

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:
							JK KH	2019/2/19
								Comments
0		↑		0	2cm =		0-2 cm = dark greenish gray silty clay Thinly laminated	
2		↑		↑	9cm		2-39 cm = greenish gray clast-poor muddy diamict	
4		↑		4			2-9 cm = faint, discontinuous laminae	
6		↑		↑			2-39 cm = complete bioturbated	
8		↑		↑			bottom boundary = gradational (upper boundary = sharp)	
10		↑		↑			39- : very dark greenish gray bottom silty clay	
12		↑		↑				
14		↑		↑				
16		↑		↑				
18		↑		↑				
20		↑		↑				
22		↑		↑				
24		↑		↑				
26		↑		↑				
28		↑		↑				
30		↑		↑				
32		↑		↑				
34		↑		↑				
36	SS	↑		↑				
38		↑		↑				
40		↑		↑				
42		↑		↑				
44		↑		↑				
46		↑		↑				
48		↑		↑				
50		↑		↑				
52		↑		↑				
54		↑		↑				
56		↑		↑				
58		↑		↑				
60		↑		↑				
62		↑		↑				
64		↑		↑				
66		↑		↑				
68		↑		↑				
70		↑		↑				
72		↑		↑				
74		↑		↑				
76		↑		↑				
78		↑		↑				
80		↑		↑				
82		↑		↑				
84		↑		↑				
86		↑		↑				
88		↑		↑				
90		↑		↑				
92		↑		↑				
94		↑		↑				
96		↑		↑				
98		↑		↑				
100		↑		↑				
102		↑		↑				
104		↑		↑				
106		↑		↑				
108		↑		↑				
110		↑		↑				
112		↑		↑				
114		↑		↑				
116		↑		↑				
118		↑		↑				
120		↑		↑				
122		↑		↑				
124		↑		↑				
126		↑		↑				
128		↑		↑				
130		↑		↑				
132		↑		↑				
134		↑		↑				
136		↑		↑				
138		↑		↑				
140		↑		↑				
142		↑		↑				
144		↑		↑				
146		↑		↑				
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:
							JK KH	2019/2/19
Comments								
0		↗		↗		↗	0-bottom = very dark greenish gray, silty clay.	
2		—		—		—	thinly laminated	
4		—		—		—	49-50 cm = bioturbation structure (worm tube?)	
6		—		—		—		
8		—		—		—		
10		—		—		—		
12		—		—		—		
14		—		—		—		
16		—		—		—		
18		—		—		—		
20		—		—		—		
22		—		—		—		
24		—		—		—		
26		—		—		—		
28		—		—		—		
30		—		—		—		
32		—		—		—		
34		—		—		—		
36		—		—		—		
38		—		—		—		
40		—		—		—		
42		—		—		—		
44		—		—		—		
46		—		—		—		
48		—		—		—		
50		—		—		—		
52		—		—		—		
54		—		—		—		
56		—		—		—		
58		—		—		—		
60		—		—		—		
62		—		—		—		
64		—		—		—		
66		—		—		—		
68		—		—		—		
70		—		—		—		
72		—		—		—		
74		—		—		—		
76		—		—		—		
78		—		—		—		
80		—		—		—		
82		—		—		—		
84		—		—		—		
86		—		—		—		
88		—		—		—		
90		—		—		—		
92		—		—		—	93-94 cm = carbonate cemented sandstone (thin internal laminae)	
94		—		—		—		
96		—		—		—		
98		—		—		—		
100		—		—		—		
102		—		—		—		
104		—		—		—		
106		—		—		—		
108		—		—		—		
110		—		—		—	120.5-121.5 cm = same as 49-50 cm sediment (bioturbated structure, worm tube?)	
112		—		—		—		
114		—		—		—		
116		—		—		—		
118		—		—		—		
120		—		—		—		
122		—		—		—		
124		—		—		—		
126		—		—		—		
128		—		—		—		
130		—		—		—		
132		—		—		—		
134		—		—		—		
136		—		—		—		
138		—		—		—		
140		—		—		—		
142		—		—		—		
144		—		—		—		
146		—		—		—		
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:
							JK KH	2019/2/19
Comments								
0								
2								
4								
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								
36								
38								
40								
42								
44								
46				0				
48								
50								
52								
54								
56								
58								
60								
62								
64								
66						0		
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								
102								
104								
106	SS				ccccccccc			
108								
110								
112								
114								
116								
118								
120								
122								
124								
126								
128								
130								
132								
134								
136								
138								
140								
142								
144								
146								
148								
150								
152								

0 - bottom = very dark greenish gray silty clay, thin lamination.

2cm = silt lens.



105.5 cm : discontinuous irregular black laminae (bioturbation by worm tube?)

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:
							JK - KH	2019/2/19
Comments								
0				↑		↑	0 - bottom: very dark greenish gray silty clay thinly laminated.	
2								
4								
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								
36								
38								
40								
42				0		0		
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								
102								
104								
106								
108								
110								
112								
114								
116								
118								
120								
122								
124								
126								
128								
130								
132								
134								
136								
138								
140								
142								
144	SS							
146								
148								
150								
152								

88-91 = wavy laminae, with silt lense

light gray
 141 cm = carbonate cemented sandstone including black laminae
 146 cm = same as 141 cm

146 cm base = very dark greenish gray silty clay thinly laminated

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:
							JK, KH	2019/2/19
Comments								
0				↑		↑	0-69 cm = very dark greenish gray (bottom) silty clay. thinly laminated. 17 cm = silt lense. 40.5-42.5 cm = wavy laminae with a silt lense. (3mm thick) 58 cm = discontinuous, irregular, black lamina possible bioturbation structure (worm tube?) → pyritized.	
2								
4								
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28				0		0		
30								
32								
34								
36								
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								
70							69cm	
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								
102								
104								
106								
108								
110								
112								
114								
116								
118								
120								
122								
124								
126								
128								
130								
132								
134								
136								
138								
140								
142								
144								
146								
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:
							JK KH	2019/2/19
								Comments
0		—		↑		↑	0-15 cm = very dark greenish gray silty clay thinly laminated.	
2		—		0		0		
4		—		↓		↓		
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								
36								
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								
70								
72								
74								
76								
78								
80								
82								
84								
86								
88								
90								
92								
94								
96								
98								
100								
102								
104								
106								
108								
110								
112								
114								
116								
118								
120								
122								
124								
126								
128								
130								
132								
134								
136								
138								
140								
142								
144								
146								
148								
150								
152								

PAL