

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:
							Ruthie	2/28/19
0							Comments	
2							0-8: greenish gray biosiliceous-bearing clay dispersed sand and granules common	
4	SS77			2		0		
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10							8-13: VOID	
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152								

VOID

slight faulting

color-banded

28

31

in working half

59

68

80

95

100

125

126

147

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				Ruthie	2/28/19
0									Comments		
2						↑		○	0-147: dark greenish gray silty clay		
4						↓		↓	dispersed sand and granules faint green bands throughout faintly laminated		
6											
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22									22: slightly deformed silt lamination		
24											
26											
28		slight faulting/kerfing							cm-thick normally graded sequences, silt to silty clay		
30									sequences occur above discrete silt laminations		
32									possible bioturbation; green mottling at 79, dark mottling at 96		
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62								59: deformed discontinuous 2-4 mm thick silt lamination framed by laminations of black fine sand grains			
64											
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76											
78								76: 2 mm granule (black)			
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150											
152											

CM Scale

slight faulting/kerfing

slurry
mod. slurry

22

20
↑ F 22

28
↑ F 29

57
↑ F 59

98
↑ F 96

cm-thick normally graded sequences, silt to silty clay
sequences occur above discrete silt laminations

possible bioturbation; green mottling at 79,
dark mottling at 96

deformed
59: discontinuous 2-4 mm thick silt lamination
framed by laminations of black fine sand grains

76: 2 mm granule (black)

99-100: cm-thick washed-out silt lamination

109: 3mm long axis red granule

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				Ruthie	2/28/19
0									Comments 0-147: dark greenish gray silty clay faint laminations, faint green bands dispersed sand and granules folded/discontinuous silt laminae: 12-14, 18-20, 119-120, 123 37: nest of 1-2 mm grains (???) 44: ~3mm x ~1mm sediment lens/pod (soft sed. intraclast?) 64, 66: silt pod/lenses 100: 3mm black granule 119: 3mm black granule		
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150											
152											

mod slurry (disrupted?)

SS79

12
14
18
20
37
44
64, 66
100
119
120
123

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: 2/28/19
							Comments	
0						∅	0 - 150 cm: dark greenish gray thinly laminated silty clay - discrete silt laminae at 53cm, 111cm, 115cm 36cm: pyritized sediment clast or burrow? 69cm: granule 95cm: small pebble ∅ 0.5cm dark igneous or metamorphic? 134-138cm: dispersed sand	
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152								

biscuiting

○ 36

36cm: pyritized sediment clast or burrow?

69cm: granule

95cm: small pebble ∅ 0.5cm dark igneous or metamorphic?

134-138cm: dispersed sand

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	2/28/19
0							Comments	
2							0-83cm: dark greenish gray thinly laminated silty clay; dispersed sand	
4							7-8cm: pod of granules and sand	
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26							29cm: pyritized grains or burrows?	
28								
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34							37cm: sand pod or sediment clast?	
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58							65cm: granule	
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74							83cm: sharp contact	
76								
78								
80							83-90cm: greenish gray biosiliceous rich silty clay - more dispersed sand at 83-85cm	
82								
84							87cm: silt lamina	
86								
88							93cm: green lamina	
90								
92							90-136cm: same as 0-83cm	
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152								

highly deformed and fractured

biosiliceous w/ slurry

green lamina

136



MBIO

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				SP	2/28/19
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CM Scale

flow-in

110

X

∅

0-67cm: dark greenish gray silty clay

↓

54cm: small pebble

|

∅

67-74cm: carbonate lamina/clast deformed by drilling
SS 72cm: carbonate (no reaction with HCl) - fine-grained clay-size grains, sorted

↓

74-110cm: same as 0-67cm vertical structure is drilling disturbance

↓

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	2/28/19
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PAL

0-23 cm = dark greenish gray silty clay
-vertical structure is drilling disturbance