

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18, 22
			Comments	
0		Nano fossil chalk	N8, laminated hard biscuit.	
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26			biscuit, with lamination.	
28				
30				
32				
34				
36				
38				
40				
42			biscuit	
44				
46				
48				
50				
52				
54				
56			biscuit	
58				
60				
62				
64				
66				
68				
70				
72				
74				
76			soft sediments/ drilling slurry, bowed layer.	
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				

Logged By:

DJ

Date:

Feb 18, 22

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

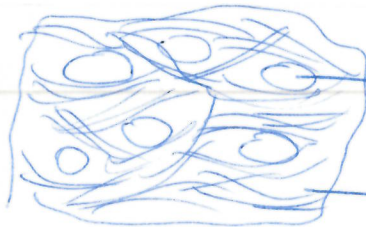


Nanno fossil chalk

N8, laminated soft sediment

→ bivalves

→ soft sediments




Bivalve with bio-turbation

→ white, circular burrows.

→ crisscrossing green laminae

→ soft sediments



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Nanno fossil Chalk	DJ	Feb 18, 22
2			NS, laminated intense green bioturbation, layering, white burrows.	
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

Logged By:

SH & HC

Date:

18/02/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

Nonno
Barro
Chalk

greyish white, bioclasts (medial)
) - dark infills

Prader

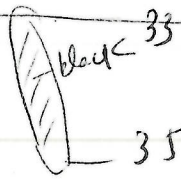
greenish gray; bioclasts
medial

23 cm

33 cm

dark patch of pyrite

38 m

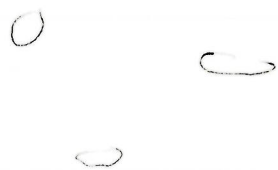


drilling destruction
(bisect)

105 cm

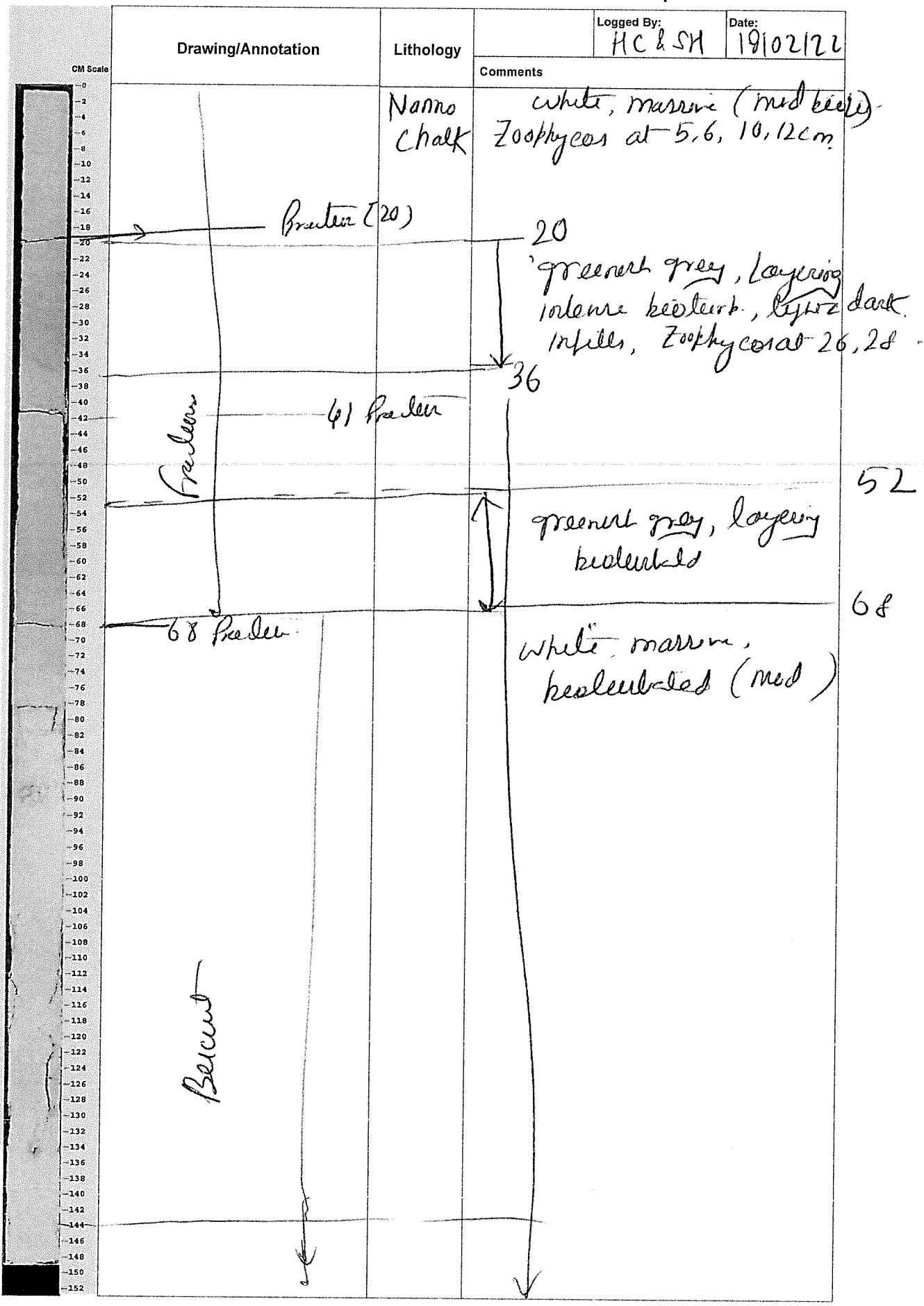
Prader

light infills at
bottom



1W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH & MC	18/02/22
			Comments	
0		Nanno Chalk	gray white, moderate keolentation (both lvs & dark infills), layering (described by keolentation)	
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30			30	
32			Color change to slightly more greenish moderately keolentat-	
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			91cm	
92			gley 7/56y (greenish gray)	
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	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SM	18102122
			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 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		nano chalk ↓	white, massively bedded, severely fractured filling disturbance	



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH + PC	2/18/22
			Comments	
0 - 18		nanno chalk slightly discolored	sparsely burrowed massive white to light greenish grey	
18 - 36			drilling disturbance the rest of the section is slightly fractured @ 62, 92-94, 100, 105 + 125cm	
36 - 43			gradational 43	
43 - 56			darker white to greenish grey layered but can't distinguish - disturbed by bioturbation & intense gradational contact 56	
56 - 71			moderate bioturbation 71	
71 - 81	darker due to intense bioturbation		81	
81 - 125			moderate bioturb the layering is hard to see massive	
125 - 152	Reddish patch			

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH + PC	2/18/22
			Comments	
0		Newno Chalk	Reddish brown white greenish gray w/ light reddish brown intervals throughout the interval, massive bedding Zoophycus burrows moderate moderate bioturbation throughout . slightly fractured @ 47, 87, 94.5, + 122cm	
2				
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				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

SH+PC

Date:

2/19/22

Comments

nono
chalk

white to light greenish gray w/
slight light reddish tint,
slight bioturbation, massively bedded

• Darker redder than above
• massive bedding
• moderate to intense bioturbation
12cm 7.5xR (6/2)

various types, some
zoophycus burrows
& planolites but also
others throughout

• slightly fractured @
605, 92, 110, 118,
123, + 128cm

76cm XRF taken in
reddish + undisturbed
interval



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH + PC	2/19/22
			Comments	
0		nanno Chalk	<ul style="list-style-type: none"> massive whight to light gray Same as sec 2 moderate bioturbation faint patches z w/ reddish hues Slightly fractured ⊗ 35, 64, 90, 110 cm 	
-2				
-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				



Logged By:

SH+PC

Date:

2/18/2

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

nanno
chalk

• white to light greenish gray

• greenish bands @
88-89, 115, + 118-19cm

• massive bedding

• moderate bioturbation

• Slightly fractured @

23, 42, 60, 84, + 103cm

greenish bands

Slight
mottling



Logged By:

SH+PC

Date:

2/18/22

Drawing/Annotation

Lithology

Comments

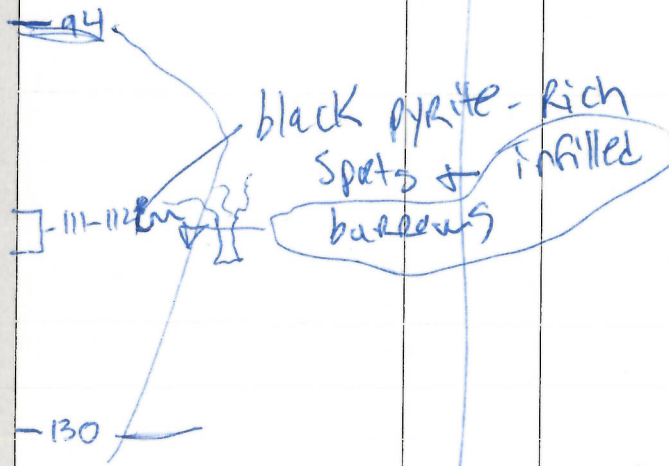
CM Scale

0
2
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

namo
Chak

- slightly fractured @ 35'
- massive but mottled w/ black specks
- slightly fracturing
- white to light greenish gray
- moderate bio-turbation

28, 48, 63, 81' + 10' on



Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
	name chalk ↓	a massive but mottled w/ black specks • no drilling disturbance	

CM Scale

- 0
- 2
- 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

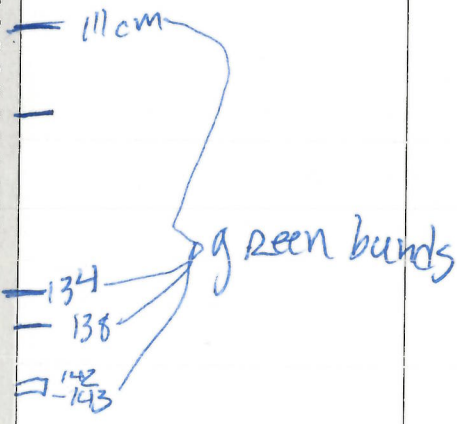
Drawing/Annotation	Lithology	Logged By:	Date:
		SH + PC	2/15/22
Comments			
	normo chalk	<ul style="list-style-type: none"> • massively bedded • mod bio turb. • some to Zoophycos burrows, • black specs may be infilled w/ pyrite • to some faint gradational color change to slightly darker light gray greenish gray • drilling disturbance is slight fracturing ① 22 + 81.5cm 	

CM Scale

0
-2
-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

I
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:		
			Comments			
0		nanno chalk	SH & PC	2/18/22	<ul style="list-style-type: none"> • massive • moderate bioturb. • white to light greenish gray 	
2						
4						
6						
8						
10					gradational	23 cm
12					<ul style="list-style-type: none"> • massive • intense bioturb. • slightly darker on light green than above • some black (pyrite?) specks 	47 cm
14					<ul style="list-style-type: none"> • massive • moderate bioturbation - intensity of bioturb. decreases down hole • black flecks throughout prob. pyrite. • small sand-sized grains and voids, possibly by dissolution 	
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	111 cm					
112						
114						
116						
118						
120						
122						
124						
126						
128						
130						
132						
134	134					
136	138					
138						
140						
142	142-143					
144						
146						
148						
150						
152						



• slightly fractured @
 53, 56, 79, 86, 99,
 118-120, 136, + 143 cm

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH + PC	2/19/22
			Comments	
0 - 20			massive w/ occasional green layers • occasional black specks/nodules	
20 - 24	decker green interval 7/10 cm		sharp greenish laminated interval w/ bioturbation sharp	
32 - 36	black-gray burrow			
48 - 52	green band - looks somewhat laminated 		more heavily bioturbated	
64 - 68	green bands, ^{med} laminations		Drilling disturbance	
72 - 76	green bands		0-87cm = slightly fractured	
80 - 84	83.5 green bands	sharp greenish darker w/ thin lamination	@ 3, 19, 23, 53, 56, 69, 81cm	
84 - 88	97cm green bands	sharp	7-107cm = biscuited moderately	
88 - 92			87-bottom = slightly fractured	
92 - 96	burrow		@ 126 + 143 cm	
104 - 108			inter laminations	
114 - 118	114cm Distinct black band w/ thin green lamination on top			
126 - 130	green interval w/ possible thin laminations		sharp darker greens laminated	
130 - 134			sharp	
144 - 148	black infilled burrow			

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Nanno chalk	SH JPC	2/18/22
2				
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				

massively bedded w/ moderate bio-turb. top to 78cm
 Trilling disturbance
 • Slightly to ~~moderately~~ fractured
 @ 18-21, 27, 54 + 68cm
 • 78 to 87cm moderately fractured
 • 91-~~90~~ 110 = slightly biscuited
 • Slight fracture @ 115cm
 • 124-134 = severely fractured

brown staining burrow

black ~~ink~~ infilled burrow

concentric circles shell fragment OR silicified/infilled burrow

took close-up @ 102cm

124
 some sparse thin laminations, darker green
 143

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		nanno chalk	SH JPC	2/15/12
2				
4				
6				
8				
10				
12				
14				
16				
18	burrow infill or pyritized shell fragment			
20				
22				
24	18cm = thin green lamination			
26				
28				
30				
32				
34				
36				
38				
40	- black nodule			
42				
44				
46				
48				
50				
52				
54				
56				
58				
60				
62				
64				
66				
68				
70				
72				
74				
76				
78	black pyrite burrow infill, or no dye			
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				

• massive
• white to light greenish grey

Drilling disturbance
some drilling biscuits
throughout, moderate

• bioturbation - moderate



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			SIT+PC	2/18/12
2				
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				



• massive
 • white to light greenish gray
 • moderately fractured
 @ 5-6cm
 • moderately bioturbated

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH & PC	18/2/22
			Comments	
0-30	Drilling disturbance moderate biscuited	non-chalk	<ul style="list-style-type: none"> white to light greenish grey mottled w/ gray spots, probably pyrite greening severe bioturbation 	
40-50	<p>burrow w/ white infilling</p> <p>looks like it has been rotated - biscuit</p>		<p>19.42, 63.10, 145.5</p>	
85	85cm slight fracture			



Drawing/Annotation	Lithology	Logged By:	Date:
		SH & PC	18/2/22
		Comments	
	non-chalk	<ul style="list-style-type: none"> white to light greenish gray mottled w/ gray to black grains & patches intense bioturbation Drilling disturbance slightly fractured 18, 41.5, 58, + 97cm 	
 <p>burrow infilled w/ pyrite?</p>	boundary	<p>looks erosive or scoured & heavily bioturbated</p>	
 <p>lenticular burrows? OR remnants of shell fragments</p>	<p>Dark greenish</p>	<p>gradational Bioturbated</p> <p>color is a bluish green 8/5 in GLE 2</p> <ul style="list-style-type: none"> mottled intense bioturb 	

CM Scale

0
2
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

11w

Logged By: STH + PC Date: 2/18/22

CM Scale

0
2
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
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

Drawing/Annotation

Lithology

Comments

Name
chalk

- ~~white~~ to light greenish gray
- ~~massively~~ massively bedded
- moderately bioturbated except the intervals noted

~~heavily bioturbated w/~~

~~bioturbated boundary~~

42 cm

more tiny circular burrows than zoophytes + maybe shallowing

crustacea

Drilling disturbance

- 0-100 cm = slightly fractured @ 45, 63, + 79 cm
- 100-130 cm = moderately fractured @ 104-106 cm, 114, + 129 cm

~~bioturbated boundary~~
~~heavily bioturbated~~
~~gradation~~

• tiny burrows

same color as above + below

color is 8/5B GLEY2
Light bluish gray
+ mottled

~~Hand-drawn sketch of a boundary or feature.~~

~~Hand-drawn sketch of a feature.~~

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-17	Drilling disturbed 0-17cm Brecciated	namo chalk	SH + PC	2/18/27
18-95	then 18 - 95cm - slightly			white to light greenish gray bluish massive bedding
				Fractured @ 36, 56.5 + 93cm
41-42				Bioturbated contact 41cm
42-44		namo Chalk w/clay		white to light reddish brown
				8/5GY - GLE 1
				Some tiny white infilled burrows - intense bioturbation
				planolites?
				weirdly shape burrows
				finy burrows
134-144				gradational Boundary 144cm
144-150		namo chalk		light greenish gray massive moderate bioturbation

Becomes more reddish brown down-section



Logged By:

SH+PC

Date:

2/19/22

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

Drilling disturbance

Fractured moderately

27

Biscuited highly

41

62

biscuited ~~highly~~ highly

74

Fractured moderately to


82

narrow crack

- light to greenish gray
- massive

- moderate bioturbation



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0	 2cm moderately fractured	nanno Chalk	SH + PC	2/18/12
2				
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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		nanno chalk	SH + PC	2/18/22
2				
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	vertical clast or infilled burrow			
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				

7) 104 - 62E4
 light greenish gray w/ reddish tint
 • massive
 • heavy bioturbation

Bioturbated boundary 39cm

8/10G light greenish gray
 • massive
 • sparse matting of black specks
 • moderate bioturbation

vertical clast or infilled burrow

interesting burrows

Drilling disturbs

42 - 47 = slight fracturing
 58 - 66 cm = biscuted
 102 - ~~bottom~~ 131 = slightly fractured @ 103, 109, 113, 135 cm
 142 - bottom = biscuted

Logged By:

SH + PC

Date:

2/18/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

light greenish gray w/ slight reddish tint
moderate bi-turbation

biscuiting

light greenish gray
w/ redder intervals
~~moderate~~ intense
~~intense~~ bi-turbation
lots of distinct & interesting burrows

85 Slight
fracturing
87

119 slight fracturing
121

dark pyrite in filled narrow
pyrite (?) nodules

11W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			SH+PC	2/18/22
2				
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				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

SH+PC

Date:

2/19/27

Comments

Narrow
Chalk
with
clay

Abundant zoophycos
burrows; pinkish gray
()

48
50
52
greenish grey patch

V-veined burrow

V-veined burrow

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Noano Chalk		
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26		Noano Chalk meet clay		
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				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Noano Chalk

Mainly ~~green~~ white patch at top (drilling disturbance)

Noano Chalk meet clay

drilling dist (burrows)



vertical burrow (working half resembled well) (Y) - 1

dark infills burrow

Zoophytes at bottom part

K2

greenish grey (low bioherms) matrix

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Nano clastic		
2				greenish gray, massive (lenticles)
4				sharp boundary
6				overlie the ^{red} lamination (cross way)
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
44				
46	51			
48				
50				
52				
54	55			
56				
58				
60	57 59			
62				
64				
66	61			
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				

Nano chalk with clay

↑ Tiny white burrows
below 21-30cm

↑ Thin green band

↑ Thin green band

Logged By:

SH2PC

Date:

18/2/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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

Nannochalk greenish white, fine, Mod bioturb. (white)

Fragmented (related class) - Mod.

Nanno chalk with clay

Mod Mod. beak-like, pinkish gray, low intensity, higher at some zone. Occasional greenish white patches.

Intense

Tronny white horizon rich bar



crossing burrows

Intense



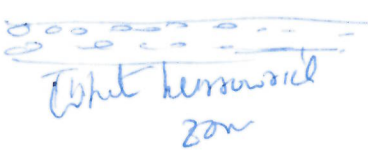
crossing burrows

Intense

11w

CM Scale

0
2
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

Drawing/Annotation	Lithology	Logged By:	Date:
		PCE/SH	18/2/21
Comments			
 <p>White horizon zone</p>	<p>Nonno Chalk with clay</p>	<p>Massive, mid bio; pinked gray</p>	
<p>Fracture</p>		<p>light greenish gray patch</p>	
<p>bedded contact</p> <p>Fracture</p>		<p>greenish gray; Massive, low bio ten.</p>	
<p>Fracture</p>			
<p>greenish gray patch</p> <p>Fracture</p>			

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0 - 22	vertical kerolite clay (2ndary reflections)	Nanno chalk well clay		
22 - 44	fine	Nanno chalk		grad.
44 - 98	fine	Nanno chalk well clay		grad.
98 - 108	fine V fine	Nanno chalk		grad.
108 - 118	V	Nanno chalk		top fine
118 - 130	V	Nanno chalk well clay		118 grad

CM Scale

0
2
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

vertical kerolite clay (2ndary reflections)

fine

fine

~~fine~~

fine

V

V

Nanno chalk well clay

Nanno chalk

Nanno chalk well clay

Nanno chalk

Nanno chalk well clay

Intensely keolite,

Mod. keolite

greenish gray

grad.

grad.

grad.

top fine

118 grad

Logged By:

DJ

Date:

Feb 19, 2012

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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



Narrow fossil chalk

fragmentation

pinkish gray

greenish

belemnites with dark brown infill

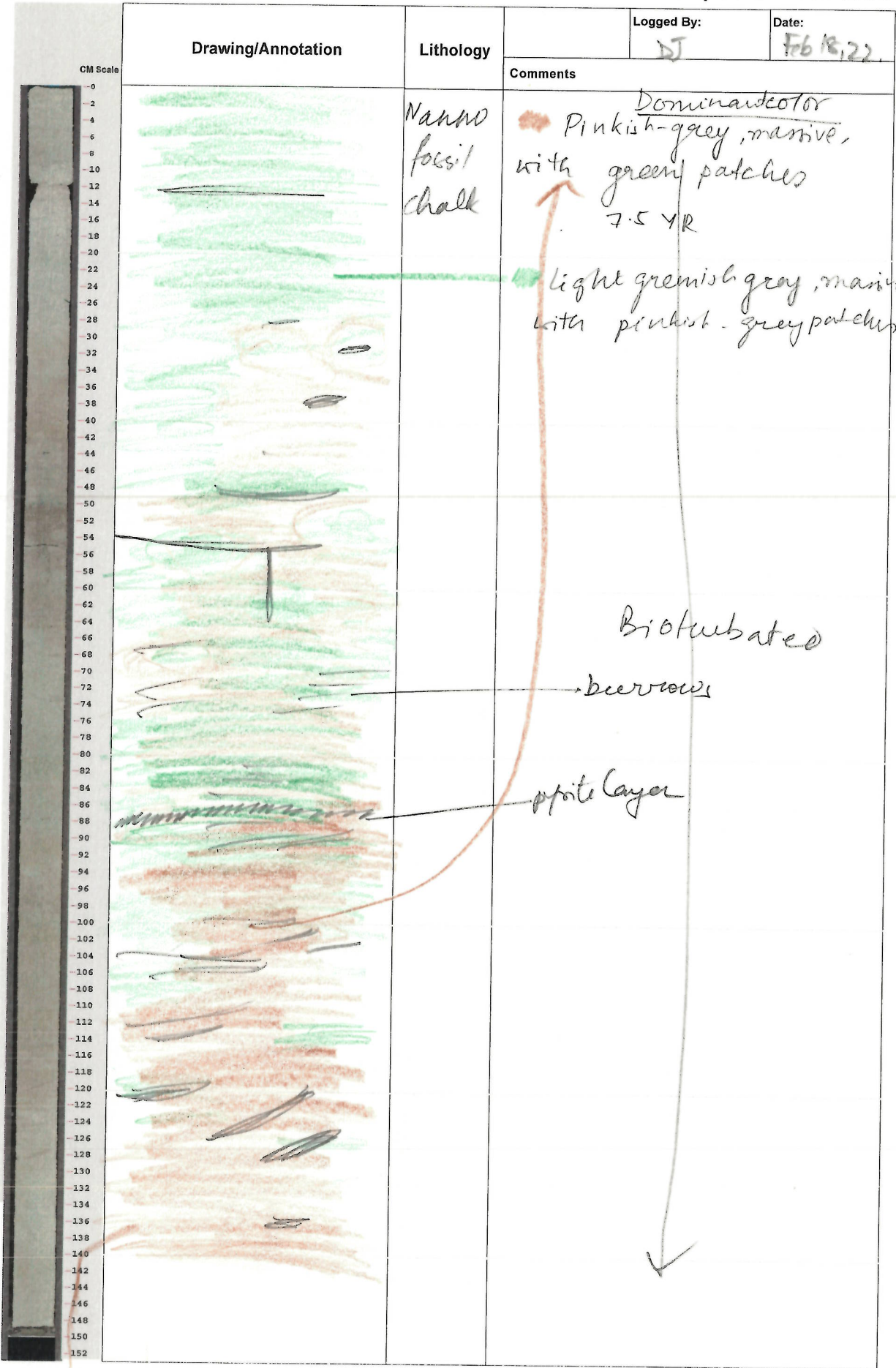
lighter

zoophycus

W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18, 22
Comments				
0		Nanno fossil chalk	Massive Alternating layers of light pinkish grey light greenish grey horizontal burrows darker infill lighter infill patches of color (green) zoophyans	
2				
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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:																																																																												
			Comments																																																																													
0		<p>Nann fossil chert</p>	DJ																																																																													
2			<p>Massive, bioturbated pinkish grey with green patches 7.54R</p>																																																																													
4				<p>greenish grey</p>																																																																												
6					<p>green laminae</p>																																																																											
8						<p>pinkish grey with green laminae 7.54R</p>																																																																										
10							<p>greenish grey 5B6 811</p>																																																																									
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																																																																																



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18
			Comments	
0		Narrow fossil zone	<p>light pinkish grey with green patches, 7.5 YR. Massive.</p> <p>Bioturbated</p> <p>Possible ichno fossils</p> <p>Thalassinoides</p> <p>Zoophycus</p> <p>Chondrites</p> <p>Planolites</p>	
2				
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				

Logged By:

DJ

Date:

18 Feb 22

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

Narrow
fossil
chalk

Marine

7.54R

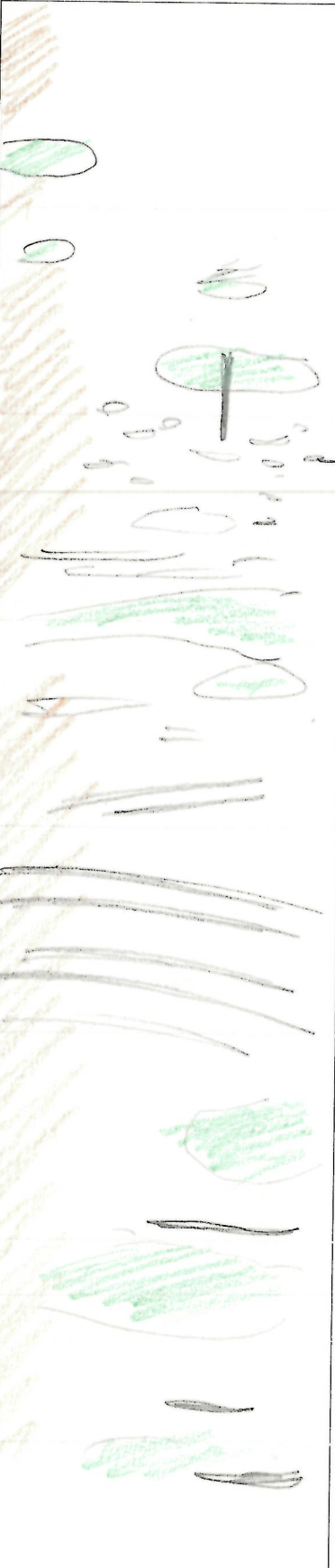
pinkish grey n.f. chalk

w/ patches of green 5B67
n.f. chalk.


smaller burrows (light
infill) Planolites

Burrows w/ dark
infilling

parallel set of
burrows 85-95
cm.



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DT	Feb 18, 22
			Comments	
0		Narrow fossil chalk	<p>Massive. Colors:</p> <ul style="list-style-type: none"> greenish grey (pinkish patches) pinkish grey (green patches) <p>larger burrows.</p> <p>smaller burrows in background</p> <p>vertical burrows, light inf.</p>	
2				
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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18, 22
			Comments	
0		Narrow fossiliferous chalk	greenish grey, massive ↓	
2				
4	PAL			
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

PAL

Narrow fossiliferous chalk

greenish grey, massive
↓

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18.
			Comments	
0			<p>Massive Pinkish grey n.f. chalk with greenish grey patches</p> <p>Intense bioturbation</p> <p>Circular.</p>	
2				
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				
			<p>Thalassinoides</p> <p>Vertical</p>	

Logged By:

Date:

DJ

FEB 18.

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

Nanno
chalk

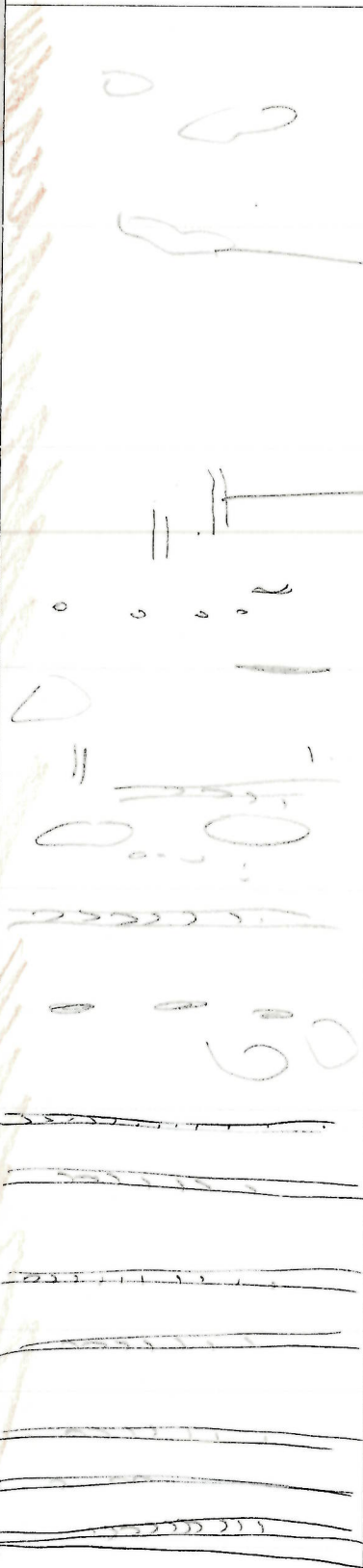
Massive, pinkish grey

with

greenish patches

vertical burrows

zoophycus burrows



11W

Logged By:

DJ

Date:

Feb 18, 22

CM Scale

0
2
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

Drawing/Annotation

Lithology

Comments

Nanno
fossil
chalk

Massive
Pinkish grey w/ 7.5YR
green patches

Intense bioturbation

horizontal / inclined
beds
between dark or
light
infilling



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Narrow fossil zone		
2				
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				

Narrow fossil zone

Massive, pinkish grey
J.54R.

greenish grey patches

light infilling

dark infilling

CM Scale
0
2
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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			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				
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				

prominent bioturbation zone 27-47cm, dark brown infilling, density of burrows reduce downwards

horizontal burrows

light infilling

green clasts in brown layers.

light and dark infilling

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18.
			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				
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

Drawing/Annotation

Lithology

Logged By:

DJ

Date:

Feb 18.

Comments

Narrow
chalk

Pinkish grey
7.54R



greenish
grey, massive, 5BG
dark
green laminae

Bioturbated
throughout.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			DJ	18 Feb.
2				
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				



CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

DJ

18 Feb.

Comments

Nonno
chalk

Massive, greenish grey
(5B6)
Bioturbated

PAL

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			DJ	Feb 18, 2012
2				
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				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

DJ

Feb 18, 2012

Comments

Nanno
fossil
chalk

Light greenish grey,
massive

Bioturbated

pyrite

Thalassiosira?
zooplankton

Logged By:

Date:

DJ

Feb 18

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments



Nanno fossil chalk

light greenish grey,
Massive,
Bioturbated.
light +
dark
infill

green layers, mm-scale

Logged By:

DJ

Date:

Feb 18, 22.

Drawing/Annotation

Lithology

Comments

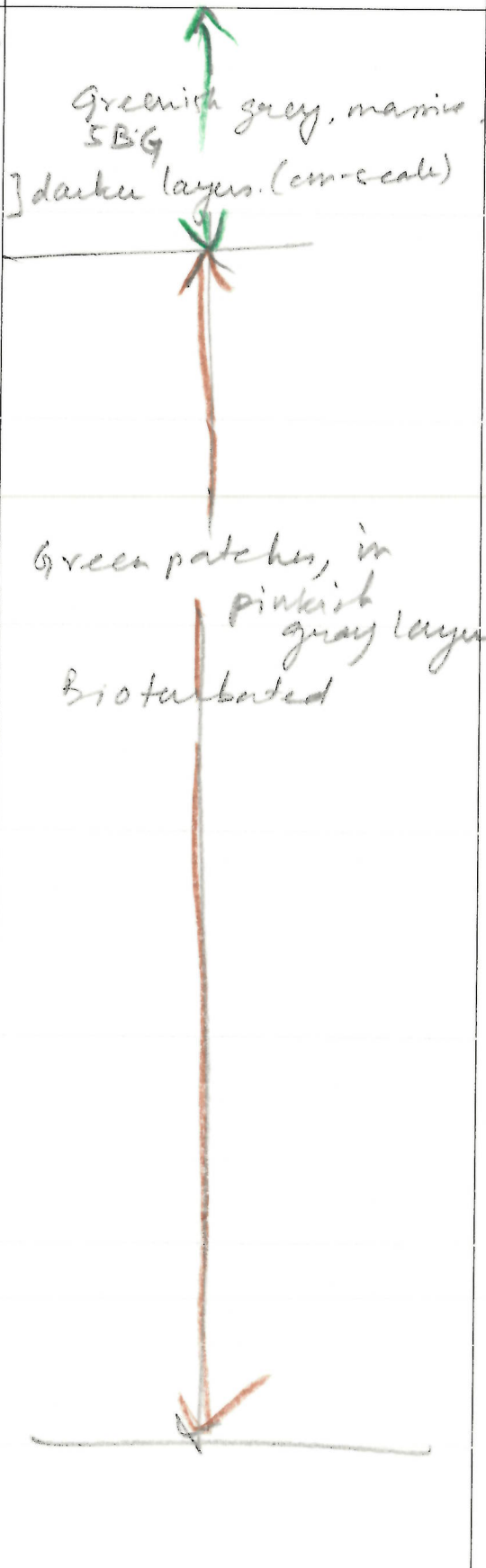
CM Scale

0
2
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

Narrow
chalk

Greenish grey, massive
SBG
] darker layers. (cm-scale)

Green patches, in
pinkish
gray layers.
Bioturbated



11w

Logged By:

DJ

Date:

Feb 18.

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

Narrow
fossil
~~zone~~
chalk

Color banding -
pinkish grey with
darker pinkish
brown bands

Bioturbated

Green patches.



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:													
			Comments														
0		<p>Naam chalk</p>	<p>DJ</p>	<p>10/18</p>													
2					<p>Dark Dominant color: Pinkish grey bands some green bands (30cm) + darker brown/pink bands (10, 20, 55 cm)</p>												
4						<p>bioturbated, both. dark + light infilling.</p>											
6							<p>interconnected burrows</p>										
8								<p>interconnected burrows</p>									
10									<p>interconnected burrows</p>								
12										<p>interconnected burrows</p>							
14											<p>interconnected burrows</p>						
16												<p>interconnected burrows</p>					
18													<p>interconnected burrows</p>				
20														<p>interconnected burrows</p>			
22															<p>interconnected burrows</p>		
24																<p>interconnected burrows</p>	
26																	<p>interconnected burrows</p>
28																	
30	<p>interconnected burrows</p>																
32		<p>interconnected burrows</p>															
34			<p>interconnected burrows</p>														
36				<p>interconnected burrows</p>													
38					<p>interconnected burrows</p>												
40						<p>interconnected burrows</p>											
42							<p>interconnected burrows</p>										
44								<p>interconnected burrows</p>									
46									<p>interconnected burrows</p>								
48										<p>interconnected burrows</p>							
50											<p>interconnected burrows</p>						
52												<p>interconnected burrows</p>					
54													<p>interconnected burrows</p>				
56														<p>interconnected burrows</p>			
58															<p>interconnected burrows</p>		
60	<p>interconnected burrows</p>																
62		<p>interconnected burrows</p>															
64			<p>interconnected burrows</p>														
66				<p>interconnected burrows</p>													
68					<p>interconnected burrows</p>												
70						<p>interconnected burrows</p>											
72							<p>interconnected burrows</p>										
74								<p>interconnected burrows</p>									
76									<p>interconnected burrows</p>								
78										<p>interconnected burrows</p>							
80											<p>interconnected burrows</p>						
82												<p>interconnected burrows</p>					
84													<p>interconnected burrows</p>				
86														<p>interconnected burrows</p>			
88															<p>interconnected burrows</p>		
90	<p>interconnected burrows</p>																
92		<p>interconnected burrows</p>															
94			<p>interconnected burrows</p>														
96				<p>interconnected burrows</p>													
98					<p>interconnected burrows</p>												
100						<p>interconnected burrows</p>											
102							<p>interconnected burrows</p>										
104								<p>interconnected burrows</p>									
106									<p>interconnected burrows</p>								
108										<p>interconnected burrows</p>							
110											<p>interconnected burrows</p>						
112												<p>interconnected burrows</p>					
114													<p>interconnected burrows</p>				
116														<p>interconnected burrows</p>			
118															<p>interconnected burrows</p>		
120	<p>interconnected burrows</p>																
122		<p>interconnected burrows</p>															
124			<p>interconnected burrows</p>														
126				<p>interconnected burrows</p>													
128					<p>interconnected burrows</p>												
130						<p>interconnected burrows</p>											
132							<p>interconnected burrows</p>										
134								<p>interconnected burrows</p>									
136									<p>interconnected burrows</p>								
138										<p>interconnected burrows</p>							
140											<p>interconnected burrows</p>						
142												<p>interconnected burrows</p>					
144													<p>interconnected burrows</p>				
146														<p>interconnected burrows</p>			
148															<p>interconnected burrows</p>		
150	<p>interconnected burrows</p>																
152		<p>interconnected burrows</p>															

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 18
Comments			
	Nanno fossil chalk	Dominant color: pinkish grey. Banding with darker brownish material, some dominantly green bands (in scale). Bioturbated	

CM Scale

- 0
- 2
- 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

Logged By:

DJ

Date:

Feb 18, 22

CM Scale

0
2
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

Drawing/Annotation

Lithology

Comments

Narrow
chalk

pinkish grey

→ prominent vertical
barrows

greenish

light barrows
with dark lining

dark green
layers



CM Scale	Drawing/Annotation	Lithology	Logged By:		Date:
			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					
48					
50					
52					
54					
56					
58					
60					
62					
64					
66					
68					
70					
72					
74					
76					
78					
80	XRF.				
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					

Nanno
fossil
core.

Color banding
Bioturbated

burrows, light
infilling

pinkish grey

pronounced vertical
burrows

greenish grey

green.

dark intensely

bioturbated layer
pinkish grey

horizontal burrows

dark infilling

greenish grey

CM Scale

0
2
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

XRF.

W

Logged By:

DT

Date:

Feb 18, 22

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

Nonnu
fossil
ooze.

greenish white,
~~mass~~
some color
banding.
Bioturbated.

→ burrow - light infill

→ pyrite
→ green layer



Logged By: DJ
Date: Feb 18.

CM Scale

0
2
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

Drawing/Annotation

Lithology

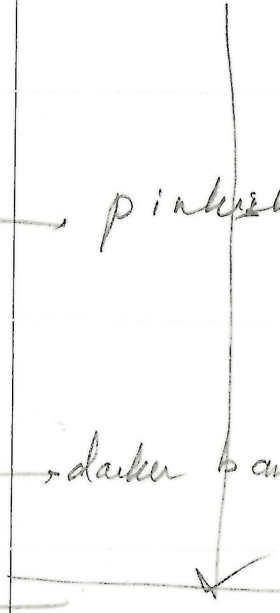
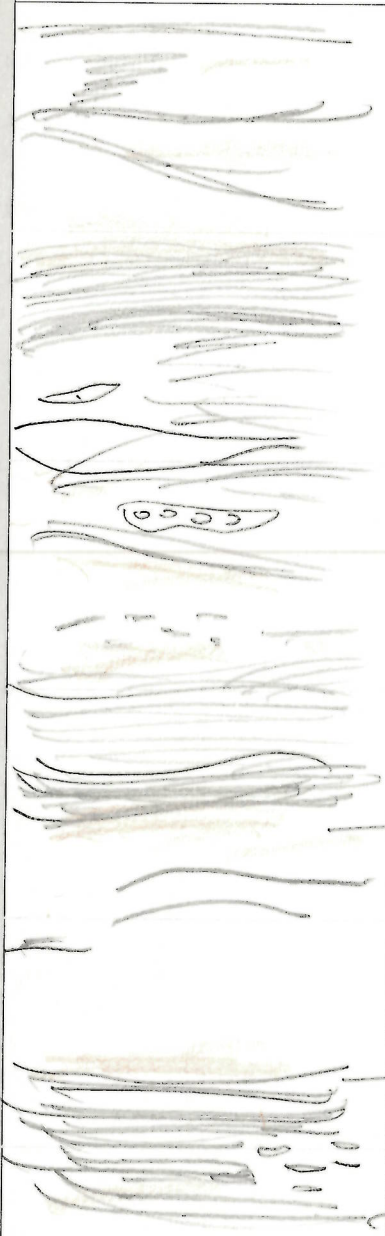
Comments

Narrow
Chalk

1
Dominant color -
light greenish gray,
with bands of darker
green due to intense
bioturbation. Also
surrounded by light
pinkish layer. Most
burrows horizontal.

pinkish

darker bands



Logged By:

DJ

Date:

Feb 18, 22

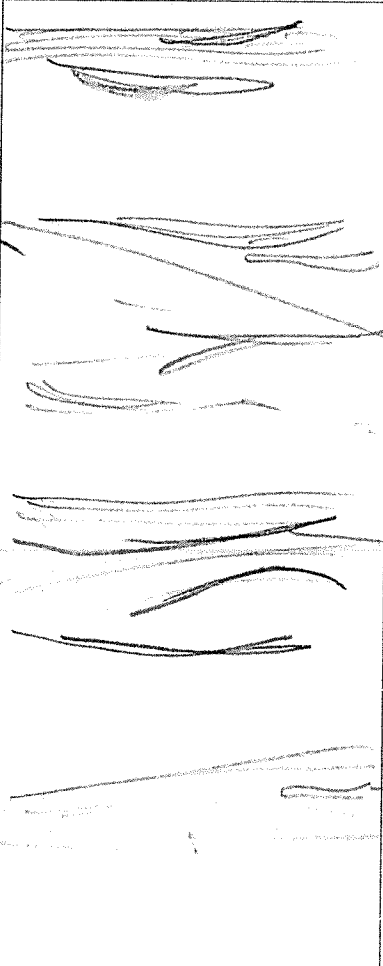
Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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



Dominant color:
pinkish gray, 7.5YR

Green bands /

dark green in lenses
of higher bioturb.

→ burrow with dark
infilling

→ light infilling

Void

Logged By:

DJ

Date:

Feb 18, 22

Drawing/Annotation

Lithology

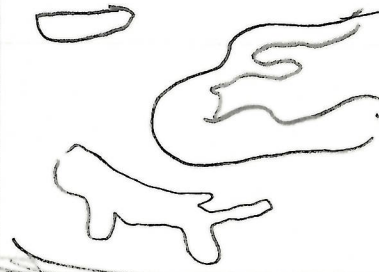
Comments

CM Scale

0
-2
-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



Calcareous chalk



light greenish grey
gray 1815

→ burrow types.

→ darker, more
bioturbated
layers



pinkish grey
7.54R

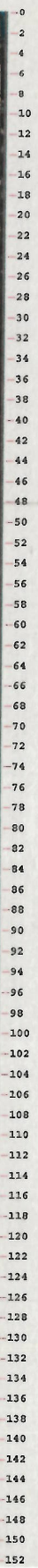
→ Zoophycus

I
W

Logged By:
DJ

Date:
Feb 18, 22

CM Scale

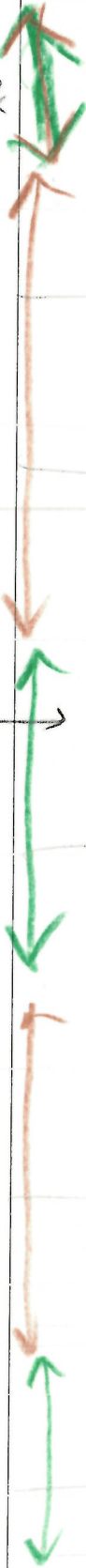


Drawing/Annotation

Lithology

Comments

Calcareous
~~Hard~~
 chalk



Color banding,
 bioturbated

pinkish grey
 light greenish grey



zoophycus



Logged By:

DJ

Date:

Feb 13, 22

Drawing/Annotation

Lithology

Comments

CM Scale

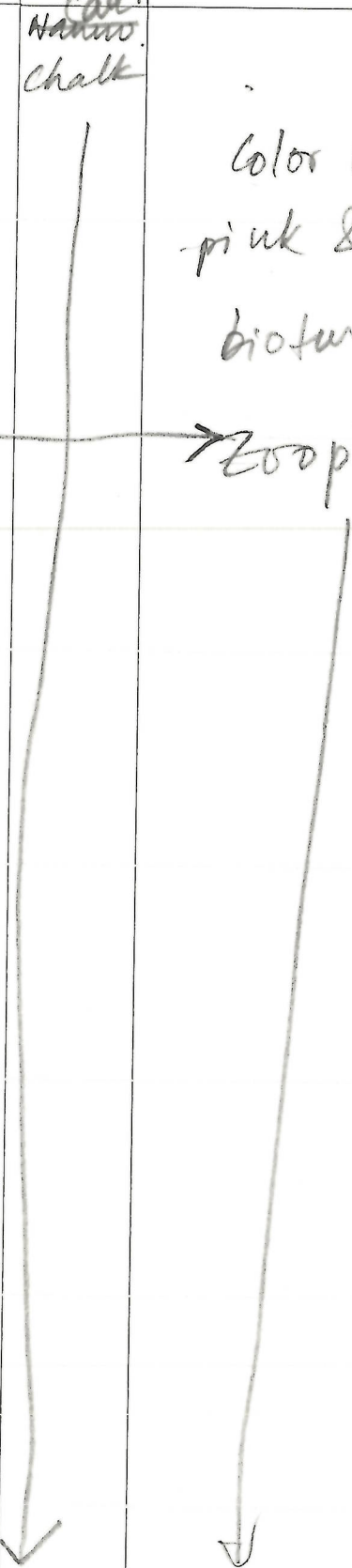
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
86
88
90
92
94
96
98
100
102
104
106
108
110
112
114
116
118
120
122
124
126
128
130
132
134
136
138
140
142
144
146
148
150
152



calcareous
chalk

Bioturbated,
alternating
green & pink
layers



Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 18
	cal. Hard Chalk	Comments	
		Color banding - pink & green, disturbed.	
		→ Zoophyus burrows	

CM Scale
0
2
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

Logged By:

DJ

Date:

Feb 18, 11

CM Scale

- 0
- 2
- 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

Drawing/Annotation


dark band.

Lithology

Narrow
chert

Comments

Color banding
pink & green.
bioturbated



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18
			Comments	
0		calcareous chalk chalk	color-banding, bioturbation, pink & green alternation	
-2				
-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				

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 18
Comments			
	Nanno chak		Bioturbated Color banding. Burrows, is green & pink bands

CM Scale

- 0
- 2
- 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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0	<u>Drilling slurry</u>	Calcareous chalk	DC	Feb 19
2				
4	DD: Fractured	gradational	pinkish white	
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				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

VP

Date:

Feb 19

Comments

Calcareous
chalk

pinkish-gray

light
greenish gray

pinkish gray

heavily
bioturbated



Logged By: DP

Date: Feb 19

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

Calcareous
chalk

Pinkish gray

Light greenish
gray

Heavily
Bristled

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

BP

Date:

Feb 19

Comments

calcareous
chale

Pinkish gray

Light
greenish
gray

Heavily
Bioturbated



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			OP	Feb 19
2				
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				

CM Scale

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Calcareous
Chalk

Darker
greenish
interval.

Pinkish gray

Light
greenish
gray

Heavily
Disturbed



CM Scale	Drawing/Annotation	Lithology	Logged By	Date
			UP	Feb 19
			Comments	
0		Calcareous Chalk		
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28	Light greenish gray			
30				
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58				
60				
62				
64				
66	greenish gray			
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88				
90				
92				
94				
96				
98				
100	DB			
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				

Heavily
Bimolated

Pinkish gray

Frauded

Logged By:

DP

Date:

Feb 19

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

DP
Fractured

Calcareous
Chalk


A pinkish brown,
heavily bedded
background with
grayish green
patches.

Heavily
Bedded

DP:
Fractured

Patches of
light-grayish green

There is some drilling-
based fracturing,
but also some
inherited fractures
that appear original.

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
 <p>DP: Fractured</p>	<p>calcareous chalk</p>	<p>DP</p>	<p>Feb 19</p>
		<p>pinkish gray w/ light greenish gray partic.</p>	

Heavily
bioturbated

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:

DJ

Date:

Feb 18.

Comments

Calc.
chalk

Pink 7.5YR,
Barrows (Zoo-phylum)

I
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18
Comments				
0		Calc. chalk	Pink, 7.5YR	Zoophycus present.
2				
4				Bioturbation
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				green patches
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	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18
Comments				
0		Nann. chalk	light pinkish white 7.54R 12	
2				
4			Bioturbated, Zoophycus burrows frequent	
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				

CM Scale

0
2
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



Nann. chalk

light pinkish white
7.54R 12

Bioturbated,
Zoophycus burrows
frequent



→ V. burrow.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18
			Comments	
0		Nanno chalk	light pinkish white	
2			\$.5418 / 2	
4			Dark patches due to intense biofurb.	
6			Zoophycus	
8			Vertical burrows	
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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Narrow Chert	DJ	Feb 18
-2				
-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				

CM Scale

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

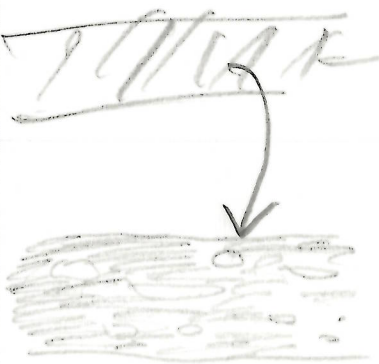
Narrow
Chert

light pinkish white
Banding

More intense
bioturbation in
darker patches

→ Zoophycus

→ Bioturbation
more intense



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 18
			Comments	
0		Nanno chalk	Pinkish white, Banding:	
-2				
-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				

CM Scale

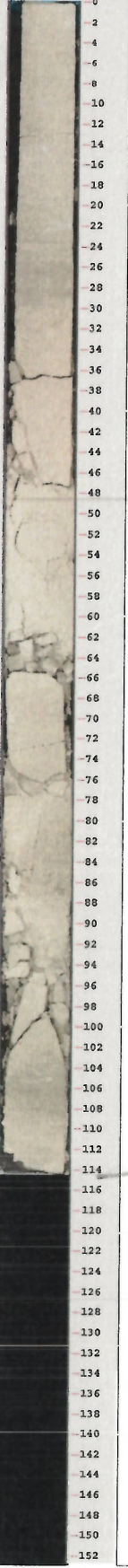
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
-30
-32
-34
-36
-38
-40
-42
-44
-46
-48
-50
-52
-54
-56
-58
-60
-62
-64
-66
-68
-70
-72
-74
-76
-78
-80
-82
-84
-86
-88
-90
-92
-94
-96
-98
-100
-102
-104
-106
-108
-110
-112
-114
-116
-118
-120
-122
-124
-126
-128
-130
-132
-134
-136
-138
-140
-142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

Nanno
chalk

Pinkish white,
Banding:

→ Zoophycus



Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 18
		Comments	
	Narrow chalk	Pinkish white, banding with darker layers of more intense bioturbation	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH	2/19/22
			Comments	
0	Fragment	Narrow Chalk		
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24	Trac.			
26				
28				
30				
32	F. vesicles			
34				
36	Bac			
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58	Darker brown	bi-lobed	Calcareous Chalk with clay	
60	intensely bi-lobed			
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86	Ba			
88				
90				
92	Zoophytes			
94				
96				
98				
100				
102				
104				
106	Ba			
108				
110				
112				
114				
116				
118	dark brown, intense keel-like	bi-lobed	Calcareous chalk with clay	
120				
122				
124				
126				
128				
130				
132	F. vesicles			
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:	
			Comments		
0	C	Mod. Chalk Chalk multicol			Mod. ^{low} ker ^{grey} perker ^{green} clay ^{white} to ^{at} bottom
2					
4	frac	Cale. Chalk	belemnites minority at bottom	belemnites	
6					Brecciated
8	frac	Cale. Chalk			
10					
12		Cale. Chalk			
14					
16		Cale. Chalk			
18					
20		Cale. Chalk			
22					
24		Cale. Chalk			
26					
28		Cale. Chalk			
30					
32		Cale. Chalk			
34					
36		Cale. Chalk			
38					
40		Cale. Chalk			
42					
44		Cale. Chalk			
46					
48		Cale. Chalk			
50					
52		Cale. Chalk			
54					
56		Cale. Chalk			
58					
60		Cale. Chalk			
62					
64		Cale. Chalk			
66					
68		Cale. Chalk			
70					
72		Cale. Chalk			
74					
76		Cale. Chalk			
78					
80		Cale. Chalk			
82					
84		Cale. Chalk			
86					
88		Cale. Chalk			
90					
92		Cale. Chalk			
94					
96		Cale. Chalk			
98					
100		Cale. Chalk			
102					
104		Cale. Chalk			
106					
108		Cale. Chalk			
110					
112		Cale. Chalk			
114					
116		Cale. Chalk			
118					
120		Cale. Chalk			
122					
124		Cale. Chalk			
126					
128		Cale. Chalk			
130					
132		Cale. Chalk			
134					
136		Cale. Chalk			
138					
140		Cale. Chalk			
142					
144		Cale. Chalk			
146					
148		Cale. Chalk			
150					
152					

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Calc
~~bedrock~~
Chalk

Peeked gray

grade

gray wh

Shepherdstone

Calc. Chalk with clay

Sharp

hem. sh. ch

Calc. Chalk

burrowed
20

ch

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Calc Chalk		
2				gray white, Mod. ble
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26	Frac (sh)			
28				
30				
32				
34				
36				
38	wavy			
40		Calc.		pinkish gray high ble
42	wavy	Chalk		
44		with clay		
46				
48				
50		Calc.		Mod ble
52	Frac (sh)	Chalk		
54				
56				
58				
60				
62				
64				
66		wavy		
68				
70				
72		Calc.		
74		Chalk		pinkish gray
76		with clay		high ble
78				
80				
82				
84				
86				
88				
90				
92	Interm bedded			
94				
96				
98	Frac (sh)			
100				
102				
104				
106				
108				
110				
112				
114				
116		wavy		
118				
120				
122				
124	Frac (Mod)			
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Irregular beds

Calc. chert

High beds

gray wht

gray wht

pink green

Calc. chert well clay

in areas of brown

dark reddish

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0 - 20	fractured Severe	Clayey Calc. Chalk		
20 - 56				grad 23
56 - 60	↑ marlstone bed			
60 - 80	↓ frac. slyst.			
80 - 102	frac. slyst.			
102 - 115				grad 106
115 - 120	horiz. cut?			grad 115
120 - 152				

CM Scale

0
2
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

Drawing/Annotation	Lithology	Comments	Logged By:	Date:
	Clayey Calc. Chalk	pale yellow Intens		grad
	Calc Chalk	greenish gray hvy		grad
	Clay Calc Chalk	pale yellow-brown Intens		grad
	Calc Chalk	greenish white hvy		grad
LS OS	Clayey Calc Chalk	pale yellow br Intens (low at middle)		grad
	Calc Chalk	greenish white hvy		grad
	Clayey Calc Ch	pale yellow Intens		grad
	Calc Chalk	greenish white hvy		grad
	Clayey Calc Chalk	pale yellow Intens		grad

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Clayey
Red
Chalk

greenish wh hyl

Ben light yellow
brown
hyl

light gc
Inclen

hyl

Inclen

Inclen

Hrd.

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Clayey
Calc
Chalk

~~Dark~~ pale yellow
gray

18 Inlet

High
b. greenish gray

light gray

greenish gray

pale yellow brown

greenish gray

pale yellow brown

greenish gray

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Zoophycos
burrow
14

burrow intensity are
higher at the contact

bedrock

fract. ~~severe~~ slight
zoophycos burrow

bedrock

fractured, severe

bedrock

Ma.

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:

Date:

Comments

Clayey
Calc
Chalk

greenish grey
med best visible
blue intensity higher
at bottom
well size of
reddish brown

biscuit, Moderate

biscuit, Moderate

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Clay Calc Char Clayey Calc Chalk		Badena, moderate
152				



CM Scale
 0
 2
 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

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:

SH

Date:

2/19/22

Comments

GRAY

~~Clay~~
Calcareous
Chalk
w/clay

light grayish w/ brownish tint
GLEY 1 8/10Y
high bioturb

39

Bioturbated

Brownish

10YR 6/2
intense bioturb

Gray

irregular
GLEY 1 8/10Y
intense bioturb
gradational

74

Brownish

10YR 6/2
high bioturb

85

Gray

gradational
GLEY 1 8/5GY
high bioturb.

104



CM Scale

0
2
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

Drawing/Annotation	Lithology	Comments	Logged By: SH	Date: 2/19/27
Gray 5/1 8/10Y	Gray calcareous chalk	w/dry high bioturb		
BROWN 10YR 6/1		Bioturb intense Bioturb		30
gray 10 YR 8/1		Bioturb gradational high bioturb		56
Brown 10YR 6/2		Bioturb intense bioturb		68
10YR 8/1 GRAY w/ some slight Brown to greenish interbedding darker from 102-112cm		Bioturb high to intense bioturb		79

Logged By:

SH

Date:

2/19/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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

maybe planolites

slight fracture

Zoophycus burrows

calc
chalk
w/clay

10 YR 7/1
Drilling disturb
= slightly fractured @ 30-31cm

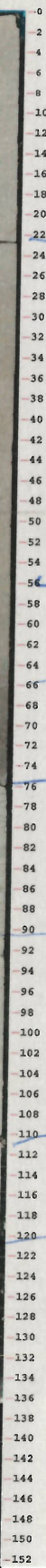
color gradually
fluctuates
throughout
section
from light gray
to light brownish
gray. No obvious
bed boundaries

CM Scale

0
-2
-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

Drawing/Annotation	Lithology	Comments	Logged By: SH	Date: 2/19/22
Light gray gley 1 7/10y	slaty calcareous chalk w/ clay	high to severe bioturb		
Brownish silt 7/2		gradational severe bioturb		56cm
Light gray gley 1 8/10y		bioturb high bioturb slight fractured & 80-81cm		71cm
Brownish silt 6/1		bioturb severely bioturb		86cm
Light gray gley 1 8/10y sn		high bioturb		97cm

CM Scale



Drawing/Annotation	Lithology	Comments
Light gray gley 1 8/104	Clayey silty calcareous chalk w/clay	intense bioturbation
gley 1 6/104 slightly fractured	DARKEST nanno chalk	56 moderate bio tuff
gray gley 1 8/564	fine nanno chalk calcareous chalk w/clay	abundant zoophyos burrows 76-93 cm

Logged By: SH

Date: 2/19/22

Logged By:

SH

Date:

2/19/22

Drawing/Annotation

Lithology

Comments

CM Scale

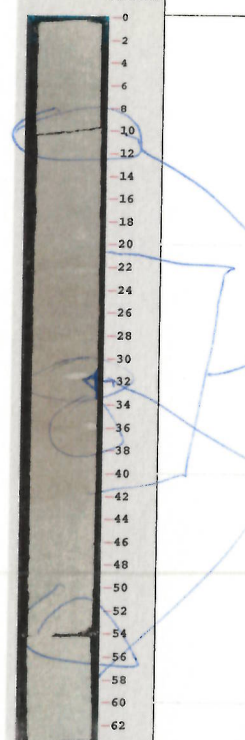
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
86
88
90
92
94
96
98
100
102
104
106
108
110
112
114
116
118
120
122
124
126
128
130
132
134
136
138
140
142
144
146
148
150
152

~~calcareous~~
calcareous chalk
w/daf

light reddish interval
w/ R71 Light gray
high bioturbation

Slight fractures

Possible planolites
in filled w/
nano chalk



Logged By:

Date:

ST

2/19/22

Drawing/Annotation

Lithology

Comments

CM Scale

- 0
- 2
- 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

Slight fracture

normal
chalk
↓

~~high~~ high bio turb

Logged By:

SH

Date:

2/19/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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

moderately
Biscuited

calc
chalk
w/ clay

color Light gray w/
slight brown tint
104R 8/1

occasional
zoophycus burrows

~~moderately~~
highly bioturbated

slightly fractured



Logged By:

SH

Date:

2/19/22

CM Scale

0
2
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

Drawing/Annotation

Lithology

Comments

highly bisected

calc. chalk
w/ clayey

highly bioturbated

Gley
F/10 x

30 cm

moderately bisected

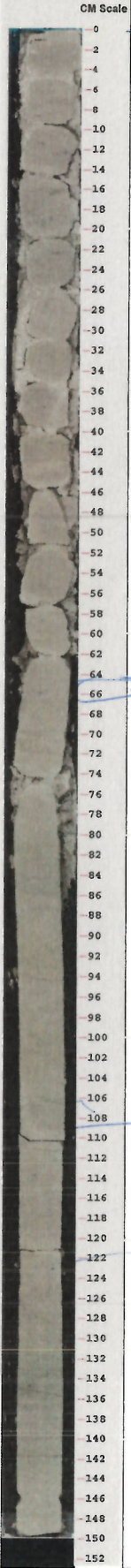
pyrite nodules
OR spots
btw
32 + 45 cm

53 cm

72
76
slightly fractured

I
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH	2/19/22
			Comments	
0	0cm	Calc Chalk w/ Clay	Gley 1 7/10X highly bioturbated	
2	highly biscuffed			
64	63cm	65-66cm = pyrite specks		
108	109 slightly fractured			
120	122			



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SJH	2/19/22
			Comments	
0		Calc. chalk w/ clay	6' to 7' / 10' highly boturkated	
2				
4			occasional zoophycus burrows	
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				

Moderate fractures
 from severely fragmented

Calc. chalk w/ clay

6' to 7' / 10' highly boturkated

occasional zoophycus burrows

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		Clay calc. chalk		
2				
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				



Logged By:

SH

Date:

2/19/20

Drawing/Annotation

Lithology

Comments

CM Scale

0
2
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

highly fractured

33cm

Calcareous
Chalk
clayey

Core 21 Lithology

- Calcareous Chalk w/ Clay
- highly Bioturbated
- Dominant color is a light grey 2.5Y 7/1
- Color gradually shifts to slightly lighter + darker about once per section



CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

SH

Date:

2/19/22

Comments

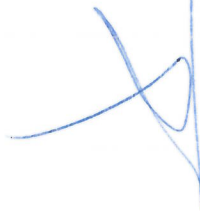
clayey
Calc.
chalk

see section 1 Lithology
description

black streak
Pyrite?



light fractures



Logged By:

SH

Date:

2/19/22

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

clayed
calc
chalk

see Sec. 1 Lith
description

Black
specks
prob
pyrite

interesting
zoophycus
burrows, w
darker
infilling



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH	2/19/22
			Comments	
0		clayey calc chalk		see sec. 1 Lith Description
2				
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	slight fracturing			
54				
56				
58				
60				
62				
64				
66				
68				pyrite/black specks
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	no date Biscuiting			
124				
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

SA

Date:

2/19/22

Comments

clay
calc
chalk

See Sec. 1 (Lithology)
Description

pyrite black streak

Black pyrite? specks

black streak

black streak



Logged By:

SH

Date:

2/19/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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

clayey
calc
chalk

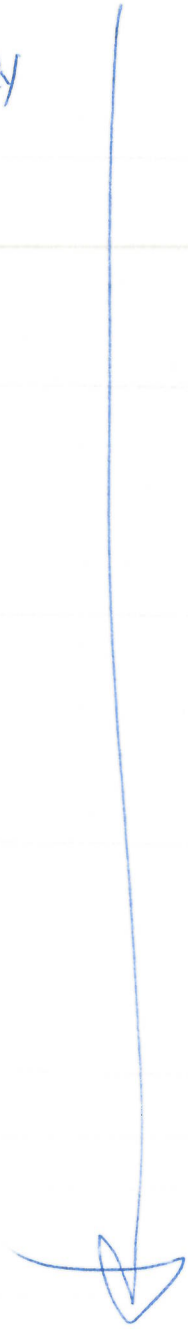
See sec 1
Lithology
description

black specks, probably
pyrite

Slight
fracture

more intense
bioturbation

moderate
bioturbation



CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:
SH

Date:
2/19/02

Comments

clayey
calc.
chalk

see Sec 1 Lith
description

— black streak



CM Scale

PAL

0
-2
-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

Drawing/Annotation	Lithology	Logged By:	Date:
		SH	2/19/22
Comments			
	clayed calc chalk ↓	See Sec. 1 Lith Descrip	

Logged By:

SH

Date:

2/19/22

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

moderately fractured

moderately brecciated

black specks
prob. pyrite

132
Slightly fractured
134

Clay
nanofossil
chalk

Core 22 Lithological Description

- Light gray
205 V 8/1
- high bioturbation
- no obvious changes in lithology

I
W

Logged By:

SH

Date:

2/19/22

Drawing/Annotation

Lithology

Comments

CM Scale

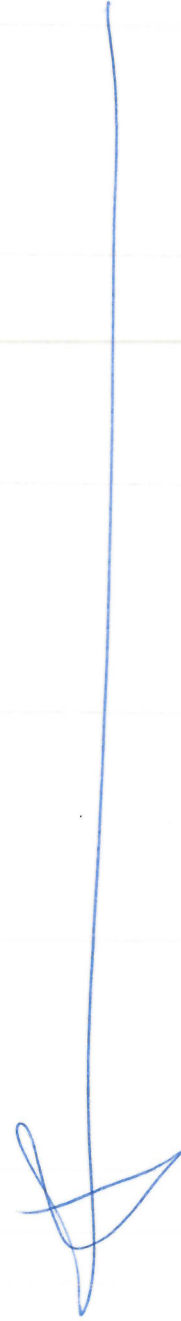
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
86
88
90
92
94
96
98
100
102
104
106
108
110
112
114
116
118
120
122
124
126
128
130
132
134
136
138
140
142
144
146
148
150
152

clay
calcareous
chalk

See Lith description
in sec. 1

Zoophycus burrows

Possible planolites
burrow



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH	2/19/22
			Comments	
0		clayed calcareous chalk	see Sec. 1 Lith Description	
2				
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	in filled burrow circles			
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	Drawing/Annotation	Lithology	Logged By:	Date:
			SJT	2/19/22
			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				
-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				

clayey
Cakabau
chalk

See Sec. 1
Lith description

severely
fragmented



Handwritten signature or initials at the bottom of the lithology column.

Handwritten signature or initials at the bottom of the comments column.

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:

SA

Date:

2/19/22

Comments

clayey
calc.
chalk

see Sec. 1 Lith
description



Bio-turbated

97cm

117cm slight fracture

calc.
chalk
w/
clay

medium greenish grey
grey / 6/10y

color varies to
slightly darker
intervals
• heavily bio-turbated



CM Scale

0
2
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

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
Severely fractured	calc chalk w/ clay	SH	2/19/22
			0 gley 6/10 GY intense bioturbation bioturbated
Zoophagous burrows	clayed calc chalk		gley 7/10 Y high bioturbation
			gradational
Gradual darkening	calc chalk w/ clay		gley 5/10 Y of medium color high bioturbation sharp bioturbation
	clayed calc chalk		gley 7/10 Y high bioturb

26

50

66

Logged By:

Date:

SH

2/19/20

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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



severely fractured
moderately brecciated

Logged By:

DJ

Date:

Feb 20

CM Scale

- 0
- 2
- 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

Drawing/Annotation

Lithology

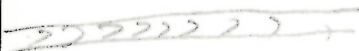
Comments

Clayey Nanofoss
cl

↑ Gley 18/N. Massive
Bioturbated.


↓ Gley 18/N Massive.
Bioturbated.

Zoophycus, 43-73cm



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 27 20
			Comments	
0		Neumo. chalk	Gley 1 B/N, Massive, Bioturbated.	
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30]			
32				
34				
36				
38				
40				
42				
44			Dark! 30-36 cm.	
46]			
48				
50			96-50 cm	
52				
54				
56				
58				
60				
62				
64				
66				
68				
70				
72				
74	—			
76				
78				
80				
82				
84				
86			Zoophycus, 72-96 cm	
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	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	FEB 20
			Comments	
0		Nano chalk	gley 1-8IN	Massive, high bioturbation.
2				
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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 19, 20
			Comments	
0		Nanno chalk	Gley 1 S/N lightly	
-2		chalk	Massive, Bioturb.	
-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				

CM Scale

Nanno chalk
~~chalk~~

Gley 1 S/N lightly
Massive, Bioturb.

Darker bands,
Sec. 4

27-40 cm
46-56 cm
65-80 cm.



CM Scale

0
2
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

Drawing/Annotation

Lithology

Logged By:

DJ

Date:

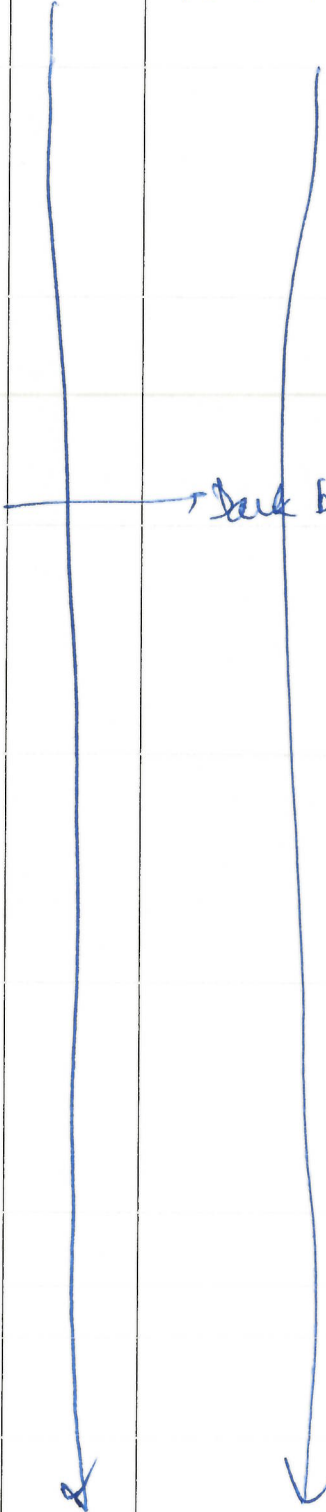
Feb 20

Comments

Nanno
chalk

gray / s/N
massive / broken.

Dark band, 55-65cm.



Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 20
		Comments	
	Naumo. Chalk.	grey 1 81N. Massive, lightly bioturbated. Severe drilling disturb.	

CM Scale

- 0
- 2
- 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

Logged By:

DJ

Date:

Feb 20

CM Scale

- 0
- 2
- 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

Drawing/Annotation

Lithology

Comments

Nanno
chalk



Gley 181N

Hammer silturb.

Drilling disturb.



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 20
			Comments	
0		Nanno fossil chalky clay	9 kg 1 E/N, Massive, Bioturb	Fractured
2				
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				

]

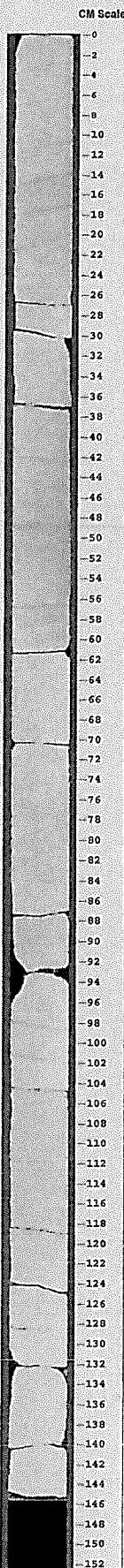
]

50-57 cm

98-101 cm

py throughout core, flecks

I
W

Drawing/Annotation	Lithology	Logged By:	Date:
		Feb 15	Feb 20
Comments			
 A vertical scale on the left side of the page, ranging from 0 to -152 in increments of 2. The scale is labeled 'CM Scale' at the top. The numbers are written on the left side of the scale, with the zero at the top and -152 at the bottom. The scale is used to measure the depth of the well log.	Nanno chalk w/ clay.	Gley 1 81N Marine Bioturb. → Zoophycus 0- 20 cm.	
		Drilling disturb. Fractured.	

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 19 20
		Comments	
	Narrow fossil chalk w/clay	Gley 18/N, massive. Bioturb.	

CM Scale

- 0
- 2
- 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

Logged By:

DJ

Date:

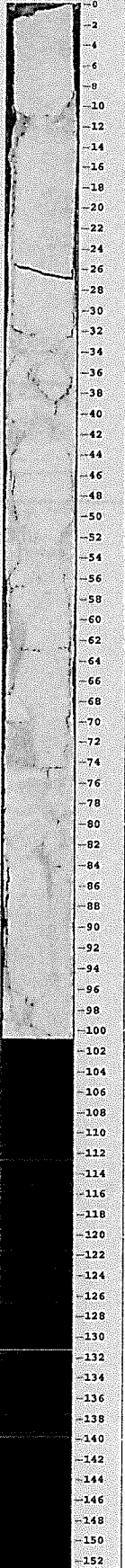
Feb 20 20

Drawing/Annotation

Lithology

Comments

CM Scale



N.P
chalk
w/ clay

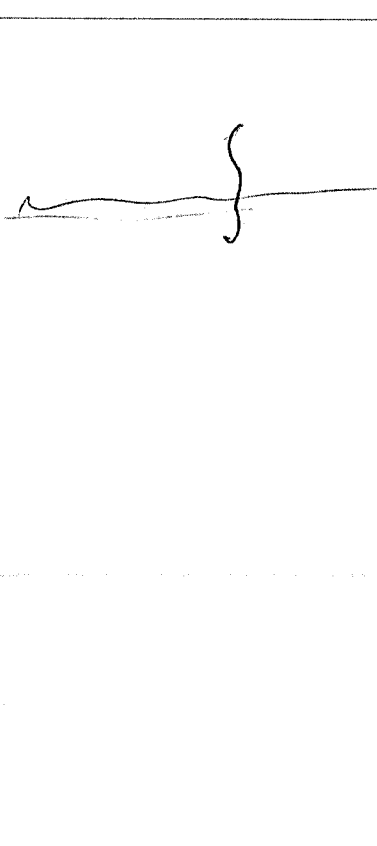
Massive, gley 8/10,
bioturbated,
zoophygm,
fragmented (severe)



Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Fes
	Nanno chalk	Comments white (GLEY) s/m Moderate bioturbation throughout.	


CM Scale

- 0
- 2
- 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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			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 -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		<p>Narrow chalk</p>		
	<p>Slight DP: Fractured</p>			<p>Pyrite: vermicular Pyritized?</p> <p>Moderate bioturbation throughout</p>

CM Scale	Drawing/Annotation	Lithology	Logged By	Date
			DP	Feb 20
Comments				
0		Nanno Chalk	Modern Bioturbation throughout	
-2				
-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				

Drilling
Disturbance:
Severe Fracturing

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
 <p>CM Scale 0 -2 -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</p>	Minos Chalk	All fractured - severe.	


Drawing/Annotation	Lithology	Logged By:	Date:
		VP	Feb 20
		Comments	
	Narrow fossil chalk	Moderate bioturbation, massive, Gley.	

CM Scale

- 0
- 2
- 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



W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
 <p>0 -2 -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</p>			<i>R</i>	Feb 20

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 20
		Comments	
		<hr/> <p>D. D. : slightly fractured</p> <hr/>	

CM Scale

- 0
- 2
- 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

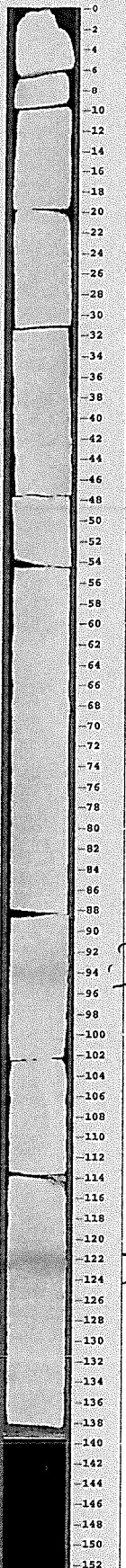


Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
		<i>DR</i>	Feb 20
		<i>DR: Fractured Severe</i>	

CM Scale

- 0
- 2
- 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

12A1

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 20
Comments			
	Narrow chert	Moderate bioturb. massive, darker bands, pyrite flecks.	
		dark band 92-94 cm	
		dark band 122-124 cm	

Logged By:

DJ

Date:

Feb 20

Drawing/Annotation

Lithology

Comments

CM Scale

- 0
- 2
- 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

Nanno fossil chalk.



Moderate bioturbation massive. ~~dark~~ top ~~30 cm~~ (?)

greyish some

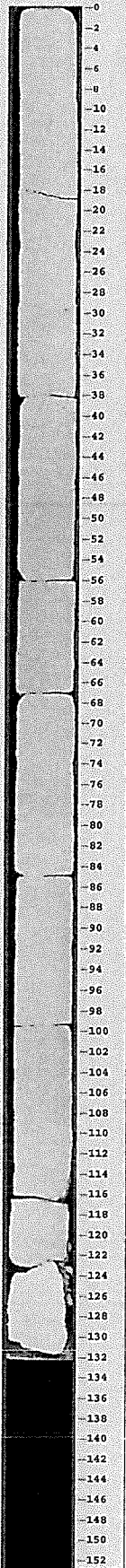
mod. fracturing (drilling)



pyrite flecks -



Drawing/Annotation	Lithology	Logged By:	Date:
		DT	Feb 20
Comments			
	Narrow fossil chert.	Some fracturing fracturing (drilling dir. f.) + mud-bioturbation.	
		Gley / SN.	
		pyrite flecks.	
		Zoop layers (122cm)	

CM Scale



Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 20
Comments			
	<p>Narrow Chalk</p> 	<p>Moderate bioturbation, pyrite flecks, white, grey & N</p> 	

CM Scale

- 0
- 2
- 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

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 20
		Comments	
	Nanno chalk	Bioturbated, white nanno. chalk	glee s/n pyrite
		Fragmented (disturbed)	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 20
			Comments	
0		Nauno Chalk		
2				
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				

Secretly
Fractured

Moderately
Distributed

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 20
Comments			
	Mdano Chalk	Moderately Bioturbated	

CM Scale

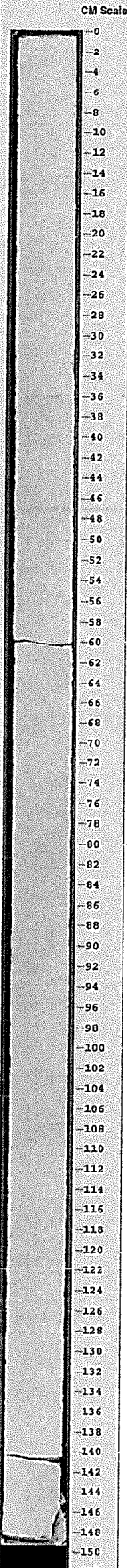
- 0
- 2
- 4
- 6
- 8
- 10
- 12
- 14
- 16
- 18
- 20
- 22
- 24
- 26
- 28
- 30
- 32
- 34
- 36
- 38
- 40
- 42
- 44
- 46
- 48
- 50
- 52
- 54
- 56
- 58
- 60
- 62
- 64
- 66
- 68
- 70
- 72
- 74
- 76
- 78
- 80
- 82
- 84
- 86
- 88
- 90
- 92
- 94
- 96
- 98
- 100
- 102
- 104
- 106
- 108
- 110
- 112
- 114
- 116
-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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 20
			Comments	
0		Nanno	Moderately Bioturbated	
2		Chalk		
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				

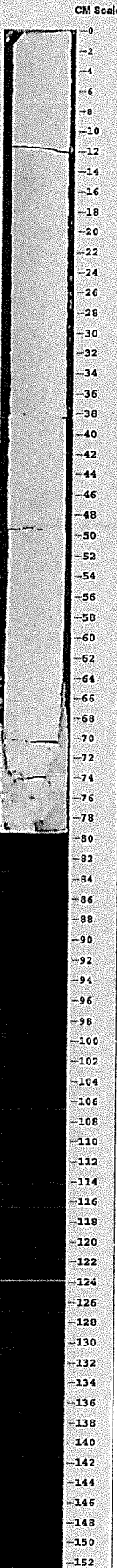
Severely
fractured

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DL	Feb 20
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				
-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				

Several
Parker Tunnels
Moderately
Borehole



Drawing/Annotation	Lithology	Logged By: <i>DP</i>	Date: <i>Feb 20</i>
	<i>Mammo chale</i>	<i>Moderately Brown based</i>	

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 20
	Memo Chalk	Comments	
		<p>Moderately Bioturbated</p>	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			VP	Feb 20
Comments				
0	Pulverized!	Nanno chalk	off wire	
-2				
-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				

CM Scale	Drilling Disturbance	Color	Sedimentary Structures	Bioturbation	Samples	Logged By:	Date:
						Comments	
0				Nannofossil		DJ	Feb 20
2				chalk			
4				chalk			
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							

white n/s massive.
Bioturbated (moderate)
Drilling disturbance
(fractured)

CM Scale	Drilling Disturbance	Color	Sedimentary Structures	Bioturbation	Samples	Logged By:	Date:
						Comments	
0						DJ	Feb 20
-2							
-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							

CM Scale

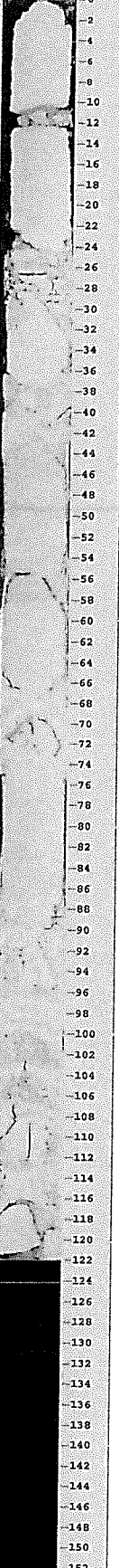
Sev
ere,
pul
ver
bed

NR

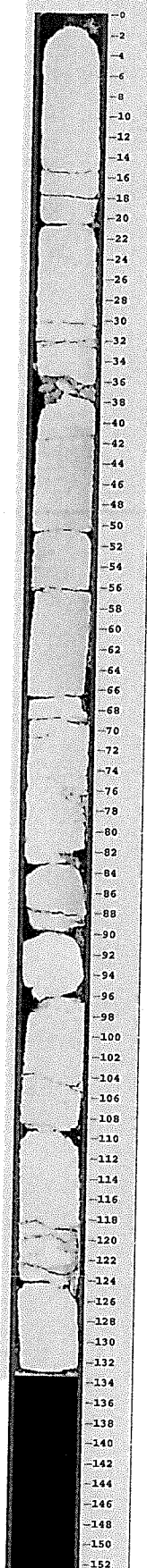
Mod.


Logged By:
DJ

Date:
Feb 20

CM Scale	Drilling Disturbance	Color	Sedimentary Structures	Bioturbation	Samples	Logged By:	Date:
						Comments	
						DJ	Feb 20
						Nannofossil ooze. A white, massive N/S Bioturbated (mod.) Severe brecciation.	

CM Scale	Drilling Disturbance	Color	Sedimentary Structures	Bioturbation	Samples	Logged By:	Date:
						Comments	
0		Destroyed white.		Not observ- ble.		DJ	Feb 20.
-2							
-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							

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 20.
		Comments	
	Nanno fossil chalk	Moderate bio turbation white. MS	Fracturing due to drilling disturbance in sections 1-3. pyrite

Drawing/Annotation	Lithology	Logged By:	Date:
		DJ	Feb 20
		Comments	
	Nanna chalk	Bioturbation + drilling disturbance [fracturing] : moderate cohesive (N/S). → pyritized burrow	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 20
			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 -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	6	Naama fossil chalk	white, n/s Medusa biohermation.	

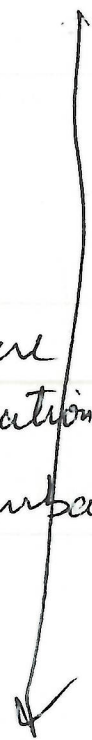
T
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 20.
			Comments	
0		Narrow fossil chert	whitish NG, moderate bioturbation	
2				
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				

VOID

VOID

Severe
bioturbation (Drilling
disturbance)



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 20
			Comments	
0		Mud	High Riverbank	
2		Clay		
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

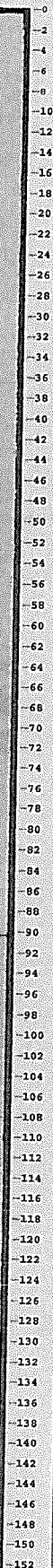
Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
<p>Slightly Darker Inward</p> <p>Moderately Disturbed</p>	<p>Nano Chalk</p>	DP	Feb 20
		<p>Off-white (CLEY 1 8/N)</p>	

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 20
Comments			
<p>Slightly darker Interval</p>	<p>Mass Chalc</p>		<p>High Disturbance</p>

CM Scale

- 0
- 2
- 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

CM Scale



Drawing/Annotation	Lithology	Logged By: DP	Date: Feb 20
<p>Slightly Narrow Interval</p>	<p>Narrow Chalk</p>	<p>Comments</p> <p>High Bioturbation</p>	

CM Scale

- 0
- 2
- 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

Drawing/Annotation

Lithology

Logged By:

RP

Date:

Feb 20

Comments

Mudstone
chert

High Bioturbation



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	FEB 20
			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 -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		Neuro chalk		High Proximal ↓

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 20
	Nano Chalk	Comments High Disturbance	

CM Scale

- 0
- 2
- 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

Logged By:

DP

Date:

Feb 20

Drawing/Annotation

Lithology

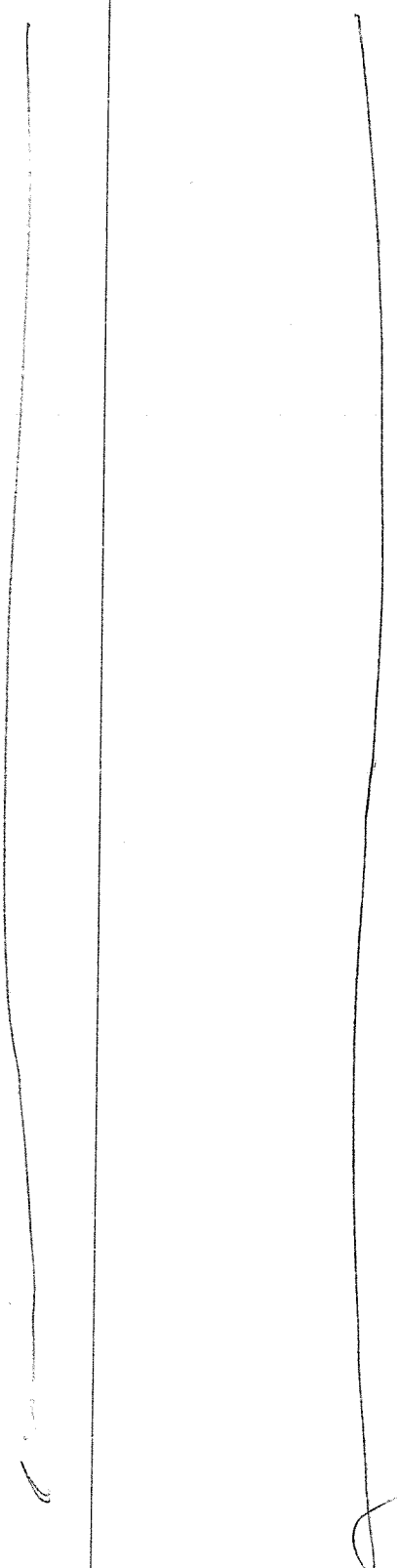
Comments

CM Scale

0
-2
-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

Adams
clark

High Bioturbation



Logged By:

DL

Date:

Feb 20

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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


Nears
Chalk

High Bio tubation



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 20
			Comments	
0		Nanno fossil chalk	7.5 7R 891 Light pinkish white, moderate bioturbation.	
-2				
-4				
-6				
-8				
-10				
-12				
-14				
-16				
-18				
-20				
-22				
-24				
-26				
-28				
-30				
-32				
-34			} dark layer cut by horizontal burrow	
-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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DT	Feb 20
Comments				
0		Nahho fossil	7.5 YR 8/1 light pinkish white high bioturbation	
2				
4			Darker layer higher bioturbation (brown)	
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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 20.
Comments				
0		New fossil Chalk	7.54R8/1, light pinkish white, bioturbation = high.	
-2				
-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				

pyrite layer

darker band,
more bioturbation
(brown)

I
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DT	Feb 20
Comments				
0		Nanno fossil Chalk	7.5 7R 8/1 light pinkish white moderate bioturbations	
-2				
-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				

→ Horizontal burrow.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 20.
			Comments	
0		Nanno fossil chalk	Pulverized.	
2				
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				



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH&HC	20/02/22
			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 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	<p>GLEYS 8/N</p>	<p>non chrt wth clay</p>	<p>layered, biotubed light gray + greenish gray & dark gray burrow fills</p>	<p>22 cm (maybe just note this depth in the comments)</p>
				<p>101 cm biotub: burrow filled with dark gray</p>

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SM	20/02/22
			Comments	
0 - 36	↓	nono chalk with clay	20 cm burrow in fill black speckles	
36 - 40	GLEV 1 G/107	Calc. chalk	Layering - dark greenish gray in background 20 above	
40 - 42			40-42 cm dark green band (solid)	
42 - 117	Gley L 8/N	nono chalk with clay	Mottled, light gray Bioturb: greenish patches & white in fill high bioturb.	
117 - 126	GLEV 1 8/594	nono chalk with clay	gradational high bioturb 126-127 chert nodule darker greenish gray clear burrow in fill	
126 - 147			117 cm more green more visible bioturb	
147 - 150			146-147 chert nodule	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SHKHC	20/02/22
			Comments	
0	↓	non dark with clay		
2				
4			gradations	
6				
8			Mottled, patches of blotchy INFILL darker greenish gray (mod.)	
10				
12			29 cm More homogeneous green	
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				

CM Scale

Drawing/Annotation

Lithology

Logged By:

Date:

SHKHC

20/02/22

Comments



non
dark
with
clay

gradations

Mottled,
patches of blotchy
INFILL darker
greenish gray
(mod.)

29 cm
More
homogeneous
green

Grey 1
S/W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-20	Grey 1 8/1N	non-chalk w/lt clay	HCB&CH	
20-53				29 cm darker greenish gray + brown infill (dark greenish gray & white) More green, mottled, bioturbated
53-56				53 cm chert
56-64				56-58 cm chert
64-79	Grey 1 7/5G4	64 cm 67 cm 79 cm		clear zoo. burrows infilled with white & cores of dark greenish gray
79-86	Grey 1 8/5G4			86 cm layered bioturb. (med.) greenish gray & dark greenish gray
86-99	104R 7/2			99 cm reddish brown (lighter) mod. bb.
99-105	Grey 1 7/5G4			105 cm some high b.o.
105-124	54R 6/4			124 cm reddish brown; regular top darkfest
124-136	grey 1 7/5G4			136 cm some
136-147				147 cm reddish brown (darkfest)

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SN	20102/22
			Comments	
0	54R 712		Darker reddish brown } drilling disturbance Brecciated	
2				
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				



Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
	calc. across chalk	HCK SA	20/02/22
		Drilling disturbance: mod. fractured the whole way	
		<p>Whole section: the same mix, with whitish grey patches at 0-4 cm, 25 cm, 40-54 cm.</p> <p>texture: massive color: 5YR 8/3</p>	

CM Scale

0
-2
-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

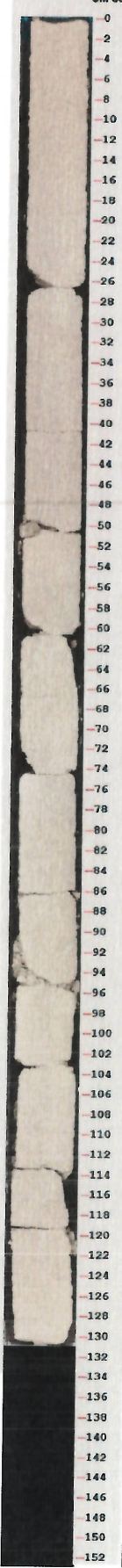
High bio-

~~22cm~~

moderate bioturbation

I
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC&SH	20102/22
Comments				
0		Calc. Chalk	Drilling Dist. = mod. frac. Mole wrg	
2				
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				



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			KC&SH	20/02/22
			Comments	
0		Calcareous Chalk	Drilling Disturbance: fractured shale w/ing surface	
2			massive texture	
4			no visible bio	
6			5YR 8/2	
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54			Disturbed contact	
56			56 cm	
58				
60		Nonno fossil chalk with clay	massive	
62			mod. bio.	
64			Grey 1 8/1N	
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88			Disturbed contact	
90			94 cm	
92				
94				
96				
98		Calc. Chalk	Bisected	
100			5YR 8/3	
102			Alpha bio	
104			103 cm	
106			109 cm	
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	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			SK&HC	20/02/22
2				
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				

Gley 1 6/104

8 cm

Nonno fossil chalk with clay

light pink moderate bioturb 7.5 vs 8.11

29 cm

Gley 1 8/11

massive low bioturb

69.5 cm shell?

bioturb

99 cm

light pink highly bioturb Bioturb 114

disturbed

121 cm

Moderate; bioturb light pink

129 cm

white

end

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Hck SH	20/02/22
			Comments	
0				
2				
4				
6				
8				
10				
12	7.5 YR 8/1 Highly Bio.			
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				

white

-sharp

dark green sharp

grey 4/5 GY

bioturbated into

brown 7.5 YR 4/2 (brown)

4cm

8cm

21-24 some

7.5 YR 8/1

moderately
bioturb

↓

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SH	20/02/22
			Comments	
0		onc. chalk	7.5 yR 8/1 massive slight bluish	
2				
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				



Logged By:

HC201

Date:

2010/2/22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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



massive
~~conglomerate~~

~~2A~~ Gley 1 415 Gy

rest = 7.5YR 8/1
massive & high bio.

1-2 cm
dark green

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:
SK&Kc

Date:
20/02/22

Comments

Dark

607

13 cm

light

Grey 1
8/5 Gy

Dark Grey 1
6/10 Gy

32

38

light

52

Dark

58

light

Dark

75

80

light

110

Dark

119 ca

light

HW

CM Scale



Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
		JM Eric	2/10/22
			30m
			9cm
			30
			39
			91
			100
			122
			130
			146-end

light
DARK

light

DARK

light

DARK

light

DARK

light

DARK

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			HCLSM	2010/2/22
2				
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				

dark

light

dark

light

dark

light

105 cm : black (dark grey) burrow in fill

0

120cm

16

21

32

42

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SM	20/02/22
			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				
-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				

light

dark (not very)

light

dark (lighter
option?)

grey: 7/5 (y?)

light

dark

22

28

37

80 cm

88 cm

111

These darks are not as dark as the others

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			HCB SM	20102122
2				
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				

light

~~slightly dark but not as dark as the Alex.~~

light

grey dark (er) 7/5 Gy

light

X7 concentric

light

dark grey 7/5 Gy

light

~~20~~

~~44~~

61

75

} 200 burrows

95

107

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Logged By:

SK & HC

Date:

20102122

Comments

light
26-27 dark grey patch
brown in fill

dark

76

78

light

84-86 dark grey
brown in fill

Drawing/Annotation	Lithology	Logged By:	Date:
		HCSA	2/6/22
		Comments	
			light
			dark
			light
			dark
			light

CM Scale

- 0
- 2
- 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

light

dark

light

dark

light

48

52

56

59

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			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				
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				



light
dark
light
3
7

green part = calc. core w/ clay

CM Scale

0
2
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

Drawing/Annotation	Lithology	Comments	Logged By: HC&SN	Date: 20102/22
51R 514	Clayey calc. chert, trace ash	Darkest reddish brown 51R 514 High bio.		
<p>separate or keep within the other?</p> <p>51R 513</p>				
2.51R 811		light brown		
<p>SHARP CONTACT @ Boundary</p> <p>slay 1 715 GY</p>	Clayey calc. chert	<p>K-fs boundary</p> <p>wedge of green; sharp contact; undulating slope</p> <p>slay 1 715 GY</p>		
		slay 1 81N		
		light reddish brown 7.5 1R 811		

88 cm
96 cm
99 cm
100 cm
132 cm
144 cm

clayey calc chert

CM Scale

0
2
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

Drawing/Annotation

5YR 6/4



Lithology

clayey
calc
chalk



Logged By:

HCESH

Date:

20/02/22

Comments

Darkest reddish brown

— 32 cm white burrow
infill

— 51-54 cm white
burrow infill

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SK RHC	20102/22
Comments				
0-10	5YR 7/2	None fossil chalk w/ clay	High bio.	Mixed light greenish white & light reddish brown
10-27			light reddish brown (darker) with patches of the whiter material	10 cm
27-43	grey 8/1N		light greenish white not mottled med. bio.	27 cm
43-60			grad. light reddish brown (darker)	43 cm
60-66			grades to lighter reddish brown	60 cm
66-72			drilling disturbance (brecc.)	72 cm
72-77	grey 1 8/1N		patch of light greenish white	77 cm
77-90			darker reddish brown	
90-92	5YR 7/2			
92-102	5YR 8/1 8/1		light reddish brown + drilling disturbance (darker)	102 cm
102-112			darker reddish brown	112 cm
112-124			lighter reddish brown	
124-126			drilling disturbance	124 cm
126-130	5YR 7/2		darker reddish brown	

chalk
w/ clay
chalk
chalk

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0		calcareous chalk	SK&HC	20/02/12
-2				
-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		calcareous chalk with clay		
-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				

light

→ 31 cm: dark band 0.5 cm

white patch 51 - 53 cm

66 cm

dark

74

light

92

dark

101

light + burrows

116

dark

121

light + horiz. burrows

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			MC & SM	20/02/22
			Comments	
0		Coloured chert		
2				
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				

Coloured
chert

light + horiz
bedding

83

light

84

light +
horiz bedding

85

light

86

Coloured
chert
with clay

dark

91

light +
thin horiz. bedding

106

dark

107

light

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SA	2/10/22
			Comments	
0				
-2				
-4				
-6				
-8				
-10				
-12				
-14				
-16		calcareous chert	light	
-18				16
-20		"interstratified"	dark	
-22				18
-24				
-26				
-28				
-30				
-32				
-34				
-36				
-38				
-40				
-42				
-44				
-46		calcareous chert	light	
-48				
-50				
-52				
-54				
-56				
-58				
-60				
-62				
-64				
-66				
-68				
-70				
-72				
-74				
-76				
-78			band @ 78,	
-80			102, 130-131,	
-82			142 cm	
-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	Drawing/Annotation	Lithology	Logged By:	Date:
			SH&HC	20/2/22
			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				
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				

light

8

dark

14

light

54

dark

63

light

dark layer @ 95

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SK&HC	20/02/22
			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				
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				

light

dark (medium)

26-27 dark layer within light

dark

Dark layers @ 124, 134 cm

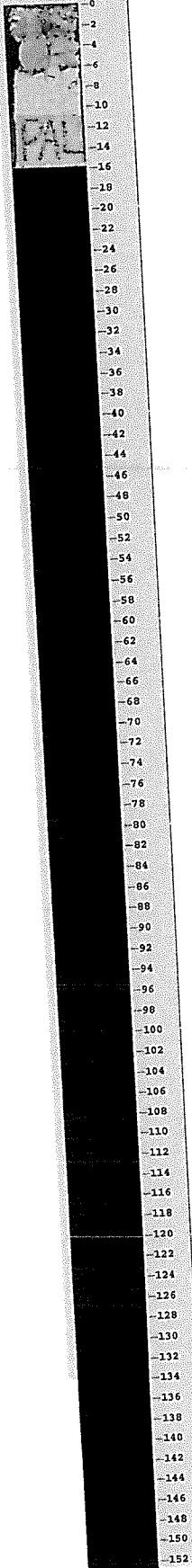
9 cm

16

60 cm

62

CM Scale



Drawing/Annotation	Lithology	Comments
		light ; Drilling dist.

Logged By:

RC & SN

Date:

10/02/02

Logged By: SH & HC

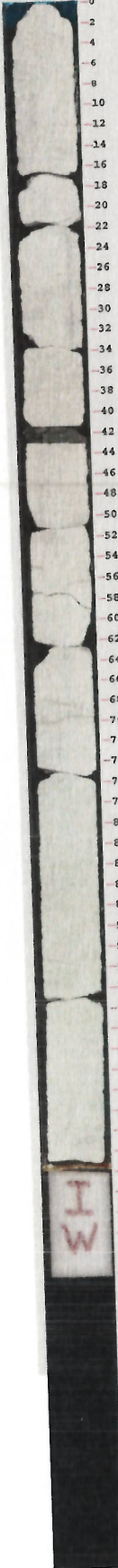
Date: 20/02/22

Drawing/Annotation

Lithology

Comments

CM Scale



Calc. chalk

light gray mottled

Thin vertical

mottled

lines

throughout

42-43 cm, dark gray band

69, 71: fainter bands

Gley 18 / N

✓

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			HC & SJ	20102/22
-2				
-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	chert	chalk		
-146				
-148				
-150				
-152				

greenish gray mottled

45 cm dark gray band
109-110 dark gray band

clayey calc.
chalk

Some dark green as 37
Some light as 37

SHARP

136

138

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0 - 48		Calc. Chalk		light
48 - 54			bioturb	48
54 - 64		craggy calc. Chalk		dark
64 - 73				light ; pyrite mottles
73 - 88				dark (medium)
88 - 93				light, some banding @ 79-80
93 - 98	94-95 cm chert			dark (medium)
98 - 103				light, bands @ 98, 101, 103

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
	th calc chok	light, pyrite mottled	
	dogey calc chok	dark	

14

CM Scale

- 0
- 2
- 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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DL	Feb 21
			Comments	
0		Chalk w/clay		
2				
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				

Chalk
w/clay

Clayey
calcareous
~~Horst~~
chdc

Calcareous
Chalk
w Clay

High Biot.

Med Biot.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			DL	Feb 21
-2				
-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				

Calcareous Chert w/ Layer

Mod. Biot.

Clagey
Ld/c

High Biot.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			D. Feb	Feb 21
			Comments	
0		Galena		
2		Galena		
4		Chalk		
6		w/ clay		
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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 21
			Comments	
0	B2 unit	Chalk w/ Clay		
-2				
-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				
	Clays	Chalk	Key 1 5/564	

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 21
		Comments	
	Clayey calcareous shale		
	Calcareous (shale) w/ clay		
	Clayey shale		Silicified Limestone
	Shale w/ clay		

CM Scale

0
-2
-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



W

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 21
		Comments	
	Carbonaceous shale / clay		
Breccia and Drilling Disturbance			

CM Scale

0
-2
-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


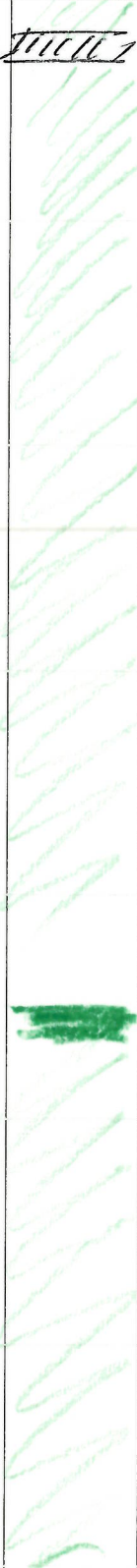




Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 21
		Comments	
		Calcareous Chalk w/ Clay	

CM Scale

- 0
- 2
- 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









CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 21
			Comments	
0			<p>▨ chert</p> <p>■ claystone</p> <p>▨ calcareous</p> <p>chalk w/ clay.</p> <p>Bioturbated, burrows abundant.</p> <p>Claystone is fissile.</p> <p>Possible dissolution horizons.</p> <p>Fractured (drilling disturbed area)</p>	
2				
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				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 21
			Comments	
0 - 20			calc. chalk, (light greenish grey) with clay.	
20 - 22			Stylolites? dark layer.	
22 - 26			→ grey horizon, clays.	
26 - 48			grey 15/10gy chalk, light greenish grey	
48 - 52			clayst. fissile, white	
52 - 56			flattened burrows	
56 - 60			no furrowed.	
60 - 74			[grey 15/10gy] chalk, light greenish grey	
74 - 76			clayst.	
76 - 84			→ cross-cutting burrows.	
84 - 94			Chalk	
94 - 96			→ claystone [grey 15/10gy]	
96 - 102			→ stylolite-like features	
102 - 110			chalk (calc. with clay)	
110 - 112			burrows	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 21
			Comments	
0		cod.		
2		chalk		
4		chalk		
6		chalk		
8		chalk.		Pulverized.
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				

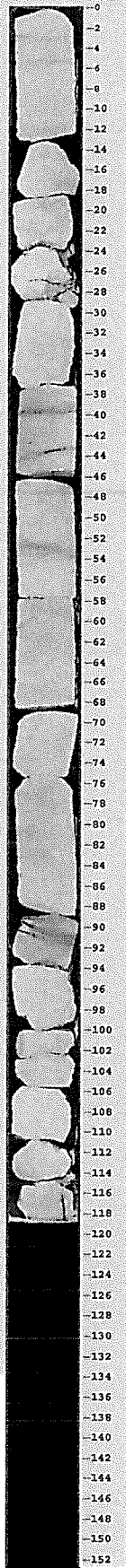


PAL

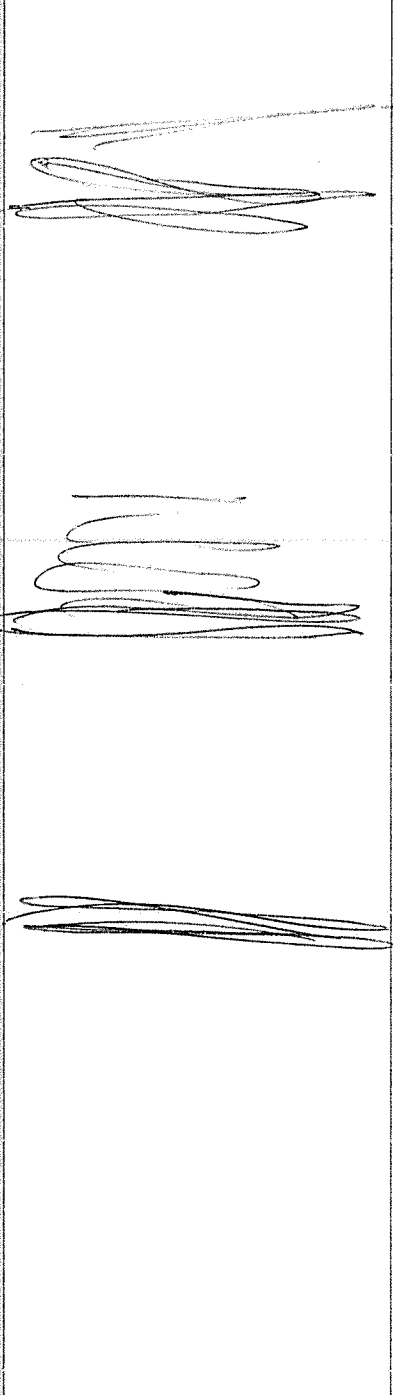
CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 21
			Comments	
0				
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58				
60				
62				
64				
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				

Calcareous
Chalk
w/ clay

Calcareous
Claystone

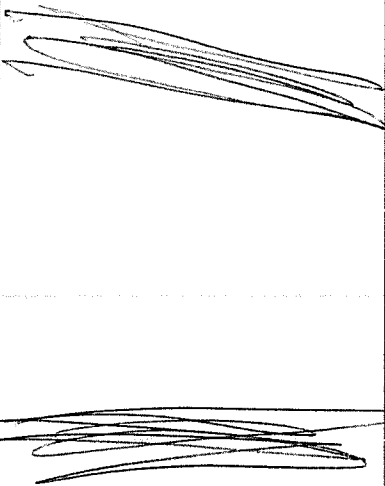
Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
	<p><i>Calcareous chert w/ clay</i></p>	<i>DP</i>	<i>Feb 21</i>

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 21
			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				
-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				

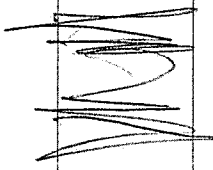


See Sec 1

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DL	Feb 21
			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				
-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				



See See 1

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 21
Comments			
			
	See See 1		

CM Scale

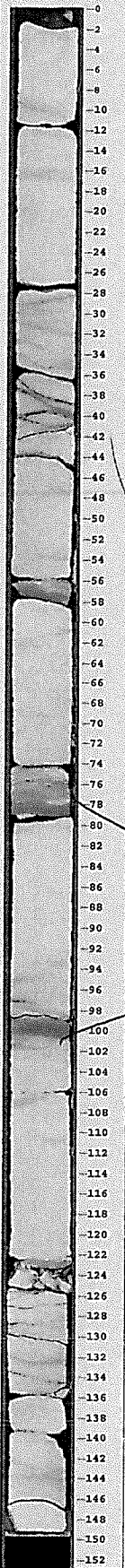
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
-20
-22
-24
-26
-28
-30
-32
-34
-36
-38
-40
-42
-44
-46
-48
-50
-52
-54
-56
-58
-60
-62
-64
-66
-68
-70
-72
-74
-76
-78
-80
-82
-84
-86
-88
-90
-92
-94
-96
-98
-100
-102
-104
-106
-108
-110
-112
-114
-116
-118
-120
-122
-124
-126
-128
-130
-132
-134
-136
-138
-140
-142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



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 21
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				
-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				

Calc.
clay
w/clay

Calc.
clay
foss

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
 <p>CM Scale</p> <p>0 -2 -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</p> <p>Calc. Claystone</p>		DK	Feb 21

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 21
Comments				
0		Sil. Limestone		
-2				
-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				
		Calc. chalk w/dag		

Drawing/Annotation	Lithology	Logged By:	Date:
		DP	Feb 21
		Comments	
	<p>calc. Chalk w/clay</p>		
			<p>Calc claystone</p> <p>Silicified</p>


CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 21
	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				
-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

- 0
- 2
- 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

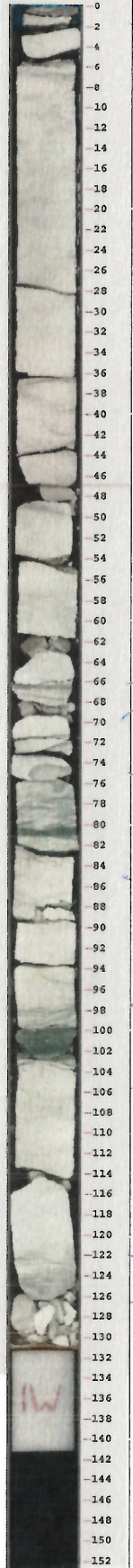
CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 21
			Comments	
0			clayey sands	
2				
4				
6				
8				
10				
12				
14				
16				
18				
20			clayey bands. Severe fragmentation moderate-high bioturbation.	
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
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				


CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 29
			Comments	
0		calc. chalk.	Fragmentation	
2		claystone		
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				





CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HCSH	2/10/22
			Comments	
0-152	STYLITES 47cm 81 97 142-144	Calcareous chalk with clay	grey, mottled, high bioturbation comprisms @ 1cm, 2.5cm, 4-5cm, 44.5cm, 51cm, 57 cm, 76cm, band @ 79-80cm (whole layer), 141cm accessories: pyrite Gley 1 8/N	
90-92	Gley 1 5/10 GY	Calc. claystone	sharp Dark, mottled with pyrite Bioturbated 90cm	
98-100			light Gley 1 8/N mottled, moderate horiz 98cm	
124-126	Gley 1 5/10 GY	Calc claystone	Bioturbated DARK 125cm	
128-130			Gley 5/N Drilled/disturbed light, mod bio, mottled 128cm	
144-146	Gley 5/10 GY	Calc claystone	Bioturbated Dark 145	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH & HC	2/10/22
Comments				
0	STYLE: 37-38	Calc. chalk with clay	DARK	
2			light, mottled, mod bio	
4			Bands @ 6cm,	
6			36-37cm, 47cm,	
8			48cm	
10				
12				
14				
16				
18				
20		Calc. clast.	Bioturbated	66
22		DARK	bio	68
24		light		
26			Dark + possible chert nodule	73
28			73-75	
30			light	83
32			Bio	
34				
36			Bio	97
38			DARK	
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			dark	122
124				
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				



CM Scale	Drawing/Annotation	Lithology	Logged By:		Date:	
			HC&SH		2/10/22	
Comments						
0 - 42		Calc. chalk with clay	light ;	mottled		
			lighter bands @			
			20 cm, 32 cm,			
			37-38 cm			
			 chert 38-40 cm			
42 - 46		Calc. claystone	Dark	bio		41
46 - 52			light	mottled		45
52 - 58						55
58 - 62		Calc. clayst	Dark	DRILLED		light
62 - 66			light	mottled	bio	62
66 - 82		Calc chalk				
82 - 86		Calc claystone	Dark	bio		82
86 - 92			light	bio		87
92 - 109		Calc chalk with clay		Contains dark bands		
109 - 115		Calc. claystone	Dark	bio		109
115 - 126			light			115
126 - 152		Calc chalk		mottled		

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH&HC	2/10/22
Comments				
0				
2			light	
4				
6			bio	6
8				
10			dark	9
12				
14			light	
16				
18				
20				
22				
24			 24-27 chert	
26				
28			bio	28
30				
32			dark	
34			bio	34
36				
38				
40			light	
42				
44				
46				
48				
50			bio	49
52				
54			dark	
56			bio	54
58				
60			light	
62			 chert 62-66	
64			bio	62
66			dark	
68				
70				
72				
74				
76			bio	72
78				
80				
82			light	
84				
86				
88				
90				
92				
94			bio	92
96			dark	
98				
100				
102			bio	102
104				
106			light	
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	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SK	21/02/22
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				
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				

Light

bio

7

Dark

bio

13

Light



PAL

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:	
			HCSH	21/02/22	
			Comments		
0			light	DIST	7 cm
-2					
-4					
-6					
-8					
-10	Gley ¹ G/10G ₂		Dark		
-12			Intense bio	DIST	17
-14					
-16					
-18					
-20					
-22			light,		
-24			high bio		
-26			very slight		
-28			mottling		
-30	Chert @	Calc			
-32	19,	chalk			
-34		with			
-36		cm			
-38	38-41				
-40					
-42					
-44					
-46					
-48					
-50	45-47				
-52					
-54					
-56					
-58					
-60	94-97				
-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				Bio	120
-120					
-122	Gley ¹ G/10Y		Greenish		
-124					
-126					
-128					
-130				Bio	127
-132			light green		
-134					
-136					
-138					
-140					
-142					
-144					
-146					
-148					
-150					
-152					
	STR G/1		Red, DARK green	Bio	142
				Bio	144

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			SH&HC	21/02/22
2				
4				
6				
8				
10				
12	Gley 1, 7/5G4	Calc. Chalk with clay	light green	6
14			dark green	
16				
18				
20				
22				
24				
26				
28				
30				28
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58				59
60				
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88				
90				
92				
94				
96				
98				
100				
102				
104			light red	100
106				104
108				
110				
112			grey	
114				
116				
118				
120				
122				
124				
126			light red	124
128				127
130				
132				
134				
136				
138			light grey	
140				
142				
144				
146				
148				
150				
152				

CM Scale


0
-2
-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

Drawing/Annotation	Lithology	Logged By: HCR SM		Date: 2/6/2022	
		Comments			
	calc. chalk with clay	light green / gray			
54R 6/1		Reddish			
	calc. chalk with clay	light green / gray			
54R 6/1		Dark green on top, but red unit			
		Light			
54R 5/3		red			
		light green			
54R 6/1		light red			
54R 5/3		light green			
54R 5/3	dry clay calc. chalk	dark red			
54R 6/1		light red			
54R 5/3		Dark red			
54R 6/1		light red			
		green (light)			

49
58
77
83cm
88
102
104
109
111
119
126
133
147

CM Scale

0
2
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

Drawing/Annotation	Lithology	Comments	Logged By: HCB SM	Date: 2/1/2022
chert @ 14-16  light red patches @ 7-13; 27-28	Calc chert w clay	grey / light green		
		light red		33
		light green		87
		light red		90
		green (light)		96
		light red		104
54R 5/3	clayey Calc. chert	dark red		114

Cm Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			JH&HC	2/10/22
2			Dark red	6
4			light red	13
6			Dark red	22
8				
10				
12			light red	26
14			Dark red	35
16			light red grey	40
18				
20			light red	58
22				
24			Dark red	71
26			light red	78
28				
30				
32			Dark red	93
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58				
60				
62				
64			Dark red	101
66				
68				
70				
72			light red	107
74				
76				
78				
80				
82				
84				
86				
88				
90				
92				
94				
96			light red	117
98				
100				
102				
104			Dark red	121
106				
108				
110				
112			green	128
114				
116				
118				
120				
122			light red	
124				
126			light red	
128				
130				
132			Dark red	
134				
136				
138				
140				
142				
144			light red	
146				
148				
150				
152				

clayey
Calc
chalk

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HCSH	21/02/22
			Comments	
0			light red	
2				
4				
6				
8				
10				10
12			dark red	
14				
16				15
18			light red	
20				
22				20
24			dark red	
26				
28				
30				
32				28
34	34-35 chert		light green	
36				
38				35
40			light red	
42				
44				39
46			dark red	
48				
50				48
52	51-53 chert		light green	
54				
56				
58				
60				
62				63
64			light red	
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88	93-94 chert		dark red	
90				83
92				
94				
96				94
98			light green	
100				
102				100
104			dark red	
106				
108				109
110			light green	
112				
114				
116			light red	
118				114
120				
122			dark red	
124				118
126				
128				
130				124
132			light red	
134				
136				
138				
140				
142			dark red	
144				136
146	144-146 chert		light green	
148				142
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			JM&HC	21/02/22
Comments				
0				
2				
4				
6				
8				
10				
12				
14				
16				
18	18-20 chert	Calc chalk with clay		9
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40	36-37 chert			35
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				

Calc chalk
with clay

light green

9

18-20 chert

clayey
Calc. chalk

Dark red

DRILL

20

light green

29

Dark red

35

36-37 chert

light green

51

light red

55

Calc chalk
with clay

light green

70

light red

78

light green

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC&SH	Thu 21/02/22
			Comments	
0			Chert@ top 0-1cm	
2			Light green	
4			Mod. Bio.	
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				

FAL

Logged By:

JH & HC

Date:

21/02/22

CM Scale

Drawing/Annotation	Lithology	Comments
dom: 4-5cm		light green
dom: 19cm	clayey calc. chalk	dark red
		drilled light green
		dark red
46-48: dom 42cm: chert		light green
	calc. chalk w/ clay	light red
64cm: dom	calc. chalk w/ clay	light grey green
		darker green
		dark red
		brown
54R 412		(21)
		light red



10

22

34

39

52



56

95

106

(21)

142

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HCL JH	2/10/22
			Comments	
0				
2			light red	
4				
6				
8				
10				
12			light green	11
14				
16			dark red	15
18				
20				
22			light red	23
24				
26			dark red	29
28				
30			light green	37
32				
34			dark red	42
36				
38			light green	
40				
42			dark red	
44				
46				
48				
50				
52				
54			light green	55
56				
58			light red	60
60				
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84			light green	87
86				
88				
90				
92				
94			light red	93
96				
98				
100				
102				
104			prilled	106
106				
108	106-107		light green	
110	chert			
112				
114				
116				
118				
120			prilled	119
122				
124			light red	
126				
128				
130				
132			prilled	130
134	130-131		light green	
136	chert			
138				
140				
142				
144				
146			light red	140
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SH	21/02/22
			Comments	
0				
2				
4				
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
44				42
46				
48				
50				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				125
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

light red

Dark red

light red

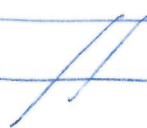
42

50

95/99

125

135



Logged By:

SH & HC

Date:

21/02/22

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

dark red

24

light red

34

dark red

light green

53

dark red

62

light green

78

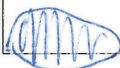
102-103
chert

dark red

125

light red

146



150-151
chert

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SAVHC	2/10/21/22
			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				
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				

light red

5

light green

21

dark red

51

light red

57

dark red

82

light red

125

Dark red

I
W

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Hc&SH	21/02/22
			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				
48				
50				
52				
54				
56				
58				
60				
62				
64				
66				
68				
70				
72				70
74				
76				
78			dark red	
80				
82				
84				
86				
88				
90				
92				
94				
96				
98				97
100				
102			light red	
104				
106				
108				
110				
112				
114				
116				
118				
120			dark red	121
122				
124				
126				
128			light red	127
130				
132				
134				
136				
138			dark red	136
140				
142				
144				
146				
148			light red	145
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC 6/14	2/6/22
			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				
48				
50				
52				
54				
56	chest@60.			
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	Drawing/Annotation	Lithology	Logged By:	Date:
			HC&JM	2/12/22
Comments				
0			dark red	
2				
4				
6				
8				
10				
12			light red	
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				



12

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:		
			Comments			
0	5YR 6/3	clayey calc. chalk	HCRSM	2/10/22		
-2					light red	
-4	5YR 5/4	calcareous crystalline	HCRSM	2/10/22		
-6					dark red	
-8					biot	24
-10					biot	30
-12					lime red	
-14					grad	38
-16					dark red	
-18					grad	49
-20					light red	
-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					grad	87
-88					dark red	
-90						
-92						
-94						
-96						
-98						
-100						
-102						
-104						
-106						
-108						
-110						
-112						
-114						
-116						
-118						
-120						
-122						
-124					biot	126
-126					light red	
-128						
-130						
-132						
-134						
-136						
-138						
-140						
-142						
-144						
-146						
-148						
-150						
-152						

CM Scale

0
-2
-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

Drawing/Annotation	Lithology	Logged By: SH & HC		Date: 21/02/22
		Comments		
	calc. claystone	dark red		
	clayey calc. shale	light red		7
		dark red		14
		light red		19
		dark red		
		light red		
		dark red		43
		light red		55
		dark red		64
		light red		68
		dark red		79
		light red		100
		dark red		131
		light red		139
		dark red		140

127-129
white
plot

CM Scale

0
-2
-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

Drawing/Annotation	Lithology	Comments	Logged By: JH&HC	Date: 2/10/22
		dark red light		
		dark		
		light		
		<u>light red</u>		
		dark red		
		light red		
		dark red		
2.5 YR 8/1		light red (very)		

7

19

116

63

82
86

104

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0	2154R811		ACB/SK	7/10/22
2				light
4				light red 4
6				
8				
10				
12				
14				
16				
18				dark red 18
20				
22				
24				
26				light green 25
28				
30				
32				
34				
36				
38				
40				primed
42	chert			light red 42
44				
46				
48				
50				49
52				
54				light green
56				
58				
60				
62				
64				
66				
68				
70				dark red 66
72				
74	chert			74
76				
78				light green
80				
82				
84				
86				
88				
90				gradational 92
92				
94				
96				
98				light red
100				
102				
104				
106				
108				
110				
112				
114				
116				
118				118
120				
122	2154R811			light red 125
124				
126				
128				dark red
130				
132				
134				136
136				
138				light red
140				
142				
144				
146				
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Hickson	2/10/22
			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				
-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				

11
dark red

17

light red

19

dark red

26

light green (or before)

51

Calc.
clay
stone

dark red

58

4R
2.58 | 1



142

CM Scale

0
-2
-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

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
	clayey calc. chalk	WHE	2/10/22
			light red
2.5 8 8/1			21
			26
			dark red
			light red
			33
			dark red
			39
			53
			2.5 8 8/1
			58
			light red
			72
	clayey calc. chalk		light green (as before)
			94
			light red
			98
			light green (as before)

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			JH & HC	2/02/22
			Comments	
0	3, 5 dom		light red	10
2				
4			light green (25 before)	14
6			dark red	18
8			light red	24
10			dark red	31
12			greyish (2.5YR 8/1)	37
14			light red	
16				
18			greyish (2.5YR 8/1)	51
20			light red	54
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	72-75 chert			
72				
74				
76			dark red	76
78				
80			light red	81
82				
84				
86				
88				
90				
92				
94				
96			dark red	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	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-20	2.54R G/3  core 7-11		JH & HC	2/10/22
20-42				
42-46	slay 1 8/11			41
46-50				
50-54	G/3			45
54-58	 core 54-58			
58-62	slay 1 8/56			59
62-66				
66-70	G/3			65
70-74				
74-78				72
78-82				
82-86				
86-90	G/3			85
90-94				
94-98				88
98-102				
102-106	10R 5/4			91
106-110				
110-114				
114-118				
118-122				120
122-126	G/3			
126-130				
130-134				
134-138				
138-142				
142-146				
146-150				
150-152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			MC&SH	21/02/22
			Comments	
0 - 38	254R 6/3		light red	
40			stratigraphic	
40 - 62	gley 2 7/1067		green	
62 - 92			69, 92, 93 dom	
92 - 96			reddish	
96 - 102	54R 5/11 gley 1 5/567		green	
102 - 106	104 3/4		101	
106 - 112	56 3/2		103	
112 - 120			104	
120 - 152	gley 1 8/5 84		light green	
			128 dom	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			SH & HC	2/02/22
			Comments	
0	Sley 1 8/5 Gy	Calc chalk with clay	light green	
2				
4	41-42 dom			
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42	Sley 1 5/5 Gy		dark green 42	
44				
46			46	
48				
50	Sley 1 8/5 Gy		light green	
52				
54				
56				
58				
60				
62				
64	10R 6/1	Calc.	reddish 63	
66				
68				
70	Sley 1 8/N	claystone	grey 68	
72				
74				
76				
78				
80	10R 7/1		reddish 77	
82				
84				
86			84	
88				
90	Sley 1 8/N		grey	
92				
94				
96				
98	10R 6/1		reddish 95	
100				
102				
104	Sley 1 8/N		grey 100	
106				
108				
110				
112	10R 6/1		reddish 108	
114				
116				
118	Sley 1 8/5 Gy	chert 124	grey light green 113	
120				
122				
124				
126				
128				
130	Sley 1 5/5 Gy		dark green 126	
132				
134				
136				
138				
140				
142				
144				
146	chert 144-147		light green 136	
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HCSH	21/02/22
			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 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	<p>leg 1 8/5 34</p> <p>chert 2-5 cm 34-36</p> <p>clom 10/14, 35, 49</p>	<p>Calc. chalk with clay</p>	<p>light green</p>	
	leg 1 5/5 80	Calc. claystone	<p>dark green</p>	
			<p>light green</p>	
		calcareous claystone	<p>dark green</p>	
			<p>light green</p>	
	leg 6/11		<p>reddish</p>	
			<p>light green</p>	
			<p>reddish</p>	
			<p>light green</p>	

67

75

91

105

114

120

131

134

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SH	2/10/22
			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				
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				

light green

reddish

light green

dark green

light green

Chert
42

reddish

light green

119 chert

reddish

light green
pitted

reddish

light green

7

11

30

35

93


97

112

120

127

133

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SA	21/02/22
			Comments	
0				
2				
4				
6				
8				
10				
12	 7.9 cm chert			
14				
16				
18	10R 6/2			15
20				
22				
24				
26				20
28				
30				
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58				
60				
62				
64				
66	10R 5/3			62
68				
70				
72				
74				
76				
78				
80				69
82				
84				
86				
88				
90	10R 5/3			85
92				
94				
96				
98				
100				
102				
104				88
106	10R 5/3			
108				
110				
112				
114				
116				
118				
120				
122				
124				
126				
128				
130	10R 7/1			128
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & SA	2/10/22
Comments				
0	10R 7/1		Reddish gray	
-2				
-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

15

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 22
			Comments	
0			The rest is light greenish-gray calcareous chalk	
2				
4				
6		Claystone		
8				
10				
12				
14		Chert		
16				
18				
20				
22				
24				
26				
28				
30		Clay		
32				
34				
36				
38				
40		Clay		
42				
44				
46				
48				
50				
52				
54		Clay		
56				
58				
60				
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88				
90				
92				
94		Clay		
96				
98				
100				
102				
104				
106				
108		Clay		
110				
112				
114				
116				
118		Chert		
120				
122				
124				
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 22
			Comments	
0		clay	The rest is calcareous shale	
-2				
-4				
-6				
-8				
-10				
-12				
-14				
-16				
-18				
-20				
-22		clay		
-24				
-26				
-28				
-30				
-32				
-34				
-36				
-38				
-40				
-42		chert		
-44				
-46				
-48				
-50				
-52				
-54				
-56		clay		
-58				
-60				
-62				
-64				
-66				
-68				
-70				
-72		clay		
-74				
-76				
-78				
-80				
-82				
-84				
-86				
-88				
-90				
-92				
-94				
-96				
-98		clay		
-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				

Logged By: DP

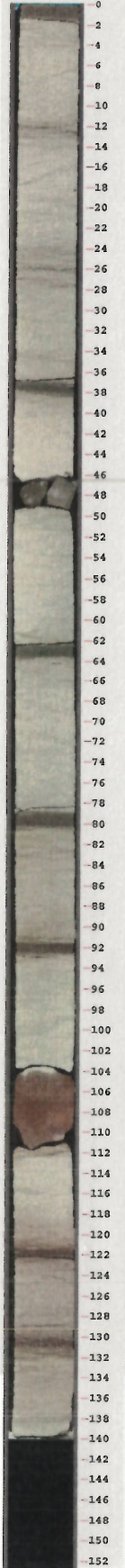
Date: Feb 22

Drawing/Annotation

Lithology

Comments

CM Scale



The rest
is
light greenish-gray
calcareous chalk

clay

chalk

clay

clay

clay

chalk

clay

clay

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 27
			Comments	
0			The rest is calcareous chert	
2				
4				
6				
8				
10				
12				
14		clay		
16				
18				
20				
22				
24				
26				
28		clay		
30				
32				
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				
56				
58		clay		
60				
62				
64				
66				
68				
70				
72				
74				
76				
78		chert		
80				
82				
84				
86				
88				
90				
92				
94				
96				
98				
100				
102				
104				
106				
108				
110				
112				
114				
116				
118				
120				
122				
124		clay		
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DP	Feb 22
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				
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				

claystone

The rest is
calcareous chalk

claystone

claystone

claystone

clot

clay

clay

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			OP	Feb 22
			Comments	
0			The rest is calcareous chalk.	
2				
4				
6				
8				
10				
12				
14				
16				
18		claystone		
20				
22				
24		claystone		
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		claystone		
80				
82				
84				
86				
88		clay		
90				
92		Chert		
94				
96				
98				
100				
102				
104				
106		clay		
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	Drawing/Annotation	Lithology	Comments	Logged By:	Date:
				DJ	Feb 22
0					
2					
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					

light reddish 2.5YR 6/3
~~green brown~~

light green

gley 1.8Y 5GY

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 22
			Comments	
0 - 28		Calc chalk w/ clay	Moderate - high bioturbation	
28 - 30	<hr/>			
30 - 46		clayey calc chalk	Gley 18/5GY light greenish gray 2.5YR 5/4 6/3 light reddish brown	
46 - 50		cherty layers	5YR 5/4 reddish brown	
50 - 88		Calc chalk w/clay	18/5GY	
88 - 92	<hr/>			
92 - 116		clayey calc. chalk.	2.5YR 5/4 6/3	
116 - 120			clay rich dark band	
120 - 152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			DJ	Feb 22
-2				
-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				

↑
clayey
calc.
chalk

calc. chalk w/ clay



signified
limest.
(cherty) calc. chalk w/ clay.

↑
clayey
calc.
chalk

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			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				
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				

clayey calc. chalk.
 1cm scale bands
 of clay-rich, dark
 red material

isolated lighter
 bands
 bioturbation:
 high.

Fracture filled
 w/ calcite
 @ 137 cm.

~~137 cm~~

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	Feb 22.
			Comments	
0 - 16		↑	clayey calc. chalk	
16 - 28				
28 - 34			→ inoceramid - 25-27 cm	
34 - 44			→ clay rich layers ~1cm (claystone)?	
44 - 76		↓		
76 - 84			Siliceous Lt	
84 - 98		↑	clayey calc. chalk	
98 - 100				
100 - 146		↑	calcareous chalk w/o clay	
146 - 152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			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				
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				


calc. chalk with clay.

clayey calc. chalk.

Siliceous ls.

Calc. chalk. with clay.

Siliceous ls.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-10		Silic. lst.		
10-24	Clayey calc. chert			
24-36				
36-42	calc. chert w/ clay			
42-60				
60-70	cl. c. ch			
70-72				
72-76	Silicous lst			
76-84				
84-90	c. ch w/ cl			
90-100				
100-102	clayey calc. ch.			
102-106	calc. ch. w/ clay			
106-112				
112-114	clayey calc. chert			
114-120				
120-126	calc. chert w/ clay			
126-132				
132-140	clayey calc. chert.			
140-152				

Logged By:

DJ

Date:

Feb 22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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

light
reddish brown.
calc. chalk w/
clay →
fragmented

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			UP	Feb 72
			Comments	
0				
-2				
-4				
-6				
-8				
-10				
-12				
-14				
-16				
-18				
-20				
-22				
-24				
-26				
-28				
-30				
-32				
-34				
-36				
-38				
-40				
-42				
-44	Silicified	Calcareous chert w/clay		
-46				
-48				
-50				
-52				
-54				
-56				
-58				
-60				
-62				
-64	Silicified			
-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				

Silicified

Calcareous chert w/clay

Silicified

cm-scale
clayey
cherts

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			UV	Feb 22
			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				
-48				
-50				
-52				
-54				
-56				
-58	Silicified			
-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				

clayey
chalk

Silicified

Calcareous chalk w/ clay

Logged By: DP

Date: Feb 22

CM Scale

- 0
- 2
- 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

Drawing/Annotation

Lithology

Comments

Silicified

Calcareous
Chalk w/ clay

Clayey
chalk

— calcite vein
Silicified

calcite vein

Silicified

Logged By: DP

Date: Feb 22

CM Scale

0
-2
-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

Drawing/Annotation

Lithology

Comments

Inoceranids

Calcareous Chalk
w/ clay

Clayey
Chalk

Silicified

Logged By:

DP

Date:

Feb 22

Drawing/Annotation

Lithology

Comments

CM Scale

0
-2
-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

Silicified

Clayey chalk

Silicified

CM Scale	Drawing/Annotation	Lithology	Logged By: <i>DC</i>	Date: <i>Feb 22</i>	
			Comments		
0	<i>Silicified</i>	<i>Calcareous Chalk & Clay</i>			
2					
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	<i>Silicified</i>			<i>(Clayey Chalk</i>	
58				<i>)</i>	
60					
62					
64					
66					
68					
70					
72					
74					
76					
78					
80	<i>Silicified</i>				
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					



Logged By:

DP

Date:

Feb 22

Drawing/Annotation

Lithology

Comments

CM Scale

- 0
- 2
- 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



Subsided

Calcareous
chalk w/d clay

Logged By:

HC 2 PC

Date:

2/2/2024

CM Scale

0
2
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

Drawing/Annotation	Lithology	Comments
11-12 dark red 12y20	Calcareous chert with bitules	Very light red Drilled 18
	Calc chert with clay	light red
chert		chert layer med. drilled red drilled 29
		light red drilled 33
chert		chert, light red drilled 46
		light red drilled 52
		greyish green bit 63
		very light bit drilled 65
		medium red bit 67
		very light bit 72
SOFT LAYER, 2,5YR6/3		less compacted than the rest drilled 75
		medium red drilled 78
		light red bit 79
chert		very light drilled 82
		light red drilled 84
		light red drilled bit 92
		light red bit 106
		dark red bit 108
chert 125-127	clayey calc. chert	light red
= 128-129 dark red band		
		medium red 138

CLAY

light red : 2.5YR 6/4

dark red : 2.5YR 3/4

very light : 7.5YR 8/2

light green = Gley 1 8/5G4

392-U1579D-53R-2-A |


Medium red =

2.5YR 5/4

greyish green:

Gley 1 7/10G4

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC&PC	22/2/22
Comments				
0-24				med. red
24-26	24-25: dark red band			light red
26-60				SHARP 10
60-62				GRAD
62-66		60cm		Dark red band @ boundary
66-74	CHERT 5Y 5/4			med red PRIMA 69
74-78				mottled, greenish brown SHARP 74
78-84				light red
84-88				dark red
88-92				bl/bw 85
92-94	115-118: macromolds			bl/bw 87
94-104				light red
104-114	104: band of dark red			
114-122				
122-126				SHARP
126-132	CHERT 129 funny circle			med. red SHARP 122
132-134				SHARP
134-142	CHERT			light red 131
142-152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC EPC	22/2/22
Comments				
0 - 12			light red	
12 - 14			dark red	12
14 - 16			light red	15
16 - 42	48-49  chert		dark red	42
42 - 44			light red	44
44 - 88			light red	
88 - 90			dark red	88
90 - 91			light red	91
91 - 107			medium red	107
107 - 110	chert		light red	110
110 - 124			chert	124
124 - 127			med. red	127

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-36	with dark red bands @ 4, 12-13, 18, 23 cm		HC & PC	22/2/22
36-40			dark red	Bio 37
40-44			medium red	Bio 39
44-50	dark red @ 50 cm		light	
50-56	fragments of the contents			
56-60			dark red	Bio Bio 59
60-64			med. red	light red 61
64-70		Calc chalk with little	very light	GRAD 68
70-74	one		med. red	60 cm
74-78				PRILLED 77
78-128			light red	
128-130			dark red	Bio 129
130-132			light red	HARD 130
132-136				131
136-140				grad 133
140-152			very light	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:	Comments
			HC & PC	22/2/22	
0	CHERT				medium red SHARP 2
2					light red grad 5
4					med. red
6	CHERT				very light grad 20
8					med red Dotted 22
10					light red SHARP 26
12					light red
14	dark red bands @ 34-35 cm, 48-49 cm 57 cm				dark red BLS 67
16					light red BLS 63
18					light red
20					grad 71
22					med red
24	dark band 90-91				
26					
28	CHERT				SHARP 107
30					light red med red SHARP 115
32					light red grad. 118
34					dark red grad 122
36					med red
38	CHERT 39-40, 149-end				dark red BLS 129
40					SHARP 131
42					red red CHERT

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HEAPC	22/2/22
Comments				
0-2	chert		med red	SHARP 2
2-4			med red	Bio 7
4-6			dark red	Bio 10
6-14	chert 14		med red	
14-18			dark red	Bio 18
18-21			med red	po 21
21-23	Patches of very light green		very light	23 23
23-32	light full of biot.		dark red	32 32
32-36			med red	Bio 36
36-42			dark red	Bio 42
42-45	45-47: patches of very light chert		med red nodules or green	SHARP 45
45-59			med red	SHARP 59
59-68			light red	Bio 68
68-87	chert		dark red	pebbled 87
87-90			med red	grad Bio 90
90-96				SHARP 96
96-102			med red	
102-104			dark red	Bio 102
104-106				Bio 104
106-110			med red	
110-112			dark red	Bio 110
112-114				Bio 112
114-116			med red	
116-118			dark red	Bio 116
118-120				Bio 118
120-124			med red	
124-126			med red	
126-130			med red	
130-132			med red	
132-134			med red	
134-136			med red	
136-138			med red	
138-140			med red	
140-142			med red	
142-144			med red	
144-146			med red	
146-148			med red	
148-150			med red	
150-152			med red	

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
		HC 2PC	22/2/22
		med red	Bio
		dark red	

4

CM Scale

- 0
- 2
- 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

Dark red: 2.54R 314

light greyish red 2.54R613

Medium red 2.54R 516

392-U1579D-54R-1-A |

392

CM Scale

Drawing/Annotation	Lithology	Logged By:	Date:
		PC & HC	22/02/22
Comments			
		dark red	B10 - 3
High 510		medium red	B10 - 7
		dark red	B10 - 10
19: diam 14: diam 24-29 diam		Medium red	
		light greyish red	SAMPLE 28
		dark red	BRILL 30
		light greyish red	TRAC 34
		med. red	SHARP 40
		dark red	B10 - 45
} diam frag		med. red	B10 - 48
		dark red	B10 - 61
} diam frag		light greyish red	GRAD - 67
75-79: diam		dark red	GRAD - 75
84: diam		med. red	B10 - 81
92 cm: diam		dark red	GRAD - 89
95-96, 100: diam		med red	B10 - 92
			B10 - 98
		dark red	
		med. red	SHARP - 110
		dark red	B10 - 113
121: diam		med. red	B10 - 117
check 135-136		dark red	GRAD - 124
		med. red	BRILL - (3)
		dark red	GRAD - 140



0
2
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

CM Scale

Drawing/Annotation	Lithology	Logged By:	Date:
		HCL PC	22/02/22
Comments			
		med red	
		dark red	BU 7
Mod bio			BU 9
		med red	
			BU 18
		dark red	
		light greyish red	SHARP 26
		dark red	DRILL 30
		light greyish red	SHARP 33
		Med. red	GRAND 35
			BU 60
Gley 5G6/1		dark grey	
		green-brown	DRILL 62
			DRILL 66
		med red	
		dark red	GRAND 74
		light greyish red	DRILL 77
		dark red	GRAND 81
High bio			GRAND 91
		med red	
			DRILL GRAND 105
		dark red	
		light greyish red	DRILL GRAND 111
High bio		med red	SHARP 114
		dark red	GRAND 129
High bio		med red	
			BU 132
Chert		dark red	BU



CM Scale	Drawing/Annotation	Lithology	Logged By: POBHC		Date: 2/10/22
			Comments		
0			dark red		
2					
4					
6				SHARP	5
8	Med bio		med red		
10					
12					
14				DRILL	12
16			dark red		
18					
20				grad	16
22			med red		
24					
26					
28			dark red	drill	24
30	creck			Bio	27
32			med red		
34					
36				Bio	34
38			dark red		
40	Low			Bio	38
42			light purplish red		
44				DRILL	45
46			dark red		
48					
50			light purplish red	SHARP	50
52	creck			SHARP	55
54			dark red		
56					
58			dark red		
60				grad	60
62			med red		
64					
66			dark red		
68					
70			med red		
72				grad	66
74			dark red		
76					
78			dark red	grad	66
80					
82	High			sharp	71
84					
86					
88			med red		
90					
92					
94					
96					
98	creck				
100					
102					
104				sharp	109
106					
108			dark red		
110				sharp	111
112					
114					
116					
118	High		med red		
120					
122					
124				Bio	133
126			light purplish red		
128					
130					
132					
134					
136					
138					
140					
142					
144					
146					
148					
150					
152					

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			AC & PC	22/02/22
			Comments	
0				
2				
4				
6				
8				
10				
12				
14				
16	mod bb.			
18				
20				
22				
24				
26				
28	(fungal green stuff)			
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				



6

med red.

mod bb.

Light greyish red
Gley 15G5/2 SHARP

14

21

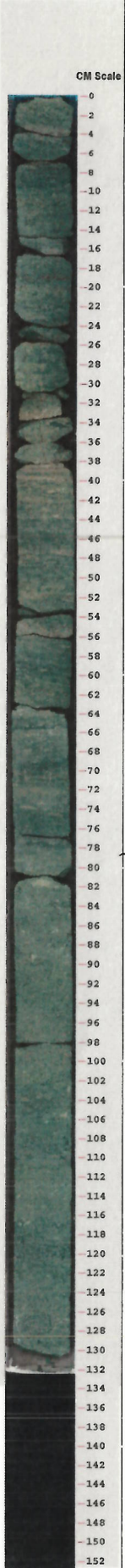
CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-36	19# Soft sediment deformation? Black dark green nodules / patches	glauconitic claystone	HCP	22/2/22
36-37				37
37-48		glauconitic claystone		48
48-57		glauconitic sandstone		57
57-68		glauconitic siltstone		68
68-74		glauconitic in sandst.		74
74-80		glauconitic siltstone claystone		80
80-93		glauconitic siltstone		93
93-152	44 cm to the end: High bioturbation 120-123: secondary replacement?	glauconitic sandstone medium		

soft-sediment deformation

CM Scale

Drawing/Annotation	Lithology	Logged By:	Date:
		HC2PC	22/2/22
Comments			
7 cm: coarse layer bioturbation interval mark for soft sed. def. The rest of the core: Bioturbation High (Or soft sed def.?)	glauconitic siltstone glauconitic siltstone	Gley 1 5G5/2 (green) intra-clasts of fine sand → Gley 1 7/104 soft sediment deform. medium sand plate green + coarse sand darts layer (1 cm)	18
	glauconitic	green	51
		coarse layer	65 67
92-137: sub-vertical replacement veins	fine sandstone	green contains medium sand clasts	
	glauconitic coarse ss	coarse green subvertical secondary replacement vein	117
	glauconitic fine sandst.	soft-sediment deformation	122



Drawing/Annotation	Lithology	Logged By:	Date:
		HCLPC	22/12/22
		Comments	
 <p>in case of bioturbation (or soft sediment deformation?)</p>	<p>glaucous mic claystone</p> <p>medium sandstone</p>	<p>Green silt 1 5G5/2</p> <p>possible layering between grain sizes and slight color change</p> <hr/> <p>Scouring (soft-sediment deformation) loading, flames</p> <p>the layers of claystone and silt sandstone alternate</p> <p>thin layers of claystone throughout</p>	
<p>High Bioturbation (or soft sediment deformation?)</p>	<p>glaucous mic sandstone</p>	<p>more massive</p> <p>green silt 1 5G5/2</p> <p style="text-align: right;">79cm</p>	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC2PC	22/1/22
			Comments	
0 - 10		glaucous fine med sand	Coarse green gley 15G5/2	
10 - 34		glauc. siltstone	layered green gley 15G5/2 + gley 17/104 layers of medium sand soft sediment deformation (loading, scouring) + fatting of	
34 - 46		glauc. siltst.	Coarse green gley 15G5/2 + gley 17/104 layers of med. sandstone soft-sed deformation (slumping)	
46 - 75		glaucous clayst.	layered green gley 15G5/2 interlayered w/ + gley 17/104 medium sandstone	
75 - 78	Coarse green gley		Coarse green gley	
78 - 85			layered green	
85 - 87			yellow + clay layer of gley 17/104 coarse-v. coarse sand	
87 - 117		glaucous sandstone	Coarse green gley 15G5/2	
117 - 122		glaucous siltst.	layered green gley 15G5/2 parallel laminae	
122 - 128	Coarse green gley		Coarse green gley	
128 - 152		glaucous sandstone	massive coarse; intense botch.	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-12		glauco. med. sandst.	HEPL	22/12/2
12-37		glaucon. siltstone		13
37-42		glauco. fine sandst.		37
42-61		glauco. fine sandst.		42
61-63		glauco. siltst.		61
63-152		glauconitic medium sandstone		63

Comments:
 green coarse, massive intense bioturbation
 green coarse, Intense bioturbation load casts (soft sed. deform.)
 green massive gley (as before)
 green 'layered' coarse High bioturbation
 green massive
 green, coarse, 'layered' High bioturbation + soft sediment deformation

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0 - 56		glauc. med. sand stone		
56 - 59		glauc. siltstone		56 59
59 - 98		glauc. fine sand. stone		
98 - 138		glauc. coarse sandst.		
138 - 142		glauc. clayst.		138 142
142 - 152		glauc. fine sand-st.		
100 - 110		glauc. fine sandstone		98
110 - 120				
120 - 130				
130 - 140				
140 - 150				

massive:
shaly?

Coarse green, massive
intense
High bioturbation
red layer of med sandstone
(10R5/4)

dark green

Coarse green, massive

in lower part
intense bioturbation
massive
green

layered green; + gley 1/7/564
Coarse among massive
thin layers of
coarse sandstone

Massive green

Coarse green
layered

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-30	Very coarse layers	glauco white medium sandst.		
30-33	5-6 cm, 33-34 cm coarse layers			
33-34				Layering between coarse sandstone (main part) + thin layers of claystone (<2cm) intense bioturbation green sh. + Gley 17/104
34-72				slight soft-sediment deformation (loading)
72-73				coarse green, massive High bioturbation

CM Scale

0
-2
-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

Very coarse layers
~~5-6 cm, 33-34 cm coarse layers~~

glauco
white
medium
sandst.

Layering between coarse sandstone (main part) + thin layers of claystone (<2cm) intense bioturbation green sh. + Gley 17/104

slight soft-sediment deformation (loading)

coarse green, massive High bioturbation

} combined

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			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				
-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

Massive green
High bioturbation

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
Comments				
0 - 3	3	glauc. v. coarse sand	subangular grains well sorted Gley 1 6/1064	
3 - 20	20	glauc. fine sand stone	54 5/2 moderate bioturbation? or reworking massive, moderately sorted	
20 - 61	61	glauc. mitic fine sand stone	layered moderately bioturbated? or reworked Gley 1 6/1064 54 5/2 (main)	
61 - 65	65	glauc. coarse sand stone	54 7/1 Gley 1 6/1064 (secondary)	
65 - 113	113	fine sandstone	reverse grading, well sorted Gley 1 6/1064	
113 - 117	117	coarse sandstone	layered (Gley 1 6/1064) thin siltstone with sandstone Gley 1 6 7/56-1/1	
117 - 132			reverse grading, well sorted Gley 1 6/1064 + 1 clast of claystone Gley 1 7/56-1/1	
132 - 152		med. sand.	moderate soft sediment deformation load casts	

NOTE: whole core is 'glaucmitic'

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0	12.5-16.5	medium sandst.	DE	23/2/22
2				
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				

layered with siltstone
~~(grey #15G6/2)~~ ~~(grey #7/5G4)~~

update

medium sandst.

massive ~~grey~~ 5G6/1

some reworking
of claystone clasts
(matrix supported)
medium pebble size

Secondary infill at 94cm

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			Comments	
0				
-2				
-4				
-6				
-8				
-10				
-12				
-14	14			
-16	16	med. sands		normal grading, well sorted
-18				
-20				
-22				
-24		fine sandst.		layered/laminated 565/2 silt
-26				alternating layers 567/1 sand
-28				
-30				
-32				
-34				
-36				
-38				
-40				
-42	42			
-44				
-46	46	medium sandst.		normal grading, very well sorted
-48				irregular base, subrounded grains
-50				
-52				
-54				
-56				
-58				
-60				
-62				
-64				
-66				
-68				
-70				
-72				
-74				
-76				
-78				
-80				
-82				
-84				
-86				
-88				
-90	90			
-92				
-94				
-96	96	medium sandstone		alternating layers 565/2 silt
-98				567/1 sand
-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				

alternating layers 565/2 silt
567/1 sand

minor reworking
of clay pebbles

minor soft-sediment deform.
or minor bioturbation

well-sorted, subrounded
minor lithic fragments, normal grading 2.5/1
irregular base

incl. large pebble (clay)

alternating layers 565/2 silt
567/1 sand

minor soft sediment
deformation (load cast,
rip-ups)

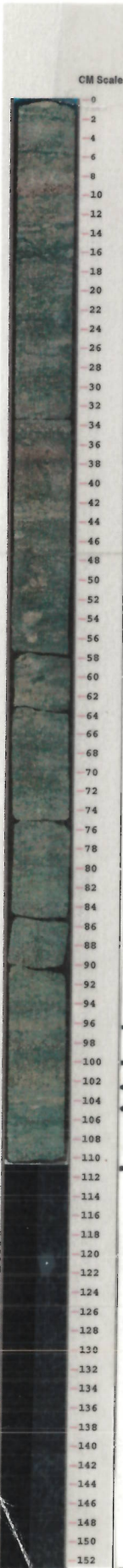
sand layers → normal
grading

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			Comments	
0-17.5		fine sandstone	alternating layers (567/1) of silt and fine sandstone (566/1) moderate soft sed. def. / bioturb.	
17.5-22.5		medium sandst.	normal grading, well sorted 564/1 → sandstone several med.-large pebbles (clay) → 566/2 irregular base (load cast)	
22.5-51.5		fine sandstone	alternating layers (faint) of silt (567/1) and fine sandstone (566/1) minor soft sed def. / bioturb. Glauconite streak at 44cm	
51.5-57.5		medium sandstone	moderate soft sed def. / bioturb. alternating with silt (567/1) + sst. (566/1)	
57.5-80		siltstone	minor soft sed. def. / bioturbation alternating with fine-coarse sandstone (566/1), normal grading siltstone is 567/1 irregular base (load cast)	
80-85		medium sandstone	medium sst. 566/1 interlayered with coarse sst. 567/1 + pebbles + granules of clay (rip-ups?) → 566/2, minor soft sed def	
85-101		fine sandst.	laminated sst. 564 with siltstone 567/1 moderate soft sed def. / bioturb. (scouring)	
101-104		fine sst.	massive (10647) with clay rip up clasts (566/2)	
104-152			alternating layers (~1cm) of fine sst (564) and siltstone (567/1) moderate soft sed. def. (scouring, load casts)	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0-20	20	fine sandst.		alternate layers of fine sst. 5/5G4 and siltstone (5G5/2) moderate soft sed. def. + bioturb.
20-79	79	fine sandst.		Massive, severe soft sed. def + bioturb. (layering disrupted) / reworked matrix-supported pebble clasts (clay to sst) colours as above
79-103.5	103.5	medium sst.		massive, severe soft sed. def + bioturb. (layering reworked) colours as above
103.5-130	130	fine sst.		alternate layers of fine sst. + siltstone (colours as above) minor soft sed def / bioturb load casts, flame str.
130-152		medium sst.		alternating layers of fine sand - medium sand (5/5G4) (5G47) or 7/5G4 minor soft sed. def. / bioturb load casts 1cm layer of coarse sand at base

→ who knows?
↓

*7 in 100
does not
correspond*



Drawing/Annotation	Lithology	Logged By:	Date:
		DG	2/3/22
Comments			
1 10	fine med. laminated fine sst sst.	colours as before	
2 17	fine sst.	with medium sst + silt, minor soft sed. def. (load casts)	
3 29	fine sst.	laminated fine sst with siltstone, moderate soft sed. def. / reworking	
4 35	med sst.	laminated med sst. (normal grading) with silt,	
5 37	fine sst.		
6 46	fine sst.	laminated with medium sst. minor soft sed def.	
7 60	med. sst.	Some clay + secondary small - large pebbles laminated with siltstone some clay pebbles (rip-ups) minor soft sed def.	
8 96.5	siltstone	with 1cm thin layer of coarse sandstone lithic? fragments? chert?	
9 100	coarse sst.	100-103cm: coarse sst., normal grading, well sorted + 1 pebble clay clay	
10 103	med. sst.	alternating with silt moderate soft sed def.	
11 111	med. sst.		
	med. sst.		

7 layers

392

392-U1579D-56R-6-A |

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0	1	3.5 fine sand		
2				well-sorted (10Y6)
4	2	medium sand		alternating layers of siltstone (5G6/2) and medium sand (5G46)
6				moderate soft sed def. (scouring, load casts)
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42		44.5		
44	3	48 fine sand		well sorted (10Y6), some clay clasts (small pebbles) 5G6/2
46				
48				
50				
52				
54				
56				
58				
60				
62	4	med. sst.		Massive, normally graded some pebbles in lower part 5G6/2
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84		85		
86	5	coarse sst.		well-sorted subrounded moderately, normal grading 2.5Y7/2
88		89		
90				
92				
94				
96				
98				
100				
102				
104	6	med sst.		Massive, normally graded some pebbles in lower part 5G6/1
106				
108				
110				
112				
114				
116				
118				
120				
122				
124				
126				
128				
130				
132				
134	133.5	coarse sst.		alternating layers of coarse sst + med. sst + minor silt (5G6/1)
136				
138				
140				
142				
144		142		
146				
148				
150				
152				

1 layer

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			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				
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				

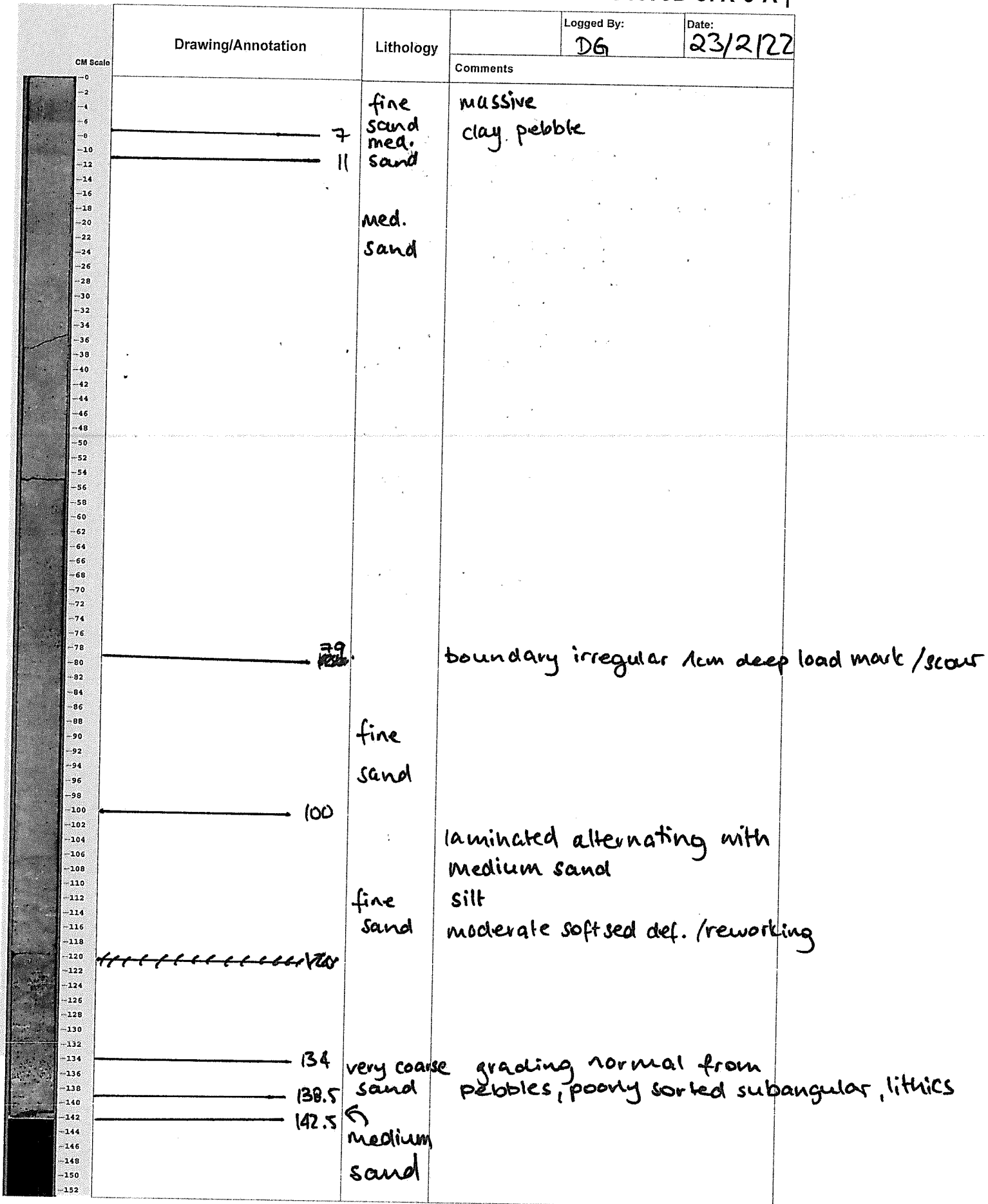
medium sst

alternating med sst.
with silt + fine sst.
normal grading in med sst.
moderate soft sed def. /biolub

14

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			Comments	
0-92	Drilling disturbance	med. Sand	(massive) medium sand (10G/6) with thin layers (1.5cm) of coarse sand (104/7) at 21cm, 33cm rare subrounded pebbles + late infilling at 55.5cm (concretion).	
92-121	2	med. sand	alternating layers of med. sand + silt ↳ 10G/6 ↳ 5G5/2 moderate soft sed. def./rew.	
121-122				
122-126	3	silt	massive (5G4/2), sharp basal contact	
126-128	4	med sand	normal grading upto base is coarse sand	
128-132	5	med fine sand	basal contact is irregular (scours) 5G6/1	
132-136	6	fine sand	basal contact sharp (5G4/2), some pebbles	
136-142.5	7	fine sand	laminated, moderate soft sed def. with silt (5G6/2)	

both same colour



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			Comments	
0				
2				
4				
6	1	medium sand 5G6/1		alternating with silt (5G47, 5G5/2)
8				
10	10			
12	2	fine sand		massive, normal graded, colour change 5G5/2 - 10G44
14	14			
16				
18				
20				
22				
24	3	medium sand		alternating with fine sand (5G6/1) and silt (5G5/2) moderate soft sed. def.
26				
28				
30				
32				
34				
36	36			
38	4	coarse sand		alternating with med. sand, normal grading, irregular base
40	39			
42				
44				
46	5	medium sand		alternating with silt (5G5/2) moderate soft sed def.
48	48			
50				
52	6	coarse sand		alternating with fine sand (5G6/1)
54	55.5			
56				
58				
60				
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88				
90	7	medium sand 5G6/1		alternating with silt (5G5/2) moderate soft sed. deformation + reworking
92				
94				
96				
98				
100				
102				
104	104.5			
106				
108				
110				
112				
114				
116				
118				
120				
122				
124				
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

Drawing/Annotation	Lithology	Logged By:	Date:
		DG	23/2/22
Comments			
	medium sand	laminated alternations of medium sand with silt (GLE41565/2) (GLE4110646) minor soft sediment deformation / reworking contains medium pebbles → clay irregular base	
41	medium sand	massive, irregular base normal grading medium sand - fine sand (GLE411047) (GLE415647)	
55	medium sand	irregularly laminated (relic texture), intensely reworked thin layers (0.5-1cm) of coarse sand (GLE415647) + granules - v. large pebbles secondary-infilling (medium pebble size @ 117cm)	
135	silt	laminated alternations of silt (GLE4565/2) with medium sand (GLE4567/1)	

CM Scale

0
-2
-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

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
Comments				
0-11	1 minor reworking soft-sed. def.	fine sand	laminated, alternating layers of fine sand, with med. sand + silt ↳ see previous colour codes	
11-33	2	medium sand	laminated (relic texture) alternating with layers of fine sand, subordinate silt irregular basal contact	
33-40	3	fine sand	laminated, contains pebble clay clast alternating with clay, irregular basal contact	
40-45	4	fine sand	laminated, alternating with coarse (normal graded) medium sand + silt, irregular basal contact (scour)	
45-74	5	medium sand	massive, but some internal normal grading (gradational) some silt/clay pebbles irregular basal contact	
74-130	6	medium sand	massive, no internal texture moderate reworking contains clay/silt pebbles	
130-143	7	fine sand	laminated alternating layers of silt + fine sand moderate soft sed. def. reworking	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	23/2
Comments				
0	①	med sand.	Laminated, greenish gray. clasts. 5G 5/2. sqn. bed def.	
22	② 5G 6/2	med sand.	laminated, yellowish gray w/dark green layers; irreg. ubr boundary	
31	③ 5G 5/2	coarse ss.	clasts abundant, rev grading	
36.5	④ 5G 5/2	fine sands	massive, green	
39	⑤ 5G 6/2	v. coarse sands	clasts abundant, rev. grading	
48	⑥	coarse sandst.	5G 5/2. massive, poorly normal grading. gradational boundary. clasts abundant. dark green patch (104 cm)	
104				

CM Scale	Drawing/Annotation	Lithology	Metadata		Comments
			Logged By:	Date:	
0			DG	23/2/22	
2					
4					
6					
8					
10					
12					
14					
16					
18	1	fine sand silt			laminated, alternating layers of fine sand and silt moderate reworking
20					
22					
24					
26					
28					
30					
32					
34	2	fine sand	32.5		laminated, alternating layers of fine sand with coarse sand base (irregular) moderate reworking
36			36.5		
38					
40					
42	3				
44					
46					
48					
50			49.5		laminated silt layers with alternating fine sand, few coarse sand grains at 43 cm
52	4	silt coarse sand			massive with silt layers (disrupted), reworked grains are subangular
54			59.5		
56					
58					
60					
62					
64					
66					
68					
70					
72	5	very coarse sand			massive, moderately sorted grain-supported, size ranges from v. coarse sand - granules irregular base (load/scour)
74					
76					
78	6	med. sand	78		matrix-supported
80					
82	7	coarse sand	81.5		moderately sorted
84					
86	8	med. sand	84		subangular - subrounded grains
88			87		grain supported
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					

lithic fragments
subangular -
subrounded
(incl. brown/red chert)

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			Comments	
0-13.5	GLE4 1564/6	medium sand	faintly laminated alternating with fine sand minor-moderate reworking irregular base (load cast)	
13.5-55	GLE4 1564/6	fine sand	faintly laminated with silt 44-45 cm coarse sand layer (GLE4 2588) contains medium-large elongate pebbles (GLE4 2588)	
55-61	2.54 1/7	coarse sand	irregular base (scour)	
61-101	GLE4 1566/2	medium sand	moderately sorted, irregular base load /scour few medium-large pebble-sized intra-clasts → reworking, normal grading thin clay layer (0.5cm) dark: GLE4 2586/2.5	
101-104	GLE4 11047	coarse sand	alternating with pebbles	
104-106	GLE4 1566/2	fine sand	alternating with silt	
106-110	GLE4 1564/2	silt	massive with intraclasts of medium sand GLE4 1564/2, intense reworking	
110-124	GLE4 1566/1	fine sand	alternating medium sand + 7cm thin pebble layer laminated with silt	
124-133	GLE4 1565/1	medium sand	laminated, intensely reworked with silt	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
			Comments	
		3.5 fine sand	massive, irregular base reddish (OR 1/6)	
	OR 1/6	6.5 med sand	alternating w. silt, layered, elongate pebbles	
	GLE 1 SG 5/2	fine sand	laminated with silt (SG 5/2) moderate reworking coarse sand, poorly sorted at base (1cm thin layer)	
	GLE 1 SG 6/2	34.5 fine sand	laminated with medium sand + silt minor reworking, contains large pebble at base	
	GLE 1 SG 6/1	40.5 medium sand	laminated with fine sand, normal grading	
	GLE 1 SG 6/1	44.5 medium sand	laminated with fine sand moderate reworking, irregular base	
	GLE 1 IOGY 16	54 medium sand	laminated intense reworking, soft sed def., load casts top layer (1cm) coarse sand, poorly sorted subangular-subrounded grains secondary infill (large pebble sized) at 66cm colour: 2.5Y 6/6	
	GLE 1 SG 6/1	81 medium sand	irregular top + base → load/scour marks contains clay clasts, intensely reworked	
	GLE 1 SG 6/6	84.5 coarse sand	contains clay bands, intensely reworked relic layered texture	
	GLE 1 SG 6/2	97 medium sand	massive, intense reworking secondary infill pebble/granule-sited (2.5Y 6/6)	
		115		

Drawing/Annotation	Lithology	Logged By:	Date:
		DG	23/2/22
		Comments	
GLE41 5G6/1	medium fine sand	alternating with fine sand clay/silt pebbles throughout	
GLE41 5G4/6	fine medium sand	alternating with fine sand + silt	
GLE41 5G4/6	irregular base (flame str.)	irregular base (flame str.)	
GLE41 5G4/6	coarse sand	poorly sorted, subangular grains irregular base (load/scour)	
GLE41 5G4/6	fine sand	massive intensely reworked clay/silt pebbles in various orientations throughout thin (1cm) layers of medium-coarse sand Secondary infilling at 70-72 cm	

CM Scale

0
-2
-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

20-

36

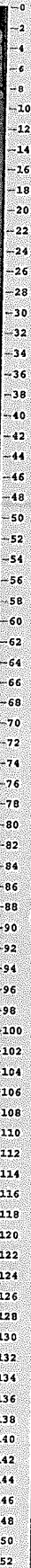
44-
46

114+

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG	23/2/22
Comments				
-0 to -12	GLEY 1 10 64/6	coarse sand	massive contains silt/clay granules + pebbles intense reworking irregular base (scour struct.)	
-12 to -45	"	medium sand	contains silt/clay granules + pebbles (some elongate) intense reworking normal grading at base	
-45 to -47	GLEY 1 5 6 5/2	fine sand	irregular base	
-47 to -66	"	medium sand	irregular base (escape structures)	
-66 to -69	2.5Y 2/7	med. sand	layered, alternations of medium + fine sand striations of glauconite?	
-69 to -72	GLEY 2 5 6 6/6	fine sand	secondary infill (pebble size @ 65 cm) normal grading into fine sand irregular base	
-72 to -76.5	"	med. sand	reverse grading into coarse sand at base	
-76.5 to -81	"	med sand	normal grading from coarse-med	
-81 to -84	"	med sand	alternating with fine sand, intensely reworked	
-84 to -91	"	med sand	alternating with silt, granules of glauconite?	
-91 to -93	2.5Y 2/3	silt	intensely reworked	
-93 to -97.5	"	clay	laminated	
-97.5 to -117	GLEY 1 5 6 4 6	fine sand	parallel laminated alternating layers of fine sand - silt dark (GLEY 1 N 3), light (GLEY 1 10 Y 7) + green (GLEY 1 5 6 6/1) layers. v organic rich?	
-117 to -133	GLEY 1 5 6 5/1	med. sand	soft sediment or hydrothermal alteration parallel laminated layers of fine sand, med. sand and silt	
-133 to -152			contains a deep load cast of silt (GLEY 1 10 Y 7)	

moderate-well sorted
subangular-subrounded grains

CM Scale



Drawing/Annotation	Lithology	Logged By: DJ		Date: 2/23
		Comments		
① 5G47/1	6 med sst			layered, sst, coarse base.
② 5G46/1	14 med sst			massive.
③	med sst			irregular boundary, sst.
④ 5G5/2	20 fine sst			syn-sed deformation, irregular boundary
⑤ 5G45 7/N	22 siltstone			inclined contact, layered.
⑥ 5G47/1	25 fine sst			inclined contact, massive.
⑦ 5G5/2	34 med sst			massive large load casts irregular boundary
⑧	66 fine sst			massive, irregular top contact
⑨	68 med sst			slight bioturbation, syn sedimentary deformation color banded
⑩	86 coarse sst			massive, irregular boundary.
				syn sedimentary deformation in all layers.

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DG/HC	23/2/22
			Comments	
0			Massive, intensely reworked	
-2			Poorly sorted, pebble clasts	
-4			in a sand matrix. VCS bed	
-6			at the base. Normal grading.	
-8				
-10				
-12				
-14				
-16				
-18	6.5	irreg.		
-20				
-22				
-24				
-26	26	irreg.	poorly sorted, angular clasts, granules. Fining upward	
-28				
-30				
-32				
-34				
-36				
-38				
-40				
-42				
-44				
-46				
-48				
-50				
-52				
-54				
-56				
-58				
-60				
-62				
-64				
-66				
-68	64	grad	Fine grained (fine to medium sand), massive	
-70				
-72	68	grad.		
-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				

glyc
G/10 G

glyc 5G512

G/10

6/10

6/1

11

2

6.5

26

64

68

76

79

83

81

93

104

106

108

120

138

142

146

150

152

irreg.

irreg.

grad

grad.

irreg.

irreg.

grad

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

irreg.

Massive, intensely reworked
poorly sorted, pebble clasts
in a sand matrix. VCS bed
at the base. Normal grading.

poorly sorted, angular clasts,
granules. Fining upward

Massive, intensely reworked,
Moderate bioturbation
shell fragments
medium-coarse sand

Fine grained (fine to medium
sand), massive

Layering, intense bioturbation, fine
sand, occasional bands of coarse
sand.

finely laminated, fine grained (silt)

Coarse @ base (VCS) grading (normal)
up to fine sand. Fine layers

→ same as above

Very coarse (VCS-granules)
intense bioturbation, angular
clasts

Normal graded, from VCS-
fine sand. clast of VCS at the
top.

Very coarse sand, angular
at the base

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			DJ	23/2
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 -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	<p>①</p> <p>565/1.</p>	<p>coarse sand.</p>	<p>Massive, clasts abundant low bioturbation. pink/white patches of coarse sand.</p>	
	<p>75</p> <p>② 2.57 7/2</p> <p>③ 77</p> <p>④ 2.54 7/2</p> <p>⑤ 91</p> <p>⑥</p>	<p>med sand</p> <p>med sand</p> <p>med sand</p>	<p>② laminated, med. sand dark green, s.s. d. 563/2.</p> <p>③ massive, irregular boundary irregular bottom, laminated</p> <p>④ med sand</p> <p>⑤ laminated w/ gray layers & green ssd. irregular boundary some clasts</p> <p>⑥ coarse - fine alternation.</p>	<p>1086 6/1.</p> <p>Green nodule at 118 cm</p>

CM Scale



Drawing/Annotation	Lithology	Comments
① 10G6/1	coarse sst.	
② 5G7/1	6 med. sst.	→ green grading, load str.
③ 5G7/1	10 med sst.	→ boundary irregular
④ 5G5/1	med sst.	(1-6)
⑤ 5G7/1	19 med sst.	→ 1-7, syn sed deformation
⑥ 5G5/1	21 med sst.	massive, irregular boundary
⑦ 10G7/1	29 fine sst.	irregular boundary, massive
	34	
	med sst.	massive, bioturbated.
⑧		clasts (small) common.
5G5/2		
⑨ 5G5/2	94 fine sand	massive, inclined, gradational boundary.
⑩ 10G7/1	100 med sand	massive, s.s. def.
⑪ 5G7/1	102 med sst.	layering, med syn sedimentary deformation green-(yellowish) gray alternation.
	118	
		s.s. def = syn sedimentary deformation.

CM Scale

0
-2
-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



Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
5G 7/1	3 med sst	DJ	2/23
5G 3/2	12 finesst		
2.54 7.2	med sst.		
	25		

color banding,

layering, irregular contact

color banding

6/10 Gy
(light)

5G 5/2
(dark)

Gley 1 5G 3/2
(very dark)

392-U1579D-59R-1-A |

Logged By:
H&PC

Date:
23/02/22

CM Scale

0
2
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

Drawing/Annotation	Lithology	Comments
Intensely reworked	7 grad	Sand
	11 fine	normal graded sand
		normal graded sand
	20 grad	coarse, (sand), massive
	28 shaly	normal graded, laminated, sand
	33 sh.	
Intensely reworked		
sand		
possible shell fragments		
High blotub		
contains clasts		
	108	
massive sand	fine	
contains clasts		

} 6/10 Gy
lime

} 5G 5/2
dark

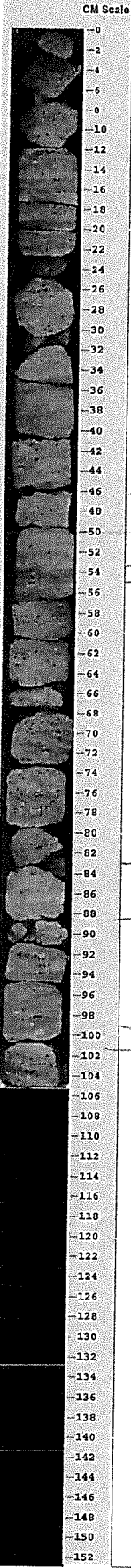
CM Scale	Drawing/Annotation	Lithology	Logged By: HC&PC		Date: 23/02/22
			Comments		
0		2 inq	Sand, massive		
2			light green		
4		12 inq	Very dark, intense bio		
6		12 1 inq	Sand		
8	Very dark, intense bio				
10		22 inq	normal grading, sand, dark green		
12			Very dark green, layered, intense bio, silt, contorted strata		
14		36 grad			
16		grad			
18			Sand, layered, light green		
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		71 grad			
74			dark green, massive, intensely reworked, sand, clasts, high bioturbation		
76					
78					
80					
82					
84					
86					
88					
90					
92					
94					
96					
98					
100		100 grad			
102			13 m end		
104			very dark green		
106			normal grading		
108	coarse sand bed @ 109, white				
110					
112					
114					
116					
118		119 inq			
120			massive, dark green, high bioturbation		
122					
124					
126					
128					
130					
132					
134					
136					
138					
140					
142					
144					
146					
148					
150					
152					

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			Comments	
0			HL & PC	23/02/22
2				
4		3 irreg.		light green, massive, sand
6				laminated, sand, intense bio
8				dark green
10				
12		12 grad.		light green
14				normal grading, sand,
16				clasts, intense reworking
18				
20				
22				
24				
26				
28				
30				
32		31 irreg.		
34				
36				
38				
40				
42				
44				
46				sand, clasts
48				intense reworking,
50				dark green,
52				possible shell
54				fragments (replaced)
56				
58				
60				
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84				
86				
88				
90				
92				
94				
96				
98				
100				
102		100 irreg.		
104				
106				
108				
110				
112				
114				
116				
118				
120				
122				
124				
126				
128				
130		irreg. 131		light green, massive,
132				normal grading
134		START 134		
136				
138				
140				
142		141		normal grading, very dark
144				green, layered, moderate bio
146		irreg.		
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			PC & HC	23/02/22
Comments				
0 - 50		2 1reg	light green massive massive. sand, intense disturbance, dark green	
50 - 74		1reg 75	very dark green, layered normal grad ^o	
74 - 90		1reg 90	dark green, massive, sand +	
90 - 106		1reg 99 106	very coarse sand, dark green massive very dark green, massive, silt	
106 - 112	Drill	112	light green sand, layered, sand	
112 - 136		1reg 124 136	dark green, intense bio MA	
136 - 152		136	dark green, layered, sand High biofab	

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & PC	23/02/22
			Comments	
0			Dark green, elongated clast of lighter material, load cast	
2			Intensely reworked, Intense	
4			highest	
6				
8				
10				
12				
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36				
38				
40				
42				
44				
46				
48	Imp	47	light green, massive,	
50	Sharp	50.5		
52				
54				
56				
58	Sharp	58	Normal graded, Intense, light	
60			Massive, sharp High ke, contacts	
62			dark green dom	
64				
66	Drilling	67	Normal graded, light	
68			Massive, high ke, light,	
70	Sharp	71	dark	
72				
74				
76				
78				
80				
82				
84	keels	85	Dark green + light alternate	
86			layered, cast.	
88				
90				
92				
94				
96				
98				
100				
102				
104				
106				
108				
110				
112				
114				
116				
118				
120	Sharp	120	Massive light, Sand (cast)	
122	drilling	123	Dark, Intense ke.	
124				
126				
128				
130				
132	Imp	136	light, sharp	
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

Drawing/Annotation	Lithology	Logged By:	Date:
		HC&PC	23/02/22
Comments			
clasts		Dark green, sand, interve bioturbation, occasional bands ($< 2\text{cm}$) of light green very coarse sand	
		*	
	irreg	light green, fining \uparrow , massive, sand	
	irreg	very dark green, massive, silt	
clasts		*	
	irreg	light green, massive, fining \uparrow	
clasts		*	
	irreg.	very dark green, massive, silt	
clasts		dark green	
		*	



47

S3
S6

83
89

99
101

Logged By:

PC&RC

Date:

2/10/22

CM Scale

0
2
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

Drawing/Annotation

Lithology

Comments

~~Light clay~~ 11

light clay, massive
~~Dark grey, shaly, highly bedded (partly)~~

grad 30
~~Iron~~ 33

← layering, ~~very~~ dark + light band layering / alternating laminae, clay

v.d. Iron 50

Light Iron 54

v.d. Iron 57.5

Light Iron 63.5

v.d. Iron 68

Light Iron 71.5

Dark Iron 73

Light Iron 83

v. dark, High bedded 90

Light clay, High bedded

→ light clay at 60cm

CM Scale



0
-2
-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

Drawing/Annotation	Lithology	Logged By:	Date:
		Comments	
		HC & PC	23/02/22
		dark green silt	
	Sharp	light green, interve bedded sand	
		SCL	

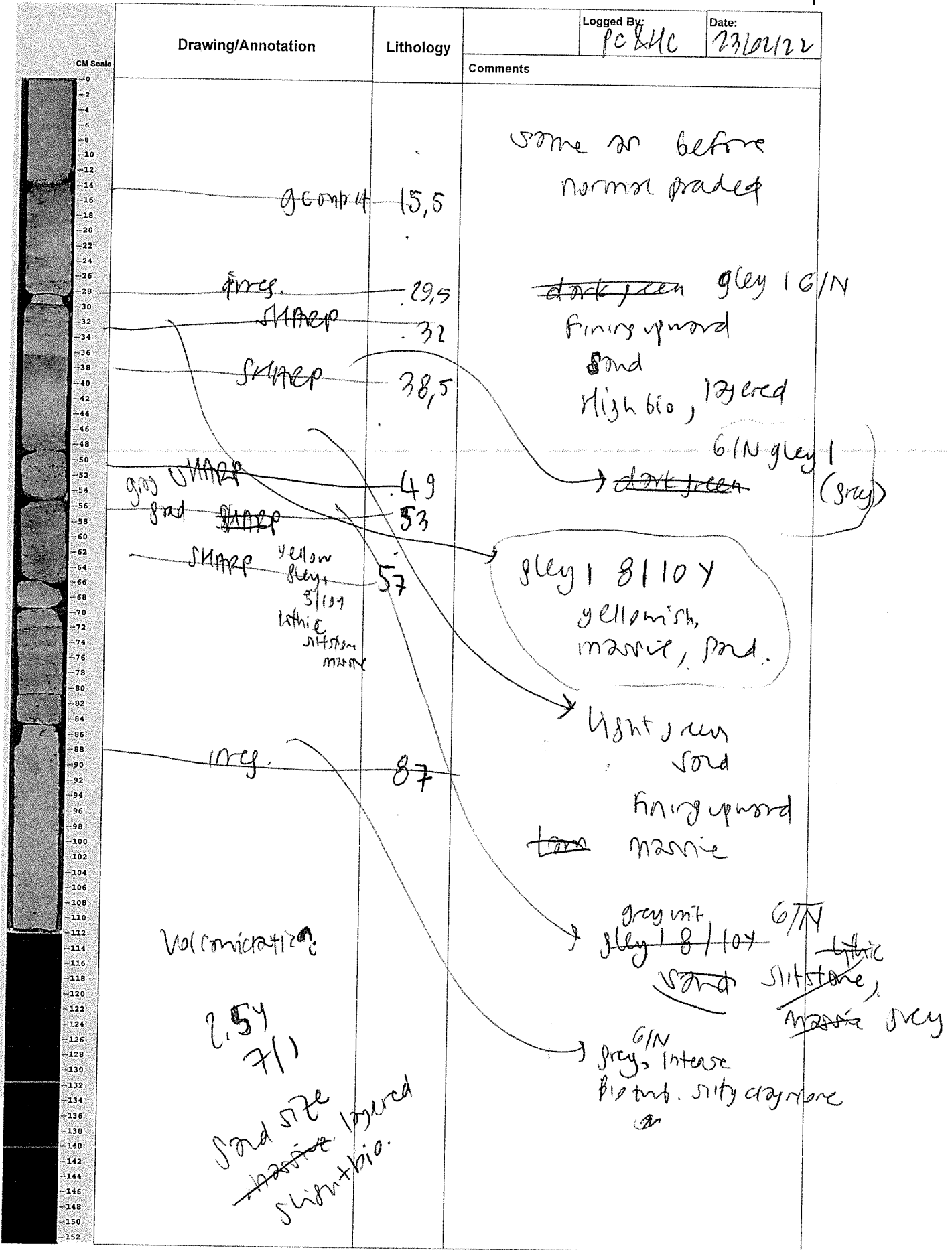
CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			PC & HC	23/02/22
Comments				
0				
2				
4	Very silty	4	2 gravel, light brown, clay, normal gradis 2.5YR 7/1	
6	SHARP	7	very dark green, silt, massive	
8	SHARP	9.5	2.5YR 7/1 sand, clasts, massive	
10		12	dark green	
12			2.5YR 7/1 sand, massive	
14				
16				
18				
20				
22				
24				
26				
28				
30				
32				
34				
36			light dark green Gley 10/10GY	
38				
40				
42				
44			clasts	
46			uplined shell @ 54cm	
48			intense bioturb	
50			pyrite necessary	
52			sand size	
54				
56				
58				
60				
62				
64				
66				
68				
70				
72				
74				
76				
78				
80				
82				
84	grad.	85		
86				
88				
90				
92				
94				
96	107-110 cm:		dark green *	
98	secondary		intense bioturb	
100	replacement		point layering	
102				
104				
106				
108				
110				
112				
114				
116	bioturb	118	massive, clasts very dark	
118				
120				
122	irreg.	123	light grey	
124				
126				
128				
130				
132				
134			dark green *	
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HCR PC	27/02/22
			Comments	
0				
2				
4				
6				
8	SHARP - 9			* fine grained light green,
10				* sand, high bio.
12	SHARP - 12			*
14				*
16				
18	SHARP - 17			*
20				
22	SHARP - 22.5			
24				
26	Sand - 26			dark green, massive, silt
28				clasts, vein filling secondary
30	Sand - 30			sand (very) gravel 2.5R 7/1
32				massive
34				
36				
38				
40				
42				
44				
46				
48				
50				
52				
54				light green
56				sand
58				normal graded
60				vein filling (secondary)
62				
64				
66				
68				
70				
72				
74				
76				
78				course sand @ base
80	SHM - 79.5			high bio.
82				
84				
86				
88				
90				
92				
94				
96				dark green
98				vein filling
100				intense bio
102				
104				
106				
108				
110				
112				clasts
114				sand
116				
118				
120				
122				
124				
126				
128				
130				
132				
134				
136				
138				
140				
142				
144				
146				
148				
150				
152				

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			PC&HC	23/02/22
			Comments	
0				
-2				*
-4				
-6	very dark green	5,5		
-8		8,5		
-10				*
-12				
-14				
-16	flat	17,5		
-18	very dark green	21,5		massive, silt
-20				
-22				
-24				
-26				
-28				
-30				γ
-32	very dark green	32,5		
-34		34,5		
-36				
-38				
-40				
-42				
-44				
-46				
-48				
-50				
-52				
-54				everything here:
-56				dark green, intense
-58				bin, vein R/L/H,
-60				* sand size
-62				
-64				
-66				
-68				
-70				
-72				
-74				
-76				
-78				
-80				
-82		83		
-84	very dark green	86		
-86				*
-88				
-90				
-92				
-94	Drilled	94		
-96				massive, coarse sand,
-98				clast
-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				

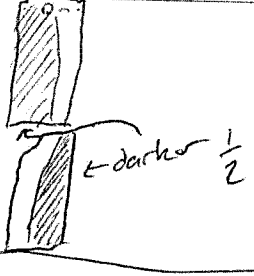
CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC & PC	23/02/22
Comments				
0 - 10	grad bio	5 7		dark green green Coarse whitish, marine splay 8/5 Gy
10 - 36				dark light green
36 - 40	grad	38		
40 - 44	SHARP	40		Coarse whitish, marine
44 - 69				clasts light green interbedded sand
69 - 73	grad	69		
73 - 132	93 cm: SSD fine layer 100.5 cm			dark green sand interbedded clasts
132 - 135	grad	135		fine sand light green, marine sand

CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			HC&PC	23/02/20
Comments				
0	<p>Stamp</p> <p>fine laminae, inclined at 16-20 cm</p>	3	Massive, light green, sand	
2			dark green, sand, intense bio	
4		28	light green	
6			sand	
8			light bio	
10			caliche	
12			INFILL /	
14			replacement	
16			warty beds,	
18			~1 cm, massive	
20			(intermittent)	
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				



CM Scale	Drawing/Annotation	Lithology	Logged By:	Date:
			PD, PC&HC	23/02/22
			Comments	
0-152	<p>17-22 secondary inclusions</p> <p>78-86 cm: red inclusions (bones)</p> <p>red flames</p> <p>SHARP</p>			
		91		Baked contact?
		Basalt		Contact to volcanic
		09		Highly altered basalt 15% phenos 5% vesicles - large vesicles filled with calcite? All replaced/filled
				pyroxene phyric basalt silt or massive unit sparsely phyric

CM Scale
 0
-2
-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

Drawing/Annotation	Lithology	PD Logged By: <u>HC&PC</u> Date: <u>23/02/12</u>
	Basalt	Comments highly altered basalt 5% phenos, 5% vesicles 1/2 side darker, less altered phenos are px 23