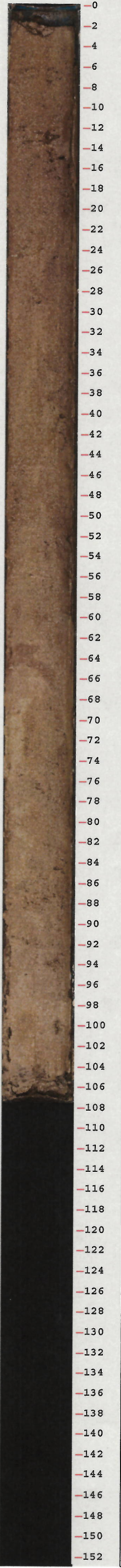


CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
							JPK	02/28/19
Comments								
0							0-14 cm: Dark grayish brown bio-bear. clay	
2							Massive	
4							14-77 cm: Grayish brown biosil.-bear. clay	
6								
8								
10							37-38 cm: Dark gray mottles	
12							77-150 cm: Dark grayish brown silty clay	
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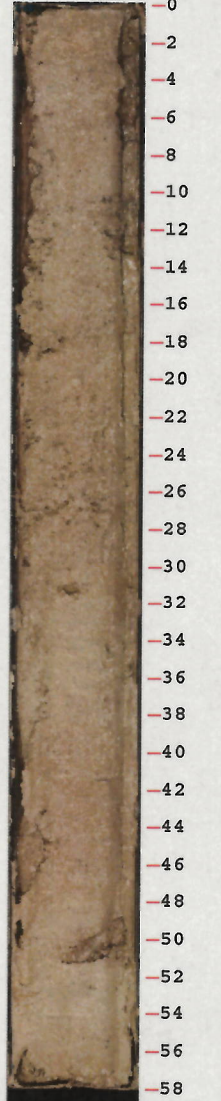
38
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Note:
Core was mis-fired and may contain significant drilling disturbance.
→ Mag. sus. very uniform

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				EAC	2-28-19
0									Comments		
2											
4									0-60cm Dark grayish Brown ^{coar.} diatom with lighter brown patches. Irregular vertical color variations occur that appear to result from drilling disturbance.		
6											
8									appears massive		
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50	SS										
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56								0			
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60									60-107cm Grayish brown clay with brown irregular patches		
62											
64									appears massive		
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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				EAC	2-28-19
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Grayish brown biosiliceous bearing clay
mottled with dark grayish brown
massive

27cm - clay
8% biosiliceous

SS
27

4

0

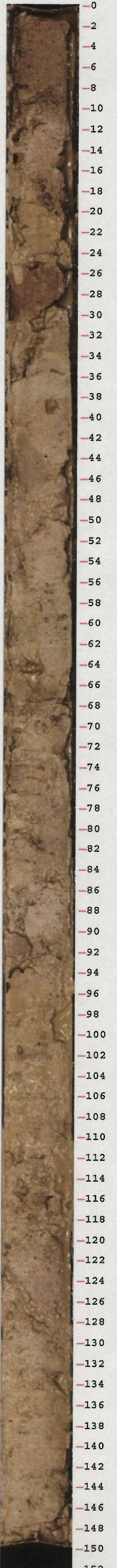
CM Scale	SS+TS Sample	Drilling Disturbance	Lithology				Bioturbation Index 0 - 4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By:	Date:
			C	ST	SD	G				EAC	2-28-19
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PAL



0-10cm Grayish brown clay
massive

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				JPK	02/28/19
0									Comments 0-11cm: Dark yellowish brown diatom-ooze Faintly laminated 11-25cm: Brown clay Massive 25-150cm: Dark yellowish brown diatom ooze Faintly laminated - Dark gray mottles throughout possibly Mn-oxide? Dispersed granules 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	Logged By:	Date:
			C	ST	SD	G				JPK	02/28/2019
0									0-150 cm: Brown diatom-ooze Appears Massive Pale brown mottles throughout		
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119-137 cm: Dark gray mottling

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				JPK	02/20/19
0									Comments		
2											
4									0-96 cm: Yellowish brown clay color banded with brown		
6											
8									Dark mottles between 63 and 95 cm		
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12									Tr biosiliceous		
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0-96 cm: Yellowish brown clay color banded with brown

Dark mottles between 63 and 95 cm

Tr biosiliceous

96-150 cm: Yellowish brown biosiliceous-bas. clay with dark gray mottling from 133-150 cm

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				EAC	2-28-19
0									0-109 cm yellowish brown diatom 3 pale brown color bands 0-5cm ooze with patches of pale brown diatom ooze some are outlined with black mottles black mottles increase towards the bottom massive		
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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:
							EAC	2-28-19
Comments								
0		flow w		0		0	0-12 cm Grayish brown clay with a oval patches of grayish brown silt, sharp contacts result of drilling	
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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: JPK	Date: 02/28/19
							Comments	
0							0-150 cm: Brown clay with grayish brown color bands Massive - Dark gray mottles throughout - Dispersed sand grains throughout (SS) Diatom-rich	
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- SS

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(SS) Diatom-rich

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: JPK	Date: 02/28/19
							Comments	
0	SS	e k o k	[Hand-drawn lithology profile]	↑ 3 ↓		↑ 0 ↓	<p>0-150 cm: Brown ^{silty} clay color banded with dark yellowish brown</p> <ul style="list-style-type: none"> - Dark gray mottling between 70 and 110 cm - Three mottled bands from 23-25 cm, 37-44 cm, 58-60 cm <p>142-150 cm: color banding with greenish gray</p>	
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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: JPK	Date: 02/28/19
							Comments	
0							0 - 74 cm: Greenish gray silty clay Massive Diatom rich 2-42cm: gray mottles 44cm: yellowish brown mottle 74-150 cm: yellowish brown silty clay biosiliceous-bearing - 74-77cm: gray mottles - Light gray color bands from 128 to 139 cm	
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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: JPK	Date: 2-28-19
							Comments	
0	SS 10 cm			↑			0-77 cm: Yellowish brown clay color banded with brown Massive - Dark gray mottling between 30 and 33 cm, 41 and 46 cm and 49 and 57 cm - Dispersed sand grains throughout - Traces of diatoms	
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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				JPK	2-28-19
										Comments	
0		none						0	0-16 cm: yellowish brown clay massive		
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PAL

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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0-49 cm Light olive brown muddy diatom ooze with mottling and surface voids

49-149 cm Gray silty clay with mottles and cyclic changes in color. Surface voids between 49-96 cm

149

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:
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0-24 Grayish brown silty clay with faint mottling and deformed black lamina at 5cm. Lower gradational boundary from 21-27cm

24-75cm Pale brown diatom bearing silty clay with surface voids throughout and rare mottling

75-80cm Grayish brown silty clay with mottling

80-128cm Pale brown diatom bearing silty clay with surface voids, dark brown mottling and deformed and/or discontinuous black lamina. Distinct sand lamina at 127cm

Black laminae at 98, 105-103, 110 and 124 cm

128-151cm Grayish brown silty clay with mottling and distinct sand lamina at 129cm

151

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				BR	1/3/19
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2										0-97cm Pale brown to light yellowish brown silty clay with color changes, and intervals of bioturbation and black mottling	
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106						2				97-113cm Pale brown muddy diatom ooze with mottling + bioturbation	
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grayish

light brown with black mottles
dark brown bioturbated

oo

oo

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oo

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				BR	1/3/14
0										Comments 0-150. Pale brown to light yellowish brown color banded silty clay with bioturbation, mottles, discontinuous black lamina at 13-17cm and sand pods at 42-49cm and 57-62cm.	
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dark brown grey laminae

bioturbated dark brown

concentration of black mottles



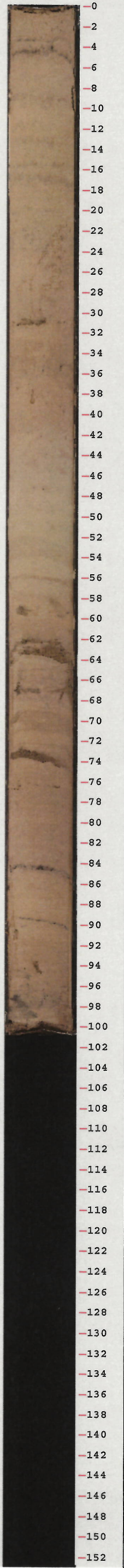
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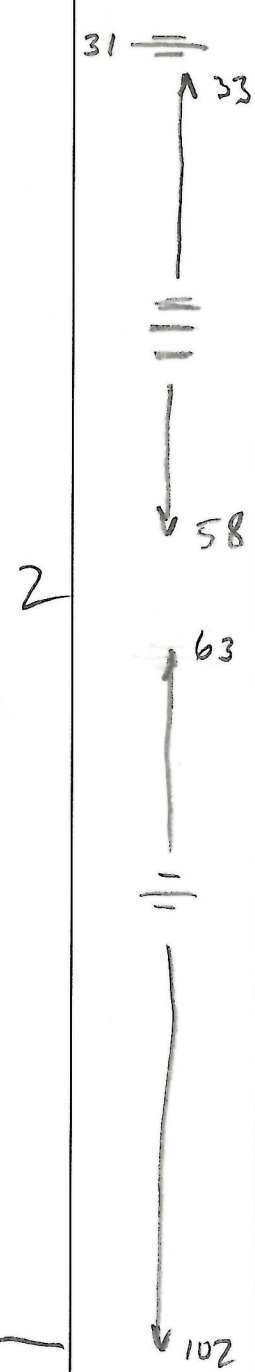
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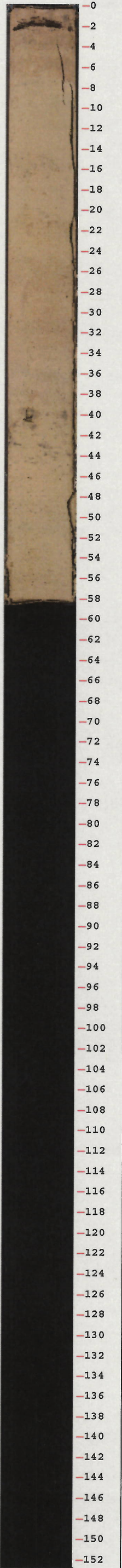
CM Scale	SS+TS Sample	Drilling Disturbance	Lithology C ST SD G	Bioturbation Index 0-4	Sedimentary Structures	Pebble Counts >4mm less than #10	Logged By: SP	Date: 3/1/19
							Comments	
0						∅	0-33 cm: pale brown silty clay, moderately bioturbated 0-22 cm: dark gray to black laminae / horizons < 1 cm thick 31 cm: silt lamina 33-58 cm: color-banded very pale brown and light yellowish brown silty clay 43 cm: sharp, bioturbated contact of color bands 58-102: yellowish brown silty clay - < 1 cm thick coarse silt laminae (brown) at 63-76 cm - < 0.5 cm thick laminae with black grains (Mn-oxide?) at 86-102 cm 80 cm, SS: silty clay	
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light yellowish brown
very pale brown



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:
							SP	1/3/2019
Comments								
0					= 2			0-7cm: yellowish brown silty clay
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8					↑ 7			2cm: dark brown silt lamina
10								7cm: bioturbated contact
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30								7-59cm: very pale brown silty clay
32								- dark mottles throughout
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42								40cm: pebble
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46								40-46cm: darker black staining
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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:
							SP	1/3/19
Comments								
0						∅	0-25cm: very pale brown silty clay - dark mottles throughout 15cm: pebble	
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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:
							SP	3/1/19
0	39	fall-in				∅	<p>0-80 cm: color-banded very pale brown and light brown clay clay</p> <p>- black mottling 49-110 cm, 123-130 cm</p>	
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Light brown

fractured

light brown

ss 73 cm: clay - 15% silt

80-89 cm: pale brown biosiliceous-beamy clay
 ss 85 cm: clay, 18% bio siliceous

93-94 cm: pebble

89-151 cm: color banded very pale brown and light brown clay clay

fall-in

ss

151

2

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49

80

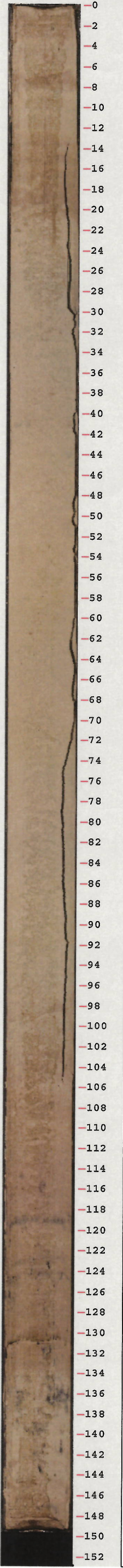
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110

123

130

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:
							SP	3/1/19
0							<p>0-21cm: color-banded very pale brown and light brown clay - black mottly</p> <p>21-104cm: very pale brown biosiliceous-rich clay - minor mottly at 41cm - mostly massive</p> <p>SS 71cm: clay ~25% biosiliceous 17% silt</p> <p>104cm: gradational color change 104-151cm: color banded pale brown and light brown clay</p> <p>120-126cm: dark gray laminae or horizon SS 127cm: clay, 10% silt 114-151cm: black mottly</p> <p>132cm: silt lamina 135cm: sharp planar contact, bioturbated</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:
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SS

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SS

Cracked

0-33cm Pale brown clay with continuous to discontinuous black laminae. Sand pool at 13cm. Black lamina at 9, 23, 24, 30 and 31cm. Faint mottling.

33-48cm Brown to gray color banded clay with bioturbated lower boundary.

48-71cm Dark olive brown, dark grayish brown and dark gray color banded clay silty clay with sand pods.

71-101cm Gray to dark olive brown color banded clay with faint mottling and rare sand pods.

101-106cm Normally graded yellowish brown sand bed with erosive lower boundary.

106-116cm Greenish gray massive biosilicious bearing clay.

116-145cm Gray to dark olive brown color banded biosilicious bearing clay with faint mottling.

145

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				BJR	1/3/19
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