay</p> <p>18cm: light-colored band</p> <p>silt laminae at 37-57cm</p> <p>55cm: granule or <u>pebble</u></p>	
					<p>37 ↑</p>  <p>↓ 57</p>					

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			c	ST	SD	G				Night Shift	2/2/2019
										Comments	
0		[Hand-drawn disturbance symbol]	[Hand-drawn lithology symbol]	[Hand-drawn lithology symbol]	[Hand-drawn lithology symbol]	[Hand-drawn lithology symbol]	[Hand-drawn sedimentary structures symbol]	[Hand-drawn sedimentary structures symbol]	∅	0-31cm: greenish gray silty clay - flow in - margin have darker color	
2									∅		
4									∅		
6											
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10											
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26											
28											
30											
32		Flow-in									
34											
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44											
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150											
152											

PAL



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 2-2-19
							Comments	
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152								

CM Scale

SS+TS Sample

Drilling Disturbance

Lithology

Bioturbation Index 0-4

Sedimentary Structures

Pebble Counts  
>4mm  
less than #10

Logged By:  
Day Shift

Date:  
2-2-19

Comments

0-150cm  
olive brown silty clay  
color banded with <sup>very</sup> dark grayish brown 8-16cm 57-61cm  
20-24cm 117-125cm  
30-36cm 130-141cm  
Silty laminae fall within the v. dk grayish brown silty clay  
packages of silt - thinly laminated platy horiz. 3mm thick  
8-16 cm  
20-24 cm  
34-35 cm  
58-61 cm  
87-88 cm  
108-109cm  
Sharp lower boundary, wavy upper (bioturbation?)  
color: lt. brownish gray silts

thinly laminated throughout  
no bioturbation

none

0

0

IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Comments	02-02-19
0											
2											
4											
6											
8											
10											
12											
14											
16											
18						1				olive brown silty clay 0-150 cm	
20										thinly laminated with	
22										packages of thin silt	
24										laminae	
26											
28											
30											
32										prominent silt laminae	
34						34				at 31cm, 55cm, 83cm,	
36										126cm	
38											
40											
42											
44										94-95cm	
46										0.8cm thick <sup>gray</sup> laminae	
48										with sharp contacts —	
50										autogenic? carbonate?	
52										fine silt size	
54											
56											
58											
60											
62											
64											
66											
68						0					
70											
72											
74											
76											
78											
80										123-150 cm thinly laminated with	
82	SS									silt	
84	83.5										
86	#										
88	34										
90											
92											
94	SS										
96	94.5										
98	#										
100	35										
102											
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126						126					
128											
130											
132											
134											
136								2			
138											
140											
142						1					
144											
146											
148											
150											
152											

CM Scale

SS  
83.5  
cm  
#  
34  
SS  
94.5  
#  
35

None

olive brown silty clay 0-150 cm  
thinly laminated with  
packages of thin silt  
laminae

prominent silt laminae  
at 31cm, 55cm, 83cm,  
126cm

94-95cm  
0.8cm thick <sup>gray</sup> laminae  
with sharp contacts —

autogenic? carbonate?  
fine silt size

123-150 cm thinly laminated with  
silt

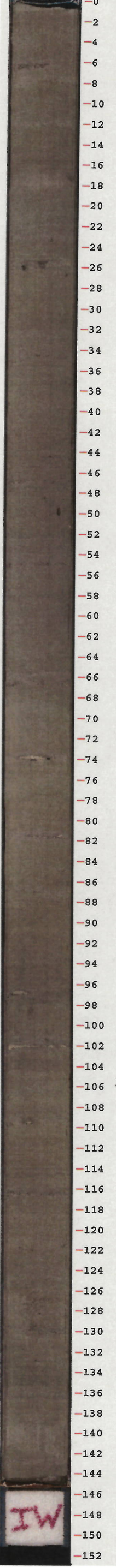
2

1





CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day shift	02-02-19
							Comments	
0							0-146 cm	
2							dark grayish brown silty clay	
4							color banded with gray	
6							prominent band 69-86 cm	
8							of gray	
10							thinly laminated	
12							0-69 cm	
14							86-146 cm	
16							69-86 cm faint silt	
18							laminae	
20							3 mm silt lam. at 6 cm	
22							47-56 cm package of	
24							discontinuous thin	
26							silt < 3 mm	
28							67 cm dis. thin lamina	
30							74 cm dis thin lamina	
32							82 cm " " "	
34							97 cm " " "	
36							102-103 cm continuous	
38							thin silt lam.	
40							lt. brownish gray	
42							117 cm	
44							thin silt lam.	
46								
48								
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98								
100	SS							
102	102.5							
104	cm							
106	#37							
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142								
144								
146								
148								
150								
152								



none

70  
mod  
2  
86

0-146 cm  
dark grayish brown silty clay  
color banded with gray  
prominent band 69-86 cm  
of gray  
thinly laminated  
0-69 cm  
86-146 cm  
69-86 cm faint silt  
laminae  
3 mm silt lam. at 6 cm  
47-56 cm package of  
discontinuous thin  
silt < 3 mm  
67 cm dis. thin lamina  
74 cm dis thin lamina  
82 cm " " "  
97 cm " " "  
102-103 cm continuous  
thin silt lam.  
lt. brownish gray  
117 cm  
thin silt lam.

SS  
102.5  
cm  
#37

IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 02-02-19
							Comments	
0								
2								
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18								
20								
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24								
26								
28								
30								
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50	none							
52								
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82	mod.							
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148								
150								
152								

CM Scale

SS+TS Sample

Drilling Disturbance

Lithology

C ST SD G

Bioturbation Index 0-4

Sedimentary Structures

Pebble Counts  
>4mm  
less than #10

Logged By:

Day Shift

Date:

02-02-19

Comments

22  
0-~~8~~9cm

dark grayish brown  
silty clay

0-23cm  
thinly lam.

23-32cm faintly laminated gray  
silty clay

32-90cm

dark grayish brown  
silty clay

8-26cm package of thinly  
lam. silt (slightly  
darker  
silty clay)

single laminae

34-35cm discontinuous silt lam.

45-46cm discontinuous silt lam.

none

mod.

0

22

slight

0

0



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 02-2-19
							Comments	
0	SS e socru #39	none		mod.		↑	0-150cm Very dark grayish brown silty clay	
2							prominent color banded of gray at 11-12 cm	
4								
6								
8								
10								
12								
14								
16								
18								
20								
22								
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28								
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150								
152								

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day shift	Date: 02-02-19
							Comments	
0								
2								
4								
6								
8								
10								
12				1				
14				slightly				
16								
18								
20								
22								
24					gray			
26								
28								
30								
32					gray			
34								
36				slightly				
38								
40								
42								
44								
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58								
60								
62								
64								
66								
68								
70								
72					gray			
74								
76								
78	SS	none		mod				
80	78 cm							
82	# 40							
84								
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96								
98								
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102								
104				0				
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112						0		
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126						1		
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142								
144								
146								
148								
150								
152								

Dark olive brown silty clay color banded with gray

finely laminated silts throughout

gray color bands are prominent 0-41 cm 74-76 cm

Silt laminae (horizontal planar) 22 cm 33 cm 62 cm

75-82 cm 4(?) fine sand laminae up to 1cm thick disrupted by bioturbation

121-122 cm 3mm silt 127 cm silt lam.

IW

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day shift	02-02-19
							Comments	
0							dark olive brown silty clay	
2							0-36 cm	
4							thinly laminated with silt	
6							36 cm sharp color boundary between	
8							dark olive brown and gray	
10				0		0	36-60 cm gray silty clay	
12							massive with	
14							36-45 with scattered granules & sand	
16							11-21 cm 4 thin silt laminae	
18							discontinuous to continuous	
20							60-150 cm dark olive brown silty clay	
22							60-82 cm faint laminae	
24				mod.			82-150 cm thinly laminated	
26							31-34 cm 2 silt laminae	
28								
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108								
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112								
114								
116								
118							75-75 cm 1 silt lam.	
120								
122								
124								
126								
128								
130								
132							115 cm 1 silt lam.	
134								
136								
138								
140								
142							120-121 cm 1 silt lam	
144								
146								
148								
150								
152								

SS @ 43cm #41

none

mod.

↑

↓

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Comments	
0								
2								
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12								
14								
16								
18								
20								
22								
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26								
28								
30								
32								
34								
36								
38								
40								
42	SS e 41cm #42	none						
44								
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48								
50								
52								
54								
56								
58								
60								
62								
64								
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68								
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150								
152								

0-107cm  
olive brown silty clay  
thinly laminated

9-11cm 2 silt lam.

20-23cm 2 silt lam.

63-70cm 4 silt lam.

79-81cm 1 silt lam.

87cm 1 silt lam.

94-95cm 2 silt lam.

107-108cm sharp contact

-128cm  
gray silty clay  
massive

107-119cm scattered granules and sand

128cm dark grayish  
150cm brown

128-139cm faintly laminated

139-150cm thinly laminated

31  
slight

40

107

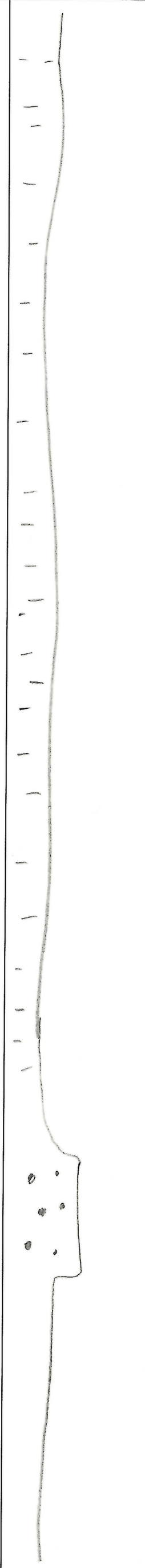
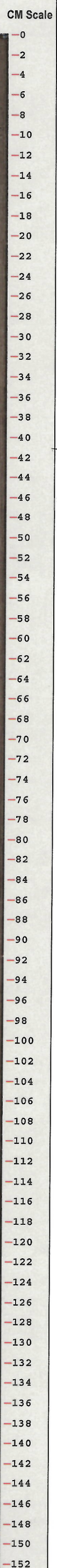
mod.

139

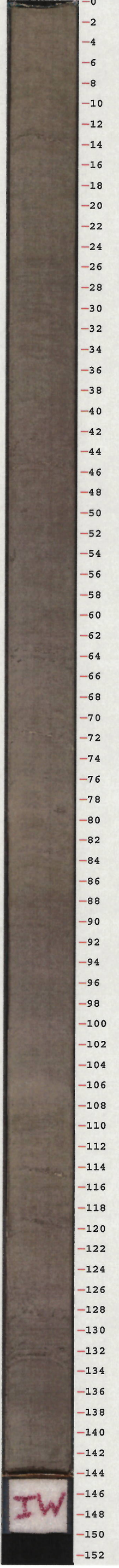
slight

SS  
e  
41cm  
#42

none



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day shift	02-2-19
0							Comments	
2							olive brown silty clay	
4							0-25 cm	
6							faintly laminated	
8							gradational color boundary	
10							25- dark grayish brown	
12							144 cm	
14							thinly laminated	
16							127-129 cm burrow	
18							14 cm thin silt	
20							all laminae are < 3 mm thick	
22							23 cm thin silt	
24							45-46 thin silt	
26							63-65 thin silt	
28							72 cm thin silt	
30							115 cm thin silt	
32							120 cm thin silt	
34							128-135 thin silt	
36								
38								
40								
42								
44								
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56								
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148								
150								
152								



none

Mod

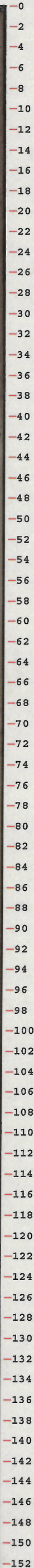
slight


0

IW



CM Scale



SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 02-2-19	
						Comments		
	None		0		↑	0-40cm dark gray silty clay		
							19-20cm silt lam. 30-31cm " "	
							sharp boundary 40-48cm	
						0	<u>gray mud with common clasts</u>	
				40		1	1 pebble @ 41cm	
						0	48-63cm gray silty clay (massive)	
							gradational 63cm-104cm olive brown silty clay	
				mod.			color banded with gray	
							79-80cm 1cm thick discontinuous silt lamina	
							Sharp irregular color boundary	
				107			104- 150 cm dark gray silty clay	
							color banded with gray	
				slight			130-131cm discon. thin silt lam. <3mm	
							134-135cm 1 discon. thin silt	
						↓	144-145cm 1 discontinuous thin silt	

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day Shift	02-2-19
0		↑ none ↓		↑ Slight ↓		↑ 0 ↓	<p>0-64 cm very dark grayish brown silty clay</p> <p>thin laminated color banded with gray</p> <p>40-41 cm 1 burrow (obs. by brighter color contrast 1cm diameter)</p> <p>@ 58cm 3mm discontinuous silt laminae</p>	
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4								
6								
8								
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148								
150								
152								

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day Shift	02-2-19
Comments								
0		↑				↑		
2								
4								
6								
8								
10				0	.....	0		0-16cm very dark grayish brown silty clay
12								
14								
16								
18		← none						0-6 cm thinly laminated
20								
22								
24								6-9.5cm silt bed
26								
28								
30								
32								9.5cm - 16cm
34								thinly lam. silty clay
36								very dark grayish brown
38								
40								
42								
44								
46								
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52								
54								
56								
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PAL

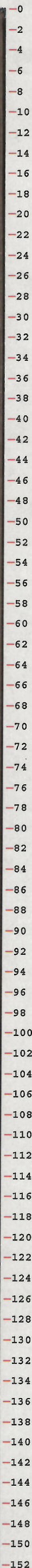


CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:	
							Day shift	2-2-19	
0		None		0			Comments 0-144cm Dark gray silty clay thinly laminated  silt lam. $\leq 3mm$ 10cm, 45cm, 59cm,  67-72cm 3 discov.  83-84cm 1cm thick silt lam.  135-136cm silt laminae 138cm silt lamina		
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46					1				
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66					1				
68									
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148									
150									
152									

IW



CM Scale



SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
						Day Shift	2-2-19
						Comments	
			0			0-131cm dark grayish brown silty clay, thinly laminated	
						22	
						24	
						37.5	
						41	
						78	
						1cm thick silt laminae 123.5-124.5cm light gray	
						Sharp contact 131-132cm gray silty clay massive with scattered granules + sand	

SS  
e  
124

← normal →

↑

↓

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				Day shift	2-2-19
0		none								<p>0-31 cm Gray silty clay with scattered sand and granules 0-10 cm</p> <p>gradational contact</p> <p>31-110 cm dark gray silty clay</p> <p>28-65 cm with gray color bands</p> <p>66-150 cm faint laminations</p> <p>110-150 cm very dark gray silty clay</p>	
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12											
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152											



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 2-2-19
							Comments	
0				0				
2				0				
4				0				
6				0				
8				0				
10				0				
12				0				
14				0				
16				0				
18				0				
20				0				
22				0				
24				0				
26				0				
28				0				
30				0				
32				0				
34				0				
36				0				
38				0				
40				0				
42				0				
44				0				
46				0				
48				0				
50				0				
52				0				
54				0				
56				0				
58				0				
60				0				
62				0				
64				0				
66				0				
68				0				
70				0				
72				0				
74				0				
76				0				
78				0				
80				0				
82				0				
84				0				
86				0				
88				0				
90				0				
92				0				
94				0				
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108				0				
110				0				
112				0				
114				0				
116				0				
118				0				
120				0				
122				0				
124				0				
126				0				
128				0				
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132				0				
134				0				
136				0				
138				0				
140				0				
142				0				
144				0				
146				0				
148				0				
150				0				
152				0				

CM Scale

SS+TS Sample

Drilling Disturbance

Lithology  
C ST SD G

Bioturbation Index 0-4

Sedimentary Structures

Pebble Counts  
>4mm  
less than #10

Comments

Logged By:  
Day Shift

Date:  
2-2-19

none

7cm dis continuous

23cm dis

slight  
s1-s2

0-3cm very dark gray silty clay  
faint thin laminae

3-122cm dark olive brown  
silty clay

color banded from  
3-83cm with very dk.  
gray

68cm pod of silt

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:	
							Day Shift	2-2-19	
0		none		↑ 0 ↓	Scm		<p>0-19cm dark gray silty clay faintly laminated with silt silt at Scm</p> <p>19-50 gray silty clay faintly laminated with silt</p> <p>light gray thin silt laminae</p>		
2									
4									
6									
8									
10									
12									
14									
16									
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152									

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day shift	Date: 2-2-19
							Comments	
0		↑		↑		↑	0-38 cm gray silty clay	
2								
4		↑		↑		↑	0	
6								
8		↑		↑		↑	Silt laminae @ 32cm	
10								
12		↑		↑		↑	32	
14								
16		↑		↑		↑	32	
18								
20		↑		↑		↑	32	
22								
24		↑		↑		↑	32	
26								
28		↑		↑		↑	32	
30								
32		↑		↑		↑	32	
34								
36		↑		↑		↑	32	
38								
40		↑		↑		↑	32	
42								
44		↑		↑		↑	32	
46								
48		↑		↑		↑	32	
50								
52		↑		↑		↑	32	
54								
56		↑		↑		↑	32	
58								
60		↑		↑		↑	32	
62								
64		↑		↑		↑	32	
66								
68		↑		↑		↑	32	
70								
72		↑		↑		↑	32	
74								
76		↑		↑		↑	32	
78								
80		↑		↑		↑	32	
82								
84		↑		↑		↑	32	
86								
88		↑		↑		↑	32	
90								
92		↑		↑		↑	32	
94								
96		↑		↑		↑	32	
98								
100		↑		↑		↑	32	
102								
104		↑		↑		↑	32	
106								
108		↑		↑		↑	32	
110								
112		↑		↑		↑	32	
114								
116		↑		↑		↑	32	
118								
120		↑		↑		↑	32	
122								
124		↑		↑		↑	32	
126								
128		↑		↑		↑	32	
130								
132		↑		↑		↑	32	
134								
136		↑		↑		↑	32	
138								
140		↑		↑		↑	32	
142								
144		↑		↑		↑	32	
146								
148		↑		↑		↑	32	
150								
152		↑		↑		↑	32	

PAL



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 2-2-19
							Comments	
0				1				0-5 cm. v. dark gray diatom bearing silty clay (mud)
2								
4								
6								
8				slight				and 9-65cm Dark gray silty clay
10								Color banded with
12								v. dark gray silty clay
14								
16								
18								
20								
22								
24								
26								
28				1				0-33cm fine silt laminae
30								
32								
34	SS							33-36cm
36	35cm			0				v. dark gray diatom bearing silty clay
38								sharp planar contacts
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								65-68 v. dark gray diatom bearing silty clay
68								
70								
72								66-68 thin silt laminae
74								
76								
78								
80								
82								
84								
86				0				68-112cm dark gray silty clay
88								faintly laminated
90								
92								
94								
96								
98								
100								
102								
104								
106								
108								
110								
112								
114								
116								
118								
120								
122								
124				0				112-115cm diatom bearing silty clay
126								
128								
130								
132								
134								
136								
138								
140				0				122-126cm very dark gray diatom bearing silty clay
142								
144								
146								
148								
150								
152								

None

65 silt. 66-68

89-90

113-115cm 116-117

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day shift	2-2-19
							Comments	
0							0-7.0 cm	
2							Dark gray silty clay	
4							Sandy laminated throughout	
6							7-8 cm	
8							very dk gray diatom bearing silty clay	
10							8 cm - 146 cm	
12							Dark gray silty clay	
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								
36								
38								
40								
42								
44								
46								
48								
50								
52								
54								
56							49.5-51.0 cm	
58							gray color band	
60								
62								
64								
66								
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
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106								
108								
110								
112								
114								
116								
118								
120								
122								
124								
126								
128								
130								
132							134	
134							lt gray discontinuous silt laminae	
136								
138								
140								
142								
144								
146								
148								
150								
152								

None

↑

↑

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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							Day Shift	2-2-19
								Comments
0				1	6	1		Dark gray silty clay 0-146cm 0-19cm faintly laminated 19-97cm thinly laminae 97cm faintly lam.  Silt lam. light gray, ≤3mm at 6, 21, 49, 87, 115 cm
2								
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60								
62	Green lam							
64								
66	SS							
68	66 cm							
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138								
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142								
144								
146								
148								
150								
152								

None

Silt pod at 17cm

Green lam  
SS  
66 cm

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day shift	Date: 2-2-19
							Comments	
0								
2								
4								
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
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30								
32								
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60								
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64								
66						0		
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148								
150								
152								

CM Scale

SS+TS Sample

Drilling Disturbance

Lithology

Bioturbation Index 0-4

Sedimentary Structures

Pebble Counts  
>4mm  
less than #10

Logged By:

Day shift

Date:

2-2-19

Comments

0-137cm

Dark grayish brown silty clay

Slightly laminated

1  
Slight

23

25-26

Silt laminae 25-26cm discontinuous

None

0

67

74

M



CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: Day Shift	Date: 2-2-19
							Comments	
0							0-145 cm Dark gray silty clay Sandy laminated	
2								
4								
6								
8				Slight				
10								
12								
14								
16					16			
18								
20								
22								
24								
26					27			
28								
30								
32								
34					33-34			
36					35			
38								
40								
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60								
62				0				
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138					138			
140								
142								
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148								
150								
152								

SS  
@  
50cm

None

0-145 cm  
Dark gray silty clay  
Sandy laminated  
  
thin silt laminae ≤ 3mm

Slight

16

27

33-34

35

0

70

108

109

138

100

100

110

CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:		
							Day Shift	2-2-19		
Comments										
0		↑ none ↓		1 slight		↑ 0 ↓	Dark gray silty clay			
2			0-23 sandy laminated							
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CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: <i>Day shift</i>	Date: <i>2-2-19</i>
							Comments	
0							0-28 cm Dark gray silty clay thinly laminated throughout	
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PAL