

Sediment Core Processing Log



Job: LDW AOCs ME Phase 1

Location ID: SC1002

Job No. 210075-01-02

Collection Date/Time: 12/16/22 1120

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 8.00 (ft)

Attempt #: 1

Processing Recovery Depth: 7.68 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.0%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30			100	0-234.1cm - SILT(MI), black, soft, wet, non plastic	30	-26.9 ft mllw SC1002A (short)	
60				@49, 137cm - roots	60	45.4cm SC1002B	
90				@75cm - trace shell hash	90	-30 ft mllw 90.8cm	
120				@120cm - wood frags.	120	SC1002C	
150				@125cm - 1/2" brown sandy silt pocket	150	-30 ft mllw 148.4cm	
180				@141-147cm - green gray very soft silt lens	180	SC1002D	
210				@213cm - 1/2" subrounded gravel	210	-34 ft mllw 206.0cm	
240				End of Core @ 234.1cm	240		
270					270		
300					300		

Sediment Core Processing Log



Job: LOW AOC S MR Phase 1

Location ID: SC1003

Job No. 210075.01.02

Collection Date/Time: 11/19/23 12:55:12Z

No. of Sections: 1

Core Logged By: JH + TA

(SP)

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.74 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.5%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		S 95		0-114.0, SILT (ML), soft, wet, no odor, no sheen, gray	20 40 60 80 100 120	SC1003 56.1 cm	

Sediment Core Processing Log



Job: LDWAOC5 MR Phase 1

Location ID: SC1004

Job No. 210075.01.02

Collection Date/Time: 11/19/23 1155

No. of Sections: 1

Core Logged By: CC/LVB

Penetration Depth: 3.50 (ft)

Attempt #: 3

Processing Recovery Depth: 3.29 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 94.0 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		30	70	0-56 SILT (ML) with fine-med sand, dark blackish grey, wet, non plastic, soft. @ unknown depth between 0-56: 3 biota (worm)	0		
20				@ 42, 47 two shell fragments 1/4" and 1/2"	20		
40				@ 43 2" pocket of fine-medium grey sand with silt.	40		
60		80	20	@ 52 1" wood piece	60		
80				56-100.3 SAND (SP-ML) poorly graded fine sand 80% with 20% silt. firm, grey-brown color.	80	564 cm	
100				@ 60 wood fragments	100		
110				@ 64 1.5" wood piece			
				@ 70-73 lens of wood fragments up to 2" long.			
				End of core @ 100.3			

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 7.00 (ft)
 Processing Recovery Depth: 5.60 6.31 (ft)
 Adjusted Recovery Percentage: 90.1%
 Notes: PROCESSOR: 192.3 cm

Location ID: SC1006
 Collection Date/Time: 11/16/23 1229
 Core Logged By: S. Smith
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	(0 - 192.3 cm) SILT (ML)	0	MLLW - 29.3ft	
20				SOFT, WET, DARK GREY, FINE GRAINED SAND, ORGANIC FATTY	20		
40				@ 8 cm: SMALL BIVALVE SHELLS	40	SC1006A	
60				@ 80 cm: 1/2" GREY BROWN SILT LENS	60		
80				@ 146: GRADUAL TO MEDIUM STIFF, INCREASE IN FINE GRAINED SAND CONTENT	80	74.2cm MLLW - 32ft	
100					100	SC1006B	
120					120		
140					140	129.2cm MLLW - 34ft	
160					160		
180				@ 192.3: END OF CORE	180		
200					200		

Sediment Core Processing Log

Job: LOW AOC5 mp Phase 1

Job No. 210073.01-02

No. of Sections: 1

Penetration Depth: 8.00 (ft)

Processing Recovery Depth: 7.18 (ft)

Adjusted Recovery Percentage: 89.8%

Notes:

Location ID: SC1007

Collection Date/Time: 12/16/22 1043

Core Logged By: J. Ught

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0			100	Q-218.8cm-SILT(MI), black, soft, wet, non plastic	0	27.8 ft MLLW	
30				@14cm - 3/4" subrounded gravel	30	SC1007A (shoot)	
60				@51-57cm - dark gray sandy silt lens	60	60.3cm - 30ft MLLW	
90				@71, 149cm - pockets of green gray silt	90	SC1007B	
120					120	114.2cm - 32ft MLLW	
150					150	SC1007C	
180				@186cm - root	180	168.1cm - 31ft MLLW	
210					210		
240				End of Core @ 218.8cm	240		
270					270		
300					300		

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: SC1008

Job No. 210075.0102

Collection Date/Time: 2/8/23 1330

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 5.10 (ft)

Attempt #: 1

Processing Recovery Depth: 4.65 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.2%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120 140 160		5	95	0-141.7 cm SILT (ML), dark grey, soft, wet, non-plastic. 95% fine 5% fine sand 20-59 dark grey with olive mottling @ 80, 92, 117, 121, 129 rootlets core ends at 141.7 cm	20 40 60 80 100 120 140 160	SC1008 54.7 cm	

Sediment Core Processing Log



Job: <u>LDWAOC5 MR Phase 1</u>	Location ID: <u>SC1009</u>
Job No. <u>210075.0102</u>	Collection Date/Time: <u>02-08-23</u>
No. of Sections: <u>1</u>	Core Logged By: <u>CC/LVB</u>
Penetration Depth: <u>5.10</u> (ft)	Attempt #: <u>1</u>
Processing Recovery Depth: <u>3.90</u> (ft)	Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
Adjusted Recovery Percentage: <u>76.5+</u>	Diameter of Core (inches) <u>4"</u>
Notes:	Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0 20 40 60 80 100 120	0	30	70	0-118.9 SILT (SRSM) with well-graded sand, wet, dark blackish grey, soft, nonplastic. @ 1 biota - worms @ 1 7cm chunk of angular aggregate rock @ 1 4cm angular rock @ 19 several 1/4 in shell fragments @ 16 two 1 in subrounded rocks @ 20 4cm subrounded rock @ 26, 36 1/2 in angular rock @ 48 7cm chunk of subrounded aggregate rock @ 57 4cm pocket of grey sandy silt 90% silt to 10% sand. @ 72 4cm subangular rock @ 79-89 abundant chunks 1cm-3cm of compact, tan silt among a dark blackish grey sandy silt @ 94 slight Hc-like odor below @ 112 grading changes to 95% silt 5% sand here and below end of core 118.9	45.9cm	SC1009	

Sediment Core Processing Log



Job: ADW AOC5 MR Phase 1

Location ID: SC1011

Job No. 210075.0102

Collection Date/Time: 11/16/23 1446

No. of Sections: 1

Core Logged By: S. STEHL

Penetration Depth: 6.00 (ft)

Attempt #: 1

Processing Recovery Depth: 5.50 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.7%

Diameter of Core (inches) 4"

Notes: Processed: 167.4 cm

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	(0 - 167.4 cm): SILT (ALL): SOFT, WET, DARK GRAY, FINE-GRAINED SAND, ORGANICS (FIBERS), NON PLASTIC	20	MLLW -29.3ft	
40				@ 33: REDDISH THEN FLAKE (PAINT CHIP-LIKE)	40	SC1011A	
60				@ 56-79: OLIVE BROWN COLOR	60		
80				@ 132: GRADUES TO MEDIUM STIFF	80	75.5cm MLLW -32ft	
100					100	SC1011B	
120					120		
140					140	131.4cm MLLW -34ft	
160					160		
180				@ 167.4 END OF CORE	180		

Sediment Core Processing Log



Job: LDW AOCs me Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 9.00 (ft)
 Processing Recovery Depth: 8.80 (ft)
 Adjusted Recovery Percentage: 97.8%
 Notes: processes: 268.2 cm

Location ID: SC1012
 Collection Date/Time: 1/16/23 1313
 Core Logged By: S. S. Smith
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		8	82	(0-268.2) <u>SELT (ML)</u> 268.2 Soft, wet, blackish grey to dark grey, fine grained sand, trace organic fibers, grains finer	30	MLLW -28.3ft SC1012A	
60					60	50.7cm MLLW -30ft	
90				@150cm: GRADES TO MEDIUM STIFF, LESS SAND CONTENT	90	SC1012B	
120				@190cm: GRADES TO SOFT, TRACE FINE SAND	120	110.4cm MLLW -30ft	
150		5	75		150	SC1012C	
180					180	170.1cm MLLW -34ft	
210					210		
240				247.0-268.2: <u>CLAYEY SELT (ML) LENS</u> VERY SOFT, WET, OLIVE BROWN/GREY, NO SAND, STICKY, SLIGHTLY PLASTIC	240		
270				END OF CORE @ 268.2	270		

SELT LENS / CLAY

* BLACKISH GREY SELT IN SHOG
 * CLAYEY SELT APPEARS TO BE CLAY-LIKE

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 5.10 (ft)

Processing Recovery Depth: 4.40 (ft)

Adjusted Recovery Percentage: 86.3 %

Notes:

Location ID: SC1013

Collection Date/Time: 218123 1525

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0 20 40 60 80 100 120 140		5	95	0 - 134.1 cm, SILT (ML), Grey, soft, wet, non-plastic 95% fine, 5% fine sand @? 6cm long reed @ 93 rootlet Core ends at 134.1 cm	0 20 40 60 80 100 120 140	SC1013 51.8cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.0102

No. of Sections: 1

Penetration Depth: 5.10

Processing Recovery Depth: 4.20

Adjusted Recovery Percentage: 82.41

Notes:

Location ID: SC1014

Collection Date/Time: 218123 1424

Core Logged By: cc/cv8

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	10	50	40	0-40cm SAND (SW-ML) well-graded with fine gravel and silt. Wet, dark blackish grey, nonplastic. @5 4cm subrounded rock @6 2cm silt pocket @34 1cm tan silt pocket	0	SC1014 49.4 cm	
40	50	40	10	40-62 GRAVEL (GW-GM) with well-graded sand and silt	40		
60		10	90	62-101 SILT (SP-SM) with fine-medium sand. dark blackish grey, wet, soft, nonplastic, slight HC-like odor. @94 3cm subrounded rock	60		
80				102-128.0 GRAVEL (GW-GM) up to 3cm subrounded, with well-graded sand. @102-112 tan silt color, with dark grey below.	80		
100				128.0 end of core	100		
120					120		
140					140		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1016

Job No. 210075.01.02

Collection Date/Time: 11/16/23 1111

No. of Sections: 1

Core Logged By: S. STREHL

Penetration Depth: 7.00 (ft)

Attempt #: 1

Processing Recovery Depth: 6.43 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.9%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	(0-196.0 cm) <u>SILT (ML)</u> : SOFT, WET to 62 cm, THEN MEDIUM STIFF, MOIST, DARK GREY, FINE- GRAINED SAND, ORGANIC FIBERS, ALTERNATING DARK GREY, OLIVE GREY LENSES @ 44 cm : 2" WOOD FRAGMENT @ 56 cm : FABRIC SHED	20	MLLW -29.8ft	
40					40	SC1016A	
60					60	61.7cm MLLW -32.4ft	
80					80	SC1016B	
100					100		
120					120	117.8cm MLLW -34.4ft	
140					140		
160					160		
180					180		
200				CORE END @ 196.0'	200		

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: SC1017

Job No. 210075.01.02

Collection Date/Time: 1/13/23 1247

No. of Sections: 1

Core Logged By: J. Ught

Penetration Depth: 7.00 (ft)

Attempt #: 1

Processing Recovery Depth: 6.30 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.0%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-192cm - SILT (ML), black, soft, wet, low plasticity @2cm - 1" subangular gravel	0	-28.5ft MLLW	
20					20	SC1017A	
40					40	41.1cm -30ft MLLW	
60				@62cm - root	60		
80					80	SC1017B	
100				@95cm - non plastic below	100	96.0cm -32ft MLLW	
120					120	SC1017C	
140				@152cm - dark gray, sand absent below	140		
160				@168cm - roots	160	150.9cm -34ft MLLW	
180				@195-192cm - light olive gray silt lens, very soft	180		
200					200		

End of Core @ 192cm

Sediment Core Processing Log

Job: 1 DW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00

(ft)

Processing Recovery Depth: 3.59

(ft)

Adjusted Recovery Percentage: 89.8 %

Notes:

Location ID: SC1018

Collection Date/Time: 11/2/23 1021

Core Logged By: RC/Hs

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
70 40 60 80 100 120		5	95	0-109.4 SILT (ML): black, wet, soft, non-plastic with slight dark grey mottling throughout. @70 grading changes to silt with medium-grain sand @92-109.4 moderate dark grey mottling End @109.4	70 40 60 80 100 120	SC 1018 53.9cm	

Sediment Core Processing Log



Job: LDW ADCSMR Phase 1

Location ID: SC1019

Job No. 210075.01.02

Collection Date/Time: 11/13/23 1405

No. of Sections: 7

Core Logged By: AZ

Penetration Depth: 2.50 (ft)

Attempt #: 2

Processing Recovery Depth: 1.50 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 60.0%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5		90	10	0-45.7 Medium poorly grade sand w/ silt, dark grey, loose, wet, multicolored grains and mica flecks	5		
10				Trace shell frag 1-20cm	10		
15				13-26cm frequent silt clasts, dark grey w/ brown mottling	15		
20					20		
25		100	0	Below 26cm, sand no silt	25		
30					30		
35					35		
40					40		
45					45		
				END of CORE 45.7cm			

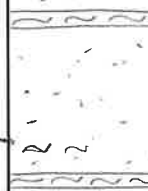
SC1019

36.0cm

Sediment Core Processing Log

Job: LOW AOCs MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.40 (ft)
 Adjusted Recovery Percentage: 85.01
 Notes:

Location ID: SC 1020  ANCHOR
 Collection Date/Time: 1/12/23 1523 QEA 
 Core Logged By: CC/LVB
 Attempt #: 2
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		60	40	0-73 SAND (ML) with silt: fine brown, wet, loose, with wood fragments throughout @21-22 wood fiber lense @30-32 wood fiber lense	20	SC 1020	
40					40		
60				@53 botlets @59-60 wood fiber lense @66-67 wood fiber lense @60-65 brown fine sand lense 95-51	60	51.0cm	
80	95	5	5	73-103.6 SAND (ML) with silt: fine, brown, wet, loose, @87-88 brown silt lense @96-102 brown silt lense End of core @103.6	80		
100					100		
120					120		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 8.00 (ft)
 Processing Recovery Depth: 7.33 (ft)
 Adjusted Recovery Percentage: 91.6%
 Notes:

Location ID: SC1022
 Collection Date/Time: 11/3/23 1120
 Core Logged By: J. Light
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 2"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-223.4cm - SILT(ML), black, soft, wet, low plasticity	0	MLLW - 29.4ft	
20				@19cm - roots	20		
40				@38-45cm - wood frags.	40	SC1022A	
60					60		
80				@71-88cm - dark olive gray, occasional roots	80	72.6cm	
100					100	77.3cm	
120				@103cm - wood frags, branch	120	-32ft MLLW	
140					140	SC1022B	
160				@140-142cm - olive gray silt with sand lens	160	128.5cm	
180				@161-176cm - light olive gray silt lens, very soft	180	-34ft MLLW	
200				@195cm - non plastic below	200		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1022

Job No. 210075-0102

Collection Date/Time: 11/13/23 1120

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 8.00 (ft)

Attempt #: 1

Processing Recovery Depth: 7.33 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.6%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200				@204cm - roots	200		
210				@211cm - dark olive gray below	210		
220					220		
230				End of Core @223.4cm	230		
240					240		
250					250		
260					260		
270					270		
280					280		
290					290		
300					300		
310					310		
320					320		
330					330		
340					340		
350					350		
360					360		
370					370		
380					380		
390					390		
400					400		
410					410		
420					420		
430					430		
440					440		
450					450		
460					460		
470					470		
480					480		
490					490		
500					500		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1023

ANCHOR

Job No. 210075.01.02

Collection Date/Time: 11/13/23 1035

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 9.00 (ft)

Attempt #: 1

Processing Recovery Depth: 9.27 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 103.0%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-282.5cm - SILT (ML), black, soft, wet, non plastic	20	-28.8 ft MLLW SC1038A	
40				@ 61cm - 1" subangular gravel	40	36.6cm MLLW -30ft	
60				@ 69cm - branch	60	SC1038B	
80					80		
100					100	97.6cm MLLW -32ft	
120					120	SC1038C	
140					140		
160					160	158.6 MLLW -34ft	
180					180		
200				@ 195-227cm - light olive gray silt layer, very soft	200		

Sediment Core Processing Log

Job: LDW AOC5MR Phase1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 9.27 (ft)

Adjusted Recovery Percentage: 103.0%

Notes:

Location ID: SC1023

Collection Date/Time: SC1038

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR

QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220		
240					240		
260				@260-282.5cm - dark gray, med. stiff, low plasticity	260		
280					280		
300				End of Core @282.5cm	300		

Sediment Core Processing Log

Job: LOW AOLS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.40 (ft)

Adjusted Recovery Percentage: 80.0%

Notes:

Location ID: SC1024

Collection Date/Time: 11/12/23 1335

Core Logged By: CC / LVB

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00 in

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

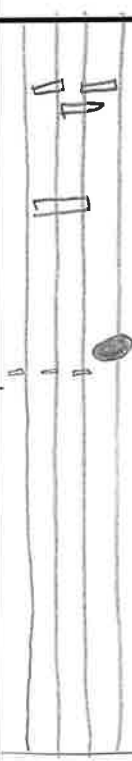


Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-57 cm SILT (ML) with sand: black wet, soft, non-plastic fine @ 2, 30, 32, 51, 53 rootlets @ 19 1 in subrounded rock @ 20 biota (worm)	10	SC 1024 48.0 cm	
20					20		
30				@ 25 1 in stick @ 28 1 in subrounded rock	30		
40					40		
50					50		
60					60		
70		95	5	57-73.2 SAND (SPSM) with silt: wet, loose, multicolor medium-fine sand with occasional flecks of mica @ 61 1" olive brown silt clast @ 64 1/2" olive brown silt clast End of core 73.2	70		
80					80		

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1
 Job No. 210075-01.02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.81 (ft)
 Adjusted Recovery Percentage: 95.3%
 Notes:

Location ID: SC1025  ANCHOR
 Collection Date/Time: 11/2/23 1128 QEA 
 Core Logged By: CC/HS
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00 in
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-116.2 SILT (ML) wet, black, soft, non-plastic silt with fine sand, and dark grey mottling throughout @0-58 Interbedded dark grey silt medium-stiff wet non-plastic, AND dark grey loose wet medium coarse sand. @14 3 sticks 1-2 in @37 2 in stick @54. 1.5 in subrounded rock. @19-57 light grey mottling @57 wood fragments < 1/2 in end of core @116.2 cm	20 40 60 80 100 120	57.2 cm	

Sediment Core Processing Log

Job: LOW AUCS MR Phase 1

Location ID: SC1026

ANCHOR
QEA 

Job No. 210075.01.02

Collection Date/Time: 11/13/23 1516

No. of Sections: 1

Core Logged By: KE

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.45 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 86.3%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				0-105.2 cm Interbedded dark grey (ML) silt w/sand, soft, wet, non-plastic with dark grey sand w/silt (SP-SM), loose, wet, med-fine grains beds ~1-3" thick 30% sand-70% silts	0		
20		30	70	@ 16-20 cm Wood Frags up to 1"	20		
40				@ 40 cm 1 1/2" sub angular gravel	40	SC1026	
60				@ 50 cm 1/4" angular gravel	60	51.8 cm	
80				@ 52 cm 1" wood frag.	80		
100				@ 67 cm med-stiff silts below 67 cm	100		
				@ 81 cm 1" wood frag.			
				END OF CORE 105.2 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: IT1027

ANCHOR
QEA

Job No. 210075.01 D2

Collection Date/Time: 11/13/23 #434 1433

No. of Sections: 1

Core Logged By: AZ

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.98 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 74.5%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		95	5	0-90.8 cm poorly graded sand(SP) dark grey, loose, wet, multicolored grains and mica flecks, fine med grain	10		
20				@ 0-2 cm brown silt w/ sand	20		
30				@ above 25 cm; dark brown	30		
40				@ 9 cm 1 1/2" brick frag, trace 1/8" brick frags to 30 cm	40		
50				@ 10 cm 1 1/2" gravel sub rounded	50		
60				@ 15 cm 3" concrete chunk	60		
70				@ 36-47 cm fine grain sand	70		
80					80		
90					90		
				END OF CORE 90.8 cm			

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: SC1028

Job No. 210075.01.02

Collection Date/Time: 1/16/23 1517

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.19 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 79.8 %

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10				0-60 SILT (ML) soft, wet, dark gray non-plastic	10		
20				@ 0-24 Sandy silt	20		
30					30		
40					40		
50				@ 47-60 sandy silt	50		
60					60		
70				60-97.9 well graded SAND (SP-GM) loose wet dark gray, Gravel in abundance at depth	70		
80				@ 60-63 silty sand olive brown color	80		
90				@ 71, 75' pocket of silt 2" dark gray	90		
100				end of core @ 97.9	100		

SC1028

47.9cm

Sediment Core Processing Log



Job: AOCs LDW NR

Location ID: SC1029

Job No. 210075.01-02

Collection Date/Time: 4/11/23 0842

No. of Sections: 1

Core Logged By: LVB, CC

Penetration Depth: 3.00

(ft)

Attempt #: 1

Processing Recovery Depth: 2.83

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 94.31

Diameter of Core (inches) 4.00

Notes: shop empty, easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		20	80	SC1029 SILT (ML) with fine-med sand, wet, dark grey, soft, non-plastic	10		
20				@15 grading of sand changes to fine only	20		
30				@22, 28, 29 3 1-1.5cm subrounded rocks	30		
40				@23 1cm pocket of silt	40		
50				@38 2cm lens of silty sand	50		
60				@47 4cm subrounded rock	60		
70				@49 3cm pocket of silty sand	70		
80				@60 sand grading changes to med-coarse here and below	80		
90				@77 4cm stick	90		
				@78 1.5cm subrounded rock			
				@79 pea sized gravel here & below			
				End of core 86.3			

SC1029
cut
56.6 cm

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.70 (ft)

Adjusted Recovery Percentage: 90.0 %

Notes:

Location ID: SC1030

Collection Date/Time: 11/21/23 1450

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-82.3 SILT (ML) black, soft, wet, non-plastic @ 0-73 gray mottling	0		
10					10		
20					20		
30					30		
40				@ 38 shell fragment 1" long	40		
50				@ 42, 44, 52-55, 61 wood fragments up to 3" long	50		
60					60		
70				@ 64 grades to medium & coarse sand	70		
80				@ 73-82.3 sand pocket of fine to medium grain sand	80		
90				end of core @ 82.3	90		

SC1030

54.0cm

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.41 (ft)

Adjusted Recovery Percentage: 80.3%

Notes:

Location ID: SC1032

Collection Date/Time: 11/16/23 1532

Core Logged By: CC/RC

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00 in

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0-73.5 SILT (ML) wet, dark blackish grey, soft, non-plastic, with fine sand.	10		
20				@ 9, 10, 15, 18 subrounded 1/2 in rock	20		
30					30		
40					40		
50				@42-67 interbedded fine to medium grain sand	50		
60				@42-59 frequent gravel up to 1" subrounded	60		
70				@67 mottled medium grey color below	70		
80				End of core @ 73.5	80		

Sediment Core Processing Log

Job: LOW AOCs m Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 2.08 (ft)

Adjusted Recovery Percentage: 83.2%

Notes:

Location ID: SC1033

Collection Date/Time: 1/12/23 1255

Core Logged By: CC/LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		80	20	0-63.4 SAND (SPSM) with silt: well-graded, multi color, wet, slight HC-like odor.	10		
20				@0-22 medium-coarse sand and silt 80%-20%.	20		
30	10	80	10	@22-29 gravel up to 1/4 in with sand and silt 10%-80%-10%.	30		
40				@21 1in subrounded rock	40		
50				@24 2in subrounded rock	50		
60				@31-32 lense of gravel up to 1/2 in	60		
70				@31 3in subangular aggregate rock	70		
		95	5	@31 slight HC-like sheen and moderate HC-like odor			
				@35-52 sand and silt 95%-5%.			
				@43-44 black lense of silt			
				@50-51 black lense of silt			
				@51 2 1-in wood fragments			
				@53-59 black lense of silt			
		85	15	@59-63.4 medium grain sand and silt 85%-15%.			
				@60 1/2 in subrounded rock			
				End at 63.4cm			

SC
1033

49.9cm

Sediment Core Processing Log

Job: 1 DW AOC S MR Phase 1

Job No: 210075.01.02

No. of Sections: 1

Penetration Depth: 2.50' (ft)

Processing Recovery Depth: 2.03' (ft)

Adjusted Recovery Percentage: 81.2%

Notes:

Location ID: IT1034

Collection Date/Time: 11/12/23 1232

Core Logged By: HS

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-16	30	60	10	Silty Sand (SM): loose, Brown, wet Silty Sand, multi-color Sand (F-M) abundant Gravel up to 2", no odor, no sheen	0-16		
16-28	5	95		Silt (ML): Stiff, wet, Olive Grey no plasticity, no odor no sheen	16-28		
28-61.9	90	10		Poorly Grade Sand w/ Silt (BP-SM) loose, Grey, wet, no odor no sheen Sandy Silt @ 37 - 50 Silty Sand (F) Pocket, olive brown 90% fines, 10% Sand @ 44-54 abundant wood fragments up to 4" @ 50-61.9 Grades to medium grain Sand	28-61.9	IT 1034 36.5 cm	
End of Core @ 61.9							

Sediment Core Processing Log



Job: ACCS MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 3.00 (ft)
 Processing Recovery Depth: 2.90 (ft)
 Adjusted Recovery Percentage: 96.7%
 Notes:

Location ID: SC1035
 Collection Date/Time: 05.08.23/1024
 Core Logged By: LVB/CC
 Attempt #: 4
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		10	90	0-88.4 SILT (MC) with fine-med sand and silt. Wet, dark grey, soft, nonplastic @0-48 fine sand and silt	0		
10					10		
20					20		
30					30		
40				@36 2" wood fragment	40		
50				@46 2" wood fragment	50		
60				@48 sand grain size changes to fine-med here below.	60		
70				@49 pocket of pea-sized gravel. 2" pocket	70		
80				@49 1.5" subangular rock	80		
90				@54-63 lens of gravel up to 1"	90		
				@63-85 interbedded sandy silt and silty sand			
				@73 2" subangular rock			
				@85 here below silty med-coarse sand and gravel			
				@85 1/2" brick fragment			
				End of core 88.4			

SC1035

58.0cm

Sediment Core Processing Log



Job: LDW AOC S MR Phase 1

Location ID: SC1036

Job No. 210075.0102

Collection Date/Time: 3/2/23 1409

No. of Sections: 1

Core Logged By: LVB/CC

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.16 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 72.0%

Diameter of Core (inches) 4.00"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-33 SILT (ML) with fine sand, wet, dark blackish grey, soft, nonplastic, small rootlets throughout. @ 3, 26 2" sticks	10		
20				@ 13-15 pocket of different grading 85% fine - 15% sand.	20		
30					30		
40		95	5	33-50 SAND (SW) well graded, multicolor	40		
50					50		
60		15	85	50-65.8 SILT (ML) with fine sand, wet, dark blackish grey, soft, non plastic.	60		
70				End of core @ 65.8	70		

SC1036

43.2cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1037

Job No. 210075.01.02.

Collection Date/Time: 3/2/23 1409 1329

No. of Sections: 1

Core Logged By: LVB CC AJ

Penetration Depth: 3.00 (ft)

Attempt #: 2

Processing Recovery Depth: 2.18 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 72.7 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0. - 65.8 cm: SILT (ml), V. dark grey, soft to 39 cm then medium firm 39-65.8 cm 95% fine 5% fine sand 1/4" shell fragment in the upper 43.6 cm @ 29 - 35 pocket of sandy silt 80% fine, 20% fine to medium sand @ 33, 38, 61 rootlets @ 34 4" stick Core ends at 65.8 cm	10		
20					20		
30					30		
40					40		
50					50		
60					60		
70					70		
80					80		

Sediment Core Processing Log

Job: LOW AOCs MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 8.00 (ft)

Processing Recovery Depth: 7.69 (ft)

Adjusted Recovery Percentage: 96.1%

Notes:

Location ID: SC1038

Collection Date/Time: 11/3/23 0940

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-234.4 cm - SILT (ML), black, soft, wet, non plastic	0	MLLW - 29 ft	
20				@10, 15, 18 cm - roots	20	SC1038A	
40				@47-56 cm - olive silt lens	40	29.3 cm MLLW - 30 ft	
60				@65 cm - trace shell frags.	60	SC1038B	
80				@94-99 cm - black fine grained silty sand lens	80		
100				@122-140 cm - light olive gray silt layer, very soft	100	87.9 cm MLLW - 32 ft	
120					120	SC1038C	
140					140		
160					160	146.5 cm MLLW - 34 ft	
180				@182 cm - m. stiff and low plasticity below	180		
200				@199-200 cm - lens of black organic fibers	200		

Sediment Core Processing Log



Job: LOWAOLS MR Phase 1

Location ID: SC 1038

Job No. 210075.01.02

Collection Date/Time: 11/13/23 0946

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 8.00 (ft)

Attempt #: 1

Processing Recovery Depth: 7.69 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.1%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200				@216, 226 cm - roots	200		~
220					220		~
240				End of Core @ 234.4 cm	240		
260					260		
280					280		
300					300		
320					320		
340					340		
360					360		
380					380		
400					400		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1039

Job No. 210075:01.02

Collection Date/Time: 12/16/22 0950

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 9.00 (ft)

Attempt #: 1

Processing Recovery Depth: 7.55 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 94.4%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-230.1cm - SILT(MI), black, soft, wet, non plastic	30	-26.7ft MLLW	
60				@26, 40, 52, 99cm - roots	60	SC1039A (sheet)	
90				@90cm - 1/4" subrounded gravel	90	47.5cm -25.4ft MLLW	
120					120	SC1039B (sheet)	
150				@160cm - grass	150	95.0cm -30ft MLLW	
180				@162cm - med. stiff with dark gray mottling below	180	SC1039C	
210				@169cm - 1" subangular gravel	210	151.6cm -32ft MLLW	
240				@185-186cm - dark gray sand with silt lens, wood frags.	240	SC1039D	
270				@201-221cm - light gray very soft silt lens	270	208.2cm -34ft MLLW	
300				End of Core @ 230.1cm	300		

Sediment Core Processing Log

Job: CDWAOLC MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 4.21 (ft)

Adjusted Recovery Percentage: 105.3%

Notes:

Location ID: SC1040

Collection Date/Time: 11/23/23 1415

Core Logged By: LP

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				0-113cm SILT (ML) black, wet, non-static	0		
20					20		
40				④ 41-44 fine to medium sand lens	40		
60				④ 65-113 gray mottling	60		
80				④ 85 fine to medium sand lens	80		
100				④ 92 shell fragment	100		
120				④ 108 fine to medium sand lens	120		
140				113 to 128.3 SILTY SAND (SM) black, loose, wet fine to medium grains	140		
				end of core ④ 128.3			

SC 1040

60.0 cm

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: IT 1041

ANCHOR
QEA

Job No. 210075.01.07

Collection Date/Time: 11/3/23 1455

No. of Sections: 1

Core Logged By: AZ

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 1.92 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 76.4%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		90	10	0-58.5cm poorly graded sand (SP) grey, loose, wet, 95% sand 5% silts multicolored grains and mica flecks	10		
20				@ 0-22cm red-brown sand with silt, 90% sand-10% silts	20	IT 1041	
30		95	5	@ 7-20cm frequent subrounded gravel up to 1"	30		
40				@ 41cm twig 2"	40	34.6 cm	
50					50		
				END OF CORE 58.5cm			

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1044

ANCHOR
QEA

Job No. 210075-01.02

Collection Date/Time: 3/2/23 1504

No. of Sections: 1

Core Logged By: CC/LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.85 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.3%

Diameter of Core (inches) 4.00 in

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-117.3 SILT (ML) with fine sand, wet, dark blackish grey, soft, nonplastic @ 7 1" wood fragment @ 24 1" small stick @ 54 1" half-shell @ 65-66 lens of organic debris and small wood fragments	0		
40					40		
60					60		
80					68		
100		10	90	@ 76 grading changes to silt with med and fine sand here and below @ 89-91 lens of organic debris and small wood fragments End of core @ 117.2	80		
120					100		
					120		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00

Processing Recovery Depth: 3.67

Adjusted Recovery Percentage: 91.8%

Notes:

Location ID: SC1045

Collection Date/Time: 11/9/23 0810

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-111.9	5	95		SILT (ML) soft, wet, dark gray non-plastic, fine sand @ 29 moderate rootlets	0-111.9	SC1045	~ ~ ~ ~
					55.1 cm		
				end of core @ 111.9			

Sediment Core Processing Log



Job: LDW ADCS MR Phase 1

Location ID: SC1046

Job No. 210075-01.02

Collection Date/Time: 12/15/22 1132

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 10.00 (ft)

Attempt #: 1

Processing Recovery Depth: 10.35 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-315.5cm - SILT (ML), dark gray, soft, wet, non plastic	20	-26.3 MLLW	
40				@ 29, 46, 109, 133cm - roots	40	SC1046A (shoal)	
60				@ 43cm - wood frag.	60	56.4cm -28.2ft MLLW	
80				@ 59-76cm - gray silt	80	SC1046B (shoal)	
100					100		
120					120	112.8cm -30ft MLLW	
140					140	SC1046C	
160					160		
180				@ 173cm - black silt below	180	172.8cm -32ft MLLW	
200					200		

Sediment Core Processing Log

Job: LOW AOC5 MRPhase1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 10.35 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1046

Collection Date/Time: 12/15/22 1132

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220	SC10460	
240					240	232.8cm -34.5 mclw	
260				@259-314cm - light gray very soft silt	260		
280				@285-287cm - pocket of black silt	280		
300					300		
320				End of Core @315.5cm	320		
340					340		

Sediment Core Processing Log

Job: LDWA005MRPhase 1

Location ID: SC1047

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 12/13/2016 1658

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 12.00 (ft)

Attempt #: 1

Processing Recovery Depth: 10.42 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 86.8%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-317.6cm - SILT (ML), black, soft, wet, nonplastic	20		
40				@0-60cm - frequent roots, wood fibers	40	SC1047A (Shoal)	
60				@58, 73, 81cm - black organics/roots lenses	60		
80				@94cm - roots	80	79.4cm - 27.0 ft MLLW	
100				@113cm - branches, roots, 1/4" shell fragment	100		
120				@117cm - 2 1/2" chunk decomposing wood	120	SC1047B (Shoal)	
140					140		
160				@166, 190cm - roots	160	156.8cm - 30.0 ft MLLW	
180					180	SC1047C	
200					200		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1047

Job No. 210075.0102

Collection Date/Time: 12/15/22 1058

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 12.00 (ft)

Attempt #: 1

Processing Recovery Depth: 10.42 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 86.8%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220	210.9cm -32.0ft MLLW	
240					240	SC1047D	
260					260		
280					280	263.0cm -34.0ft MLLW	
300					300		
320					320		
340					340		
				@250-280cm - light gray very soft silt lens			
				@308-312cm - dark gray silty sand lens			
				@310cm - root			
				End of Core @ 317.6			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.22 (ft)

Adjusted Recovery Percentage: 80.5%

Notes:

Location ID: SC1048

Collection Date/Time: 3/2/23 1227

Core Logged By: LVB and CC

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0 - 98.1 cm ; SILT (M), v. dark grey. Soft, wet, non-plastic 95% fine, 5% fine sand	0		
10					10		
20				@ 20 2" pocket of dense roots	20		
30					30		
40				@ 40, 44, 61 rootlets	40		
50					50		
60					60		
70				@ 64 - 98.1 increasing sand content to 80% fine 20% fine sand at 98.1 cm	70		
80				@ 80 1/2" subrounded rock	80		
90					90		
				Core ends at 98.1 cm			

Sediment Core Processing Log

Job: LDW AOCs MR Phase 1

Location ID: IT105



Job No. 210075.01.02

Collection Date/Time: 1/19/23 0955

No. of Sections: 7

Core Logged By: LVB + CC

Penetration Depth: 2.50 (ft)

Attempt #: 2

Processing Recovery Depth: 1.93 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 77.2%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		60	40	0-21 cm well graded SILTY SAND (SW-SH) loose, wet, 40% fine, 60% well graded sand. Abundant organic fibres	10		
20					20		
30		90	10	@ 21-49 cm Interbedded, poorly graded SAND, very dark grey, grey, dark grey loose, wet, 90% fine, medium sand 10% fine in approximately 2-3 cm bands	30		
40					40		
50				@ 44 2" pocket of v. dark grey SILT with well graded sand	50		
60		95	5	@ 49-58 cm well graded SAND (SW), grey, loose, wet 95% well graded sand 5% fine @ 57 1/2" white poraline chard @ 58 1/2" subrounded rock	60		
				Core ends at 58.8 cm			

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.93 (ft)

Adjusted Recovery Percentage: 98.31

Notes:

Location ID: SC1052

Collection Date/Time: 11/19/23 0837

Core Logged By: CC/LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00 in

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		10	90	0-119.8 SILT (ML): soft, wet, dark blackish grey, non plastic, with fine sand, and moderate H ₂ S-like odor. @3,26 biota (worm) @22 9" long 1/4" wide flexible plastic tube @ between 0 and 59.0: two 1/2" shell fragments @0-55 frequent small rootlets @60-70 abundant organic material with moderate H ₂ S-like odor @88 rootlet End of core @ 119.8cm	20	SC1052	5
40					40		
60					60	59.0cm	
80					80		
100					100		
120					120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075-01.02

No. of Sections: 1

Penetration Depth: 8.00 (ft)

Processing Recovery Depth: 7.43 (ft)

Adjusted Recovery Percentage: 92.9%

Notes:

Location ID: SC 1053

Collection Date/Time: 12/16/22 0912

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30			100	0-226.5cm - SILT (ML), black, soft, wet, non plastic	30	-27ft MLW	
60				@22cm - branch	60	SC1053A (short)	
90				@33-34, 45-62, 80-84cm - black leaves and twigs lenses, slight H ₂ S like odor	90	42.5cm -28.4ft MLW	
120				@56-71cm - olive gray	120	SC1053B (short)	
150				@60, 66, 71cm - roots	150	85.0cm -30.0ft MLW	
180				@90-108cm - abundant branches, wood fibers	180	SC1053C	
210				@97cm - trace shell hash	210	140.7cm -32.0ft MLW	
240				@114-129cm - low plasticity	240	SC1053D	
270				@209-226.5cm - green gray very soft silt	270	196.4cm -34.0ft MLW	
300				End of Core @226.5cm	300		

Sediment Core Processing Log

Location ID: 501054

Collection Date/Time: 3/1/23 1150

Core Logged By: LVB/ccl

(ft) Attempt #: /

(ft) Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-20 20-40 40-60 60-80 80-100 100-120		5	95	0-111.3 SILT(CML) with fine sand. Wet, dark blackish grey. soft, low plasticity. small rootlets and small wood fragments throughout. @64 4" thin-stick @75 1" angular rock @86 2" thick stick END OF CORE 111.3	0-20 20-40 40-60 60-80 80-100 100-120	SL054 54.8 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.0102

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.84 (ft)

Adjusted Recovery Percentage: 96.0%

Notes:

Location ID: SC1057

Collection Date/Time: 11/19/23 0916

Core Logged By: Just + J

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-80.0 SILT (ML), <u>Soft, wet,</u> <u>non-plastic, no sheen, no odor</u> <u>Dark gray</u>	20		
40				@38.0: 1/4" shell piece	40	SC1057	
60					60	57.6cm	
80				80.0-117.0, SILT (ML), <u>medium</u> <u>stiff, non-plastic, no odor,</u> <u>no sheen, dark gray</u>	80		
100				@82 - 1 x 1/2" sub angular rock	100		
120				@107 - 1 x 1/4" shell fragment	120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.16 (ft)

Adjusted Recovery Percentage: 79.0%

Notes:

Location ID: SC1058

Collection Date/Time: 1/11/23 1309

Core Logged By: TA

Attempt #: 1

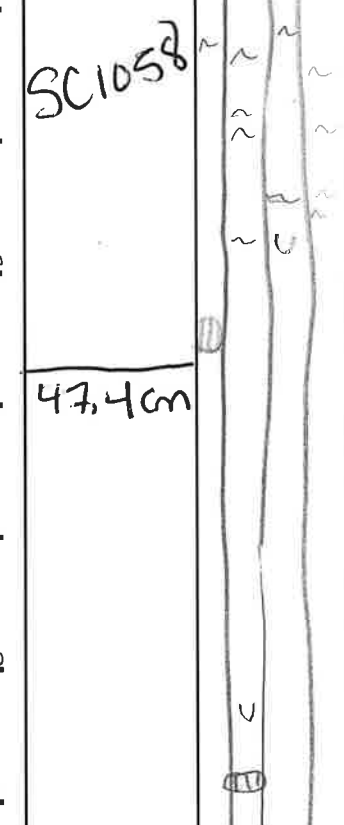
Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-96.3cm SILT (ML) dark brown, soft, wet non-plastic	10		
20				@ 26-40cm rootlets scattered	20		
30					30		
40				@ 40cm shell fragment, 1" long	40		
50				@ 46, 34cm clust of olive brown SILT 1/2" long	50		
60					60		
70				@ 73cm shell fragment 1/2" long	70		
80				@ 77 shell fragment 1/4" long	80		
90					90		
100				end of core @ 76.3cm	100		



Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1059

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 12/15/22 0946

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 10.00

(ft)

Attempt #: 1

Processing Recovery Depth: 10.44

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-318.2cm - SILT (ML), black, soft, wet, non plastic	20	MLW - 26.1 ft	
40					40	SC1059A (short)	
60				@55, 66, 98cm - roots	60	79.5cm MLW - 28 ft	
80					80	SC1059B (short)	
100					100		
120				@136-142cm - black sandy silt lens	120	119.0cm MLW - 30 ft	
140					140	SC1059C	
160					160		
180				@192cm - branch	180	179.0cm MLW - 32 ft	
200				@199cm - 1 1/4" angular gravel	200		

Sediment Core Processing Log



Job: LOWA OCS MR Phase 1

Location ID: SC1059

Job No. 210075.0102

Collection Date/Time: 12/15/22 0946

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 10.00 (ft)

Attempt #: 1

Processing Recovery Depth: 10.44 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200				@215-237cm - light gray very soft silt lens	200	SC1059D	
220					220		
240					240	239.0cm	
260					260	MLLW	
280					280	-34.4	
300				@281cm - root	300		
320				@314-318.2cm - dark gray sandy silt lens	320		
340				End of Core @ 318.2cm	340		
					360		
					380		
					400		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1060



Job No. 210075.01.02

Collection Date/Time: 12/15/22 0900

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 14.00 (ft)

Attempt #: 1

Processing Recovery Depth: 13.15 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.9%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0 - 400.8cm - SILT(MI), black, soft, wet, non plastic	20	MLLW -21.4ft	
40				@50, 122cm - black organics, root lenses	40	SC1060A (short)	~~~~~
60				@63cm - grass shoot	60		~
80					80		
100					100	92.1cm MLLW -24.3ft	
120					120	SC1060B (short)	~~~~~
140				@145cm - root	140		~
160				@154cm - 2 shell fragments ~ 1"	160		rr
180				@181cm - grass shoot	180		
200				@182cm - root	200	164.1cm MLLW -27.1ft	~
220				@200 - branches	220		~~~~~

Sediment Core Processing Log



Job: LDW ADCS MR Phase 1

Location ID: SC1060

Job No. 210075.01.02

Collection Date/Time: 12/15/22 0900

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 14.00 (ft)

Attempt #: 1

Processing Recovery Depth: 13.15 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.9%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220	SC1060C (shell)	
240					240	246.3cm -30ft MLLW	
260				@269cm - 1" shell frag	260		
280				@272cm - pocket of wood frags.	280	SC1060D	
300					300	302.6cm MLLW -32ft	
320				@333-373cm - light gray very soft silt layer	320	SC1060E	
340					340		
360				@377cm - branch roots	360	358.9cm MLLW -34ft.	
380					380		
400					400		

End of Core @ 400.8cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1061

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 11/10/23 1045

No. of Sections: 1

Core Logged By: CC

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.51 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 87.8%

Diameter of Core (inches) 4"

Notes: easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
15		10	90	0-107.0 SILTCLAY: wet black soft non-plastic silt with fine sand. slight HC-like sheen and odor. @15 1/2 in shell fragment @12-21 moderate rootlets @25 3 shell fragments up to 1 in. @41 rootlets @42 two 1/2 in shell fragments @50-107.0 olive brown mottling @61 1/2 in shell fragment @75 slight H ₂ S-like odor @82-91 lense of olive brown soft wet nonplastic silt @84-107.0 slight HC-like odor END OF CORE @107.0	52.7cm	SC1061	

Sediment Core Processing Log

Job: LOW AOCs MR Phase 1

Location ID: IT1062

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 11/11/23 1103

No. of Sections: 1

Core Logged By: LUB

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.50 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.3%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40 50 60 70 80		20	80	0-62 cm: Well graded sandy SILT (SP-SM) light grey 0-43 cm, soft, wet, non-plastic 80% fine, 20% fine to coarse sand moderate woody debris, slight H₂S like odor. @ 43-61 yellow brown color @ 0, 20, 32 3" wood @ 8 2" subangular rock @ 27 1/2" round rock @ 38 2" lens, sand and gravel up to 1.5" subrounded rocks	10 20 30 40 50 60	IT1062	
90		95	5	62-76.2 cm Poorly graded SAND (SP) dark grey, loose, wet, 5% fine, 95% fine to medium sand multicolored sand with occasional mica flecks Core ends at 76.2 cm	70 80	34.5cm	

Sediment Core Processing Log

Job: LDWAOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 10.00

Processing Recovery Depth: 11.15

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1064

Collection Date/Time: 12/14/22 1456

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-339.9cm - SILT (ML), black, soft, wet, non plastic	20	MLLW -26.4ft	
40				@22cm - branch	40	SC1064A (Shoel)	
60				@51-60cm - brown leaf and branch lens, slight H ₂ S like odor	60	54.9cm MLLW -28.2ft	
80				@60-63cm - black lens of woody organics	80	SC1064B (Shoel)	
100				@63-140cm - interbedded black silt with dark gray silty sand lenses, fine to medium grained, lenses ~1"-3" thick	100		
120				@91, 130, 155cm - roots	120	109.8cm MLLW -30.6ft	
140					140	SC1064C	
160					160		
180					180	109.8cm MLLW -32ft	
200					200		

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: SC10604

Job No. 210675.01.02

Collection Date/Time: 12/14/22 1456

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 10.00 (ft)

Attempt #: 1

Processing Recovery Depth: 11.15 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220		
240					240		
260					260		
280					280		
300					300		
320					320		
340					340		
360					360		
380					380		
400					400		
				@250cm - low plasticity below			
				@286cm - dark gray below			
				@303-312, 330-334cm - gray silty sand lenses, fine to medium grained			
				End of Core @ 339.9cm			
						Sample	Summary Sketch
						SC064.D.	
						229.8cm	
						MLLW	
						-34.8ft	

Sediment Core Processing Log

Job: LOW AOC5MR Phase 1

Location ID: SC1065

ANCHOR
QEA

Job No. 210675.01.02

Collection Date/Time: 12/15/22 0811

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 12.00

(ft)

Attempt #: 1

Processing Recovery Depth: 11.75

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.9%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-358.1cm - SILT (ML), black, soft, wet, low plasticity @28-35cm - black silty sand lens	20	22.7 ft MLLW	
40					40		
60					60	SC1065A (shu2)	
80				@80-93cm - dark gray silt	80		
100				@113cm - roots	100		
120				@120cm - non plastic below	120	109.0cm MLLW 22.7 ft 26.4 ft AV	
140					140		
160					160	SC1065B (shu2)	
180				@172-173cm - black lens of leaves and branches	180		
200					200		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1065

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 12/13/22 0811

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 12.00 (ft)

Attempt #: 1

Processing Recovery Depth: 11.75 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.9%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220	218.0cm MLW - 26.4ft - 30ft	
240					240	SC1065C	
260				@255cm - roots	260		
280					280	276.7cm MLW - 32ft - 34ft	
300				@300-338cm - black/dark gray mottling	300	SC1065D	
320					320		
340					340	335.4cm MLW - 34ft	
360					360		
380				End of Core @ 358.1cm	380		
400					400		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1
 Job No: 210075.01.02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.22 (ft)
 Adjusted Recovery Percentage: 80.5%
 Notes:

Location ID: SC1066  **ANCHOR**
 Collection Date/Time: 11/10/23 1108
 Core Logged By: LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0 - 98.1 cm: SILT (ML), black, soft, wet, non-plastic, moderate H ₂ S like odor. 90% fine, 10% fine to medium sand, fine sand only below 20 cm @ 11 3/4" shell fragment @ 20-35 moderate organic fibres	10		
20					20		
30					30		
40				@ 40 rootlets	40		
50				@ 50 - 70 moderate organic fibres	50	48.3 cm	
60					60		
70				@ 72 2" wood fragment	70		
80					80		
90				@ 89 few rootlets	90		
				core ends at 98.1 cm			

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: IT 1068

ANCHOR
QEA 

Job No. 210075-01.02

Collection Date/Time: 11/11/23 1045

No. of Sections: 1

Core Logged By: AZ

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 2.25 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.0

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				0-68.6 cm	0		
10		20	80	interbedded sandy silt (ML) ^{brown} grey	10		
20				stiff, wet	20		
30				w/ layers of silt w/ fine sand	30		
40				grey brown w/ olive-grey mottling	40		
50				@ 0-5 cm 1-3" gravel sub-angular	50		
60				@ 7-9 cm fine sand w/ silt lens	60		
70				AZ	70		
80				@ 16-21 cm woody lens w/ light brown silt	80		
90				@ 30-31 cm light brown silt lens	90		
100				@ 35-40 sand 95-5 lens	100		
110				grey	110		
120				@ 44-48 sand lens 95-5 grey	120		
130				@ 60-68.4 wood frag. up to 2"	130		
140				5.0 H ₂ S odor	140		
150				END of CORE at 68.6 cm	150		

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: SC1069

Job No. 210075.01.02

Collection Date/Time: 11/11/23 1322

No. of Sections: 1

Core Logged By: AB

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.12 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 70.7

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-26 cm	60	40		<u>0-26 cm</u> silty sand (SL) (SL) 60% sand - 40% silt soft, wet, dark grey @ 5 cm 2" rock, sub-round @ 10 cm 1.5" rock, sub-round	0-26 cm		
26-46 cm	95	5		<u>26-46 cm</u> ^{A2} fine-medium poorly graded sand (SP) 95% - 5% loose, wet, dark grey w/ multicolored grains @ 40 cm 3" rock round with barnacles	26-46 cm	42.4 cm	
46-64.6 cm	60	40		<u>46-64.6 cm</u> fine silty sand, 60% - 40% (SL) soft, wet, grey-brown @ 46-56 cm wood frag up to 3"	46-64.6 cm		
END OF CORE at 64.6 cm							

Sediment Core Processing Log



Job: <u>LDW AOC5 MR Phase 1</u>	Location ID: <u>SC1070</u>
Job No. <u>210073.01.02</u>	Collection Date/Time: <u>12/16/22 1201</u>
No. of Sections: <u>1</u>	Core Logged By: <u>J. Light</u>
Penetration Depth: <u>7.00</u> (ft)	Attempt #: <u>1</u>
Processing Recovery Depth: <u>7.21</u> (ft)	Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
Adjusted Recovery Percentage: <u>100%</u>	Diameter of Core (inches) <u>4"</u>
Notes:	Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30			100	0-219.8cm - SILT (ML), black, soft, wet, non plastic	30	17.2 ft MLLW	
60				@25cm - wood fragment	60	SC1070 A (shon)	
90				@30cm - 1/2" decomposing wood chunk	90	61.0cm - 20.0 ft MLLW	
120				@103-145cm - black/dark gray mottling	120	SC1070 B	
150				@137cm - root	150	121.0cm - 22.0 ft MLLW	
180				@150-219.8cm - gray, low plasticity	180	SC1070 C	
210				@200-202cm - olive gray silt lens	210	181.0cm - 24.0 ft MLLW	
240				@203-207, 213-215cm - dark gray silty sand lenses	240		
270				End of Core @ 219.8cm	270		
300					300		

ANCHOR
QEA

Location ID: IT1072

Collection Date/Time: 11/23/09

Core Logged By: LUB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 1 of 1

Sediment Core Processing Log



Job: Low AOCs ME Phase 1

Location ID: SC1073

Job No. 210075.01.02

Collection Date/Time: 11/11/23 1337

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.75 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.7%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		90	10	0-83.3cm Interbedded, poorly graded, dark grey SAND (sp) loose. Wet 90% sand 10% fine and dark grey, SILT (ML) soft, wet non-plastic	10		
20		5	95	95% fine, 5% fine sand @ 6" entire closed bivalve shell @ 0-25 medium, very small shell fragments.	20		
30				@ 20 2" fragment of hard sandy composite (unidentified)	30		
40				@ 25 2cm lens of black sand and slight HC like odor.	40		
50				@ 30 2" stick	50		
60		5	95	@ 33-83.3cm Interbedded with SILT (ML) brown, med stiff, wet, medium-plastic. 95% fine, 5% fine sand and abundant wood fibres	60		
70				gradual increase in brown silt below 33cm	70		
80				@ 75-83.8 lens brown silt and abundant wood fibres	80		
90				core ends at 83.8cm	90		

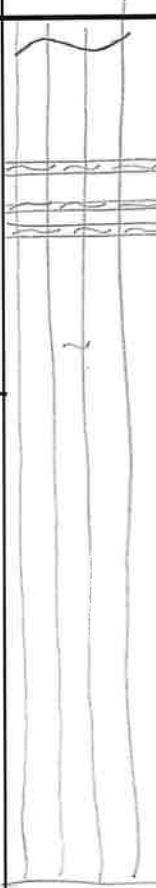
SC 1073

SS.0cm

Sediment Core Processing Log

Job: LDW AOC5 m Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 4.50 (ft)
 Processing Recovery Depth: 4.45 (ft)
 Adjusted Recovery Percentage: 98.9%
 Notes:

Location ID: SC1074  **ANCHOR**
 Collection Date/Time: 11/3/23 0820
 Core Logged By: CC LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches)
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-135.6 Silt (ML) black, wet, soft, non-plastic silt with fine sand, with dark gray mottling throughout	0	SC 1074	
20				@3 4in root	20		
40				@25-26 black organic fiber lens	40		
60				@29-36 black organic fiber lens	60		
80				@35-36 black organic fiber lens	80		
100				@51 rootlet	100		
120				@60-68 medium-stiff dark gray silt lens	120		
140				@87-117 olive gray mottling, gradually increasing	140		
				@106 low plasticity below			
				@100-119 olive gray color			
				End of core 135.6cm			

Sediment Core Processing Log

Job: LOW ADCS MP Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.50 (ft)

Processing Recovery Depth: 4.48 (ft)

Adjusted Recovery Percentage: 99.6%

Notes:

Location ID: SC1075

Collection Date/Time: 11/3/23 0856

Core Logged By: 14

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-136.6	5	95		0-136.6 SILT(ML) black soft, wet non-plastic @ 11 1" shell fragment @ 21 root @ 24 3" wood fragment @ 35 2" shell fragment @ 37-96 black with dark gray mottling @ 86-87 black silty sand lens @ 96-136.6 gray mottling @ 92-93 dark gray sandy silt @ 113-114 light gray silt lens end of core @ 136.6 cm	0-136.6	SC1075 59.8cm	
					100	59.8cm	
					120		
					140		

Sediment Core Processing Log

Job: LDW ACS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 1.72 (ft)

Adjusted Recovery Percentage: 68.8%

Notes:

Location ID: SC1076

Collection Date/Time: 11/16/23 1003

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-26 SILT (ML) soft, wet, blackish gray non-plastic	10		
20				① 16 2" rock covered in barnacle	20		
30		95	5	① 20 asphalt 2" ① 13-25 gravelly silt with increased sand and abundant shell fragments into 1" long	30	SC1076	
40				25-52.4 SAND (SP) loose, wet, gray	40		
50				① 28 1 1/2" subrounded rock	50		
60				end of core ① 52.4	60	41.3cm	

Sediment Core Processing Log



Job: LDW AOC 5 MR Phase 1

Location ID: SC1077

Job No. 210075-01.02

Collection Date/Time: 1/6/23 1510

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 2.25 (ft)

Attempt #: 1

Processing Recovery Depth: 1.6 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 71.1%

Diameter of Core (inches) 4

Notes: Hit refugia

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
15	70	15		0-42.7cm <u>poorly</u> graded sand (w/gravel CSP) gray, loose, wet, multi-color grains fine to medium size grain, occasional mica flecks @20cm sub-angular 3" rock @24-25cm shell fragments 1 1/2" long @32 glass fragments 1. @35cm glass shard 4"	15		
				end of core @ 48.8			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: IT1078

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 11/11/23 1413

No. of Sections: 1

Core Logged By: 1

Penetration Depth: 2.00 (ft)

Attempt #: 1

Processing Recovery Depth: 1.30 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 65.0

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-25.1m	30	60	10	loose, wet, gray, fine to medium grained sand w/ silt+ yellow & brown in color, abundant gravel up to 2" long	IT1078		
25-39.6cm	05	5		loose, wet, gray, fine to medium grain	29.3cm		
				end of core @ 39.6			

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075-0102

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.50 (ft)

Adjusted Recovery Percentage: 75.0

Notes:

Location ID: IT1079

Collection Date/Time: 11/11/23 0904

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5		95	5	0-45.7cm: Poorly graded SAND (SP), brown, loose, wet, moderate rocks up to 2" wide, subrounded to subangular. 5% fine 95% fine to medium grained sand @ 2 1.5" piece of slag	5		
10					10		
15					15		
20				@ 21 1.5" lens silty sand and gravel up to 1/4" subangular rocks	20	IT1079	
25				@ 22 1" clast black silt with fine to medium grained sand	25		
30					30		
35					35	33.8cm	
40					40		
45				Core ends at 45.7cm	45		

Sediment Core Processing Log



Job: LOW AOCs MR Phase 1

Location ID: IT1080

Job No. 210073.01.02

Collection Date/Time: 11/11/23 0924

No. of Sections: 1

Core Logged By: AZ

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 2.11 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 84.4%

Diameter of Core (inches) 4.0

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-64.3		60	40	<u>0-64.3cm</u>: ^{silty sand (SM)} poorly gr. sand w/ silt (SP-SM) sand w/ silt grey, wet, loose non-plastic fine-med sand w/ multicolored grains 1/2" gravel, round @ 5cm silt lenses, dark grey mottling @ 22-26cm, 27-31cm, 34-38cm, 42-50cm, 52-54cm, 55-58cm 1/2" twig @ 44cm 1/2" gravel sub-angular @ 59cm END of core @ 64.3cm	0-64.3	IT1080 AW IT1080 36.0cm 64.3cm	

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075-01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.31 (ft)

Adjusted Recovery Percentage: 65.5%

Notes:

Location ID: IT 1081

Collection Date/Time: 11/11/23 1015

Core Logged By: AZ

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-39.9 cm				poorly graded sand (SP) 95%-5% gray, loose, wet multi-colored @ 0-4 cm brown silt ^{surface} @ 10 cm fine sand at 21 cm	0-39.9 cm		
END OF CORE					29.5 cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1082

Job No. 210075.01.02

Collection Date/Time: 11/12/23 1340

No. of Sections: 1

Core Logged By: CC/LVB

Penetration Depth: 4.00 (ft)

Attempt #: 2

Processing Recovery Depth: 3.72 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.0+

Diameter of Core (inches) 4.00 in

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		95	5	0-113.4 SILT (ML) and fine sand, dark blackish grey, soft, wet @11-30 dark grey color @13-29 lense of fine sand with silt @30-42 dark brown color @38-39 lense of fine sand with silt @46-56 fine wood fragments @52 2" stick @54 1.5" stick @82-96 lense of fine sand with silt @97 low plasticity below End of core @113.4	20 40 60 80 100 120	SC1082 55.8 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.50 (ft)

Processing Recovery Depth: 4.41 (ft)

Adjusted Recovery Percentage: 98.0%

Notes:

Location ID: SC1083

Collection Date/Time: 1/12/23 0838

Core Logged By: CC/TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30 40 60 80 100 120 140		5	95	0-134.4: SILT (ML): wet, black soft non-plastic with fine sand @ 0-20: olive brown color @ 0-49 scattered trace organic material @ 97-120 light grey mottling @ 104 trace black organic material @ 109-110 lens of black organic material @ 120-134.4 dark grey mottling End of core 134.4	20 40 60 80 100 120 140	SC 1083 45.4cm 58.8cm	

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: SC1084

Job No. 210075.01.02

Collection Date/Time: 1/12/23 0947

No. of Sections: 1

Core Logged By: LB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.24 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 81.0%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-98.8cm SI LT (ML) dark gray, soft, wet, non-plastic slight H ₂ S like odor ① 3,6 rootlet & biota ① 15cm twig 5" long	10		
20					20		
30				② 29-43cm few scattered sand pockets of fine sand	30		
40				① 30-53 olive gray color ① 33 1cm silty sand lens w/ abundant woody fibers	40		
50				① 39 2cm woody lens with fibers and fragments in abundance up to 3" long	50		
60				① 45cm rootlet	60		
70				① 47cm silty sand lens, abundant wood fibers	70		
80				① 53-98.8 dark gray with decreasing olive gray mottling	80		
90				① 63cm 1" piece of wood fragments	90		
100				① 74cm wood fragment ① 75-78cm moderate wood fibers	100		
				end of core @ 98.8			

SC
1084

48.6cm

Sediment Core Processing Log

Job: LDW AOCs MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.50 (ft)

Processing Recovery Depth: 2.80 (ft)

Adjusted Recovery Percentage: 80.0

Notes:

Location ID: SC 1085

Collection Date/Time: 11/11/23 1234

Core Logged By: AZ

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.0

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA 

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				<u>0 - 85.3</u>	0		
10		5	95	silt w/ fine sand (ML) dark grey to 5% fine sand 95% silt soft, wet, grey mottling throughout	10		
20				(@ 12 cm 1.5" clam	20		
30					30	SC1085	
40				(@ 40 cm thin roots up to 2" long	40		
50					50	46.0 cm	
60					60		
70					70		
80					80		
90				END OF CORE at 85.3 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.14 (ft)

Adjusted Recovery Percentage: 57.0%

Notes:

Location ID: IT1088

Collection Date/Time: 11/11/23 0822

Core Logged By: T4

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40		45	5	0-34.7cm poorly graded SAND (SP) brownish gray loose, wet, multi-colored grains, fine to medium grains	10 20 30 40	IT1088 25.7cm	
				end of core @ 35.7			

Sediment Core Processing Log

Job: LOW ACS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.57 (ft)

Adjusted Recovery Percentage: 78.5%

Notes:

Location ID: IT1089

Collection Date/Time: 11/11/23 0842

Core Logged By: ZVR

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		95	5	0-47.9 cm ^{poorly graded} SAND (SP), dark grey, loose, wet. 5% fine 95% fine to medium grained sand. occasional mica flecks @ 9 1/4" shell fragment @ 9 2" lens sand and gravel, up to 1" subrounded to angular rocks @ 9 2" piece of slag	0		
5					5		
10					10		
15					15		
20					20		
25					25		
30					30		
35					35		
40					40		
45					45		
				@ 32 1/2" subrounded rock			
				Core ends at 47.5 cm			

Sediment Core Processing Log

Job: Low AOLS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.72 (ft)

Adjusted Recovery Percentage: 90.7%

Notes:

Location ID: SC1090

Collection Date/Time: 11/16/23 0921

Core Logged By: CC/RC

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00 in

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-82.9 SILT (ML) blackish grey, wet, soft, non-plastic with fine sand.	10		
20				@15-16 lense of organic material	20		
30					30		
40				@34 1" shell	40		
50					50		
60					60		
70				@62 3" by 1" wood fragment	70		
80					80		
90				End of core 82.9cm	90		

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1

Location ID: SC1091

Job No. 210075.0102

Collection Date/Time: 12/16/22 1238

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 9.00 (ft)

Attempt #: 1

Processing Recovery Depth: 6.70 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.8%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30			100	0-105cm - SILT (ML), black, soft, wet, nonplastic	30	17.2ft MCLW	
60				@57cm - branches, wood frags, up to 1"	60	SC1091A (shovel)	
90				@71cm - roots	90	71.5cm 20ft MCLW	
120			70	@79-105cm - black/dark gray mottling	120	SC1091B	
150			30	105-204.2cm - POORLY GRADED SILTY SAND (SM), gray, loose, wet, fine grained, occasional mica flecks, nonplastic fines	150	121.8cm 22ft MCLW	
180				@121-137cm - abundant brown woody material, wood frags.	180	SC1091C	
210				@141, 154cm - roots	210	172.1cm 24ft MCLW	
240				@168-204.2cm - abundant roots, twigs, woody material	240		
270				End of Core @ 204.2cm	270		
300					300		

Sediment Core Processing Log

Job: LOW AOS ME Phase 1

Location ID: SC1093

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 11/01/23 1226

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.14 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 78.5%

Diameter of Core (inches)

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0 - 97.3 cm: SILT (ML), black, soft, wet non-plastic 95% fine, 5% fine sand	0		
10					10		
20					20		
30				@ 26 rootlet	30	SC1093	~
40				@ 37 wood fibres	40		
50				@ 52 2" lens, sandy silt with medium grained sand and organic fibres	50	47.1 cm	
60				@ 54 2 pieces of plastic 1"	60		
70				@ 61 1/2" lens olive brown silt	70		
80				@ 61 - 75 black with olive brown mottling	80		
90				@ 79 1" stick	90		
				@ 87 root			
				Core ends at 97.3 cm			

Sediment Core Processing Log

Job: LOW AOC SMR Phase 1

Location ID: SC1094

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 11/10/23 1251

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.19 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 79.8%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-97.2 SILT (ML) soft, wet, black, non-plastic @ 0-97.2 dark gray mottling	10		
20				@ 19 shell hash	20		
30				@ 21-28 lens of olive gray silt	30		
40				@ 33 lens of olive gray silt	40		
50				@ 52 4" long root	50		
60				@ 55-59 trace shell hash	60		
70				@ 69-73 density changes to medium stiff	70		
80				@ 82-85 fine sand lens	80		
90				@ 87-91 fine sand lens with wood fragments	90		
100					100		

SC1094

47.9cm

end of core @ 97.2

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1095



Job No. 210075.01.02

Collection Date/Time: 11/16/23 0942

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.89 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.3 %

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-75	5	95		<u>SILT (ML)</u> Soft, blackish gray, wet, non-plastic, grades finer with depth			
				@ 27 wood fragment 3"			
				@ 30, 37, 51 gray silt clasts up to 2cm			
75-88.1				poorly graded SAND (SP) loose, wet	57.8cm		
				wood fragments present			
88.1				end of core @ 88.1			

Sediment Core Processing Log						ANCHOR OEA	
Job: <u>LOW ADVIS MR Phase 1</u>				Location ID: <u>SC1096</u>			
Job No. <u>210075.01.02</u>				Collection Date/Time: <u>1/10/23 1524</u>			
No. of Sections: <u>1</u>				Core Logged By: <u>LVB</u>			
Penetration Depth: <u>4.00</u> (ft)				Attempt #: <u>4</u>			
Processing Recovery Depth: <u>3.01</u> (ft)				Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core			
Adjusted Recovery Percentage: <u>75.3%</u>				Diameter of Core (inches) <u>4.00</u>			
Notes:				Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed			
Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40 50 60 70 80 90		5	95	<u>0 - 91.7 cm: SILT (ML), black/olive brown mottling, soft, wet, non-plastic.</u> <u>95% fine 5% fine sand</u> <u>@ 4 biota</u>	10 20 30 40 50 60 70 80 90	SC1096 45.2 cm	 core ends at 91.7 cm

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Location ID: IT 1097

Job No. 210075.01.02

Collection Date/Time: 11/11/23 1132

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 2.00 (ft)

Attempt #: 1

Processing Recovery Depth: 1.32 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 66.0%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-17cm	30	60	10	0-17cm Poorly graded SAND (SP) dark gray, loose Wet ① 0-17cm gravel chunks of sub-rounded Angular variety up to 4" long	0-17cm	IT 1097	
17-29cm	10	90	0	17-29cm SILT (ML) black, soft, wet, non-plastic ① 17-29 woody fibers in abundance ② 24-29 pocket of silty sand, olive gray gravel up to 1" Angular & sub-rounded	17-29cm		
29-40.2cm	10	70	20	29-40.2cm well graded silty SAND w/ gravel (SW-SM) olive gray, loose, wet up to 1/2" inch gravel	29-40.2cm		
				end of core @ 40.2			

Sediment Core Processing Log



Job: AOLSLDW MR Ph. 1
 Job No. 210678.01.02
 No. of Sections: 1
 Penetration Depth: 3.00 (ft)
 Processing Recovery Depth: 2.82 (ft)
 Adjusted Recovery Percentage: 94.01
 Notes:

Location ID: SC1098
 Collection Date/Time: 4/11/23 0930
 Core Logged By: CC/LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		15	85	SC1098 SILT (ML) with fine sand. wet, dark grey, soft, nonplastic. @0-28 frequent rootlets / org. fibers.	10		
20					20		
30					30		
40				@39 7cm wood fragment @39 2cm lens of very small shell fragments + leaf litter.	40		
50					50		
60				@52 2cm thin plastic piece @56 scattered wood fragments @61 1.5cm shell fragment @61 subrounded rock 1cm @63 near and below grading becomes red-coarse @65 1/2cm shell fragment	60		
70					70		
80					80		
90				End of core 86.0	90		

SC1098
cut @
56.4cm

Sediment Core Processing Log



Job: ADC5 MR Phase 1
 Job No. _____
 No. of Sections: 1
 Penetration Depth: 2.50 (ft)
 Processing Recovery Depth: 2.31 (ft)
 Adjusted Recovery Percentage: 92.4 %
 Notes: _____

Location ID: SC1099
 Collection Date/Time: 4/11/23 1020
 Core Logged By: LVB CC
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0-61 cm, SILT (ML), v. dark grey, soft, wet, non-plastic 90% fine, 10% fine sand @ 12-46 scattered organic fibers	10		
20					20		
30					30		
40				@ 33 2 cm lens of fine + medium grained Sandy silt	40		
50				@ 40 14 cm lens of fine + medium grained Sandy silt	50		
60					60		
70				61-70.4 cm, SILT (ML), v. dark grey, soft, wet, non-plastic 80% fine, 20% sand (medium to coarse sand)	70		
80				core ends at 70.4 cm			

Sediment Core Processing Log		ANCHOR	
Job: LDW ADCS MR Phase 1	Location ID: SC1100	QEA	
Job No. 210075.01.02	Collection Date/Time: 1/10/23 1353		
No. of Sections: 1	Core Logged By: LVB		
Penetration Depth: 4.00 (ft)	Attempt #: 1		
Processing Recovery Depth: 3.47 (ft)	Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core		
Adjusted Recovery Percentage: 86.8%	Diameter of Core (inches) 4.00		
Notes:	Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed		

Location ID: SC1100 QEA

Collection Date/Time: 11/10/23 1353

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Dive

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Dis

Page 1 of 1

Sediment Core Processing Log



Job: LDWAOCs MR Phase 1

Location ID: SC1101

Job No. 210075-0102

Collection Date/Time: 1/10/23 1413

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.87 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.8%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-64	10	90		SILT (ML) black, wet, soft, non-plastic ① 3 2" long sub-rounded rock ① 21, 38 rootlets ① 30-36 lens of medium black sand & fine silt ① 0-38 olive brown mottling ① 46 clast of sandy silt ① 57 1" long twig ① 53-59 lens of black medium size grain sand	0-64		
66-100	30	10		poorly graded sand (SP) black, loose, wet fine to medium grains ① 93 plastic 3/4" long ① 96 1 1/2" long shell fragment	66-100		
104-106	10	30		SILT (ML) dark gray, medium stiff, wet, ① 104 intact shell 1" long, shell fragments up to 1/2" long ① 103 shell, 1 1/2" long	104-106		
108.0				end of core ① 108.0	108.0		

Sediment Core Processing Log



Job: AOX5 MR Phase1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 3.50 (ft)
 Processing Recovery Depth: 3.64 (ft)
 Adjusted Recovery Percentage: 100.0%
 Notes:

Location ID: SC1102
 Collection Date/Time: 4/11/23 1149
 Core Logged By: CC/LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		20	80	SILT (ALL) with fine sand wet, dark blackish grey, soft, nonplastic. Sand % decreases with depth to 10% sand, 90% silt. @20-55 dark grey with olive grey mottling. @55 3cm wood fragment @83 4cm stick @95-100 scattered rootlets End of core 110.9	20 40 60 80 100 120	SC1102 cut @ 60.0cm	

Sediment Core Processing Log

Job: LOW AOC5 ME Phase 1

Location ID: SC1103

ANCHOR
QEA

Job No. 210075-0102

Collection Date/Time: 11/10/23 1323

No. of Sections: 1

Core Logged By: CC / TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.29 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 82.3 %

Diameter of Core (inches) 4"

Notes: easy drive.

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-100.3 SILT (ML): wet, black, soft, non-plastic. @55 1m organic fiber — end of core 100.3	20 40 60 80 100 120	SC1103 49.4 cm	

Sediment Core Processing Log

Job: LDW AOC5 mEPHase 1

Job No. 210075 0102

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.96 (ft)

Adjusted Recovery Percentage: 99.0 %

Notes:

Location ID: SC1104

Collection Date/Time: 3/3/23 1624

Core Logged By: LDW & CC

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120 140		5	95	0-120.7 cm, SILT (ML), v. dark grey Soft, wet, non-plastic 95% fine 5% fine sand 0-50. Scattered rootlets core ends at 120.7 cm	20 40 60 80 100 120 140	SC1104 59.4 cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1106

Job No. 210075.01.02

Collection Date/Time: 3/31/23 0932

No. of Sections: 1

Core Logged By: ZUB, CC

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.32 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.0%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0 - 101.2 cm: SILT (ML), U. dark grey Soft, non-plastic, 75% fine, 5% fine sand e 31 1" stick @ 40, 80 rootlet @ 46 - 70 medium dense SILT @ 58 1/4" shell fragment @ 78 - 101.2 increasing amount of sand towards the bottom ending with 90% fine, 10% fine sand Core ends at 101.2 cm	20	SC1106	▲ ~ c ~
40					40		
60					60		
80					80		
100					100		
120					120		

Sediment Core Processing Log

Job: LOW Area 5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.24 (ft)

Adjusted Recovery Percentage: 81.0%

Notes:

Location ID: SC1107

Collection Date/Time: 3/3/23 0858

Core Logged By: CC/LVR

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100		5	95	0 - 98.8 SILT (MC) wet, dark blackish grey, soft, non plastic. @ 1 biota (worm) @ 4 rootlet @ 5 1/2" subangular rock End of core @ 98.8 cm	20 40 60 80 100	SC1107 48.6 cm	

Sediment Core Processing Log

ANCHOR
QEA

Job: LDW AOC5 MR Phase 1

Location ID: SC1108

Job No. 210075-01-02

Collection Date/Time: 1/16/23 0810

No. of Sections: _____

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.38 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 84.5%

Diameter of Core (inches) 4

Notes: _____

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-103 SILT (ML) black, soft, wet, non-plastic	0		
10					10		
20					20		
30					30		
40					40		
50				@ 49 twig 1"	50		
60				@ 54 shell fragments up to 1/2"	60		
70					70		
80				@ 77 shell fragment 2"	80		
90				@ 89 sub-rounded rock 2", wood fragment 2"	90		
100				@ 100-103 moderate wood fragments up to 2"	100		
110					110		

Sediment Core Processing Log



Job: LOW ADCS MR Phase 1

Location ID: SC1109

Job No. 210075.01.02

Collection Date/Time: 1/5/23 1446

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 8.00 (ft)

Attempt #: 1

Processing Recovery Depth: 6.10 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 76.3%

Diameter of Core (inches) 4"

Notes: easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	D-69cm - SILT (ML), black, soft, wet, non plastic @2cm - pink worm	20	-18.2ft MCLW	
40				@52cm - wood frag.	40	SC1109A (shut)	
60				@60cm - 1/2" shell frag.	60	41.9cm -20ft MCLW	
80				@65-99cm - olive gray	80	SC1109B	
100		40	60	69-185.9cm - Interbedded SANDY SILT (ML) dark gray, m. stiff, wet, non plastic, fine grained sand and gray SILTY SAND (SM), m. dense, wet, fine grained, non plastic fines, beds ~4-8" thick	100	87.7cm -22ft MCLW	
120				@69-70cm - lens of decomposing leaves and twigs	120	SC1109C	
140				@82-115cm - decomposing wood chunks up to 3", moderate H ₂ S-like odor	140	133.5cm -24ft MCLW	
160				@123-126, 144-147cm - packets of rootlets	160		
180				@154cm - 1/2" wood frag.	180		
200				@166-195.9cm gray sand with silt lens, fine grained	200		
				End of Core @185.9cm			

Sediment Core Processing Log



Job: LDW AOC Sme Phase 1

Location ID: SC1111

Job No. 210075.01.02

Collection Date/Time: 3/3/23 1435

No. of Sections: 1

Core Logged By: CC/2VB

Penetration Depth: 5.00 (ft)

Attempt #: 1

Processing Recovery Depth: 4.50 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.0%

Diameter of Core (inches) 4.88

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		15	85	0-137.2 SILT (ML) soft, wet, dark blackish grey, non plastic	0		
20				@ 0-51 abundant leaf litter	20		
40				@ 43-45 lens of leaf litter	40		
60					60	SC1111	
80				@ 70 thin wood fragment 1"	80	54.0cm	
100				@ 86 1.5" yellow plastic chunk	100		
120				@ 82-87 lens of white sand	120		
140				@ 98-108 "	140		
				@ 105-107 "			
				@ 109-110 "			
		5	95	@ 111 and below: grading changes and color becomes olive grey			
				end core 137.2			

Sediment Core Processing Log

Job: LOW AOC SMR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.50 (ft)

Processing Recovery Depth: 4.26 (ft)

Adjusted Recovery Percentage: 94.7%

Notes:

Location ID: IT1114

Collection Date/Time: 1/16/23 0842

Core Logged By: S. Sidwell

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-20		95	5	(0-129.8) <u>SILT (ML)</u> : soft to medium stiff, moist, dark grey, non-plastic, fine grained sand. @0-8: fine sub rounded gravel (up to 1/2") @61-69: abundant wood shreds/fibers. slight hydrocarbon-like odor, trace sheen florets @76-122: interbedded silt, silty sand (sm) lenses, approx 1-3 cm, med dense/med stiff, moist, dark grey @122-129.8) <u>SILTY SAND (SM)</u> medium dense, saturated, dark grey, fine grained sand @121-129.8: 9" wood fragment END OF CORE @ 129.8cm	0-20	IT1114	60 60 60
20-40					40		
40-60					60	42.6cm	wood
60-80					80		
80-100					100		
100-120		60	40		120		
120-140					140		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1115



Job No. 210073-01-02

Collection Date/Time: 1/16/23 0828

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.26 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 81.5 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-99.4 cm: SILT (ML), black, soft, wet, non-plastic. 75% fine, 5% fine sand @ 6, 20, 53, 71.96 stills up to 2" long @ 17 biota @ 44 rootlet @ 64 1/2" shell fragment core ends at 99.4 cm	0		
10					10		
20					20		
30					30		
40					40		
50					50		
60					60		
70					70		
80					80		
90					90		

Sediment Core Processing Log

Job: LDW AOC S MR Phase 1

Location ID: SC 1117

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 11/01/23 1135

No. of Sections: 1

Core Logged By: CVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.44 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 86.0 %

Diameter of Core (inches) 4.0

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0 20 40 60 80 100 120		5	95	0-104.9 cm: SILT (ML), black, soft, wet, non-plastic. 95% fine, 5% fine sand olive green color above 40 cm @ 0-13 scattered moderate organic fibres up to 2" long @ 19.21.23 biota @ 55, 61, 62, 93 rootlets @ 92 3" pocket of organic material up to 2" long core ends at 104.9 cm	0 20 40 60 80 100 120	SC 1117 51.6 cm	

Sediment Core Processing Log

Job: LDW-1065 NR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 2.50 (ft)
 Processing Recovery Depth: 2.36 (ft)
 Adjusted Recovery Percentage: 94.4%
 Notes:

Location ID: SC1118
 Collection Date/Time: 3/3/23 1148
 Core Logged By: CCILVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		15	85	0-71.9 SILT (ML) and fine sand. wet, dark blackish gray, soft, nonplastic.	10		
20				@26 1.5" metal strip with red color paint/coating.	20		
30				@26-71.9 abundant shells up to 2" long	30		
40				@47 3" x 3/4" metal strip with barnacles attached.	40	SC1118	
50				@38, 45, 57 1.5" thin sticks	50		
60				@40 2" wood chunk	60	56.6 cm	
70				@67 2" wood chunk	70		
80				@48-65 scattered rootlets	80		
				End of core 71.9			

Sediment Core Processing Log

Job: LAWAOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.26 (ft)

Adjusted Recovery Percentage: 81.5%

Notes:

Location ID: IT1120

Collection Date/Time: 11/6/23 0857

Core Logged By: TAICE

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00 in

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-10	35	60	5	0-10cm SAND (SW) well-graded with abundant gravel up to 1"	0-10		
10-20	5	95		@3 1.5" subrounded rock	10-20		
20-30				10-99.4 SILT (ML) wet, black, soft, non-plastic with dark grey mottling throughout.	20-30		
30-40				95% silt, 5% sand.	30-40		
40-50				@31-38 lense of medium-grain sand	40-50		
50-60					50-60		
60-70				@57-60 lense of fine-grain sand	60-70		
70-80					70-80		
80-90				@84-87 lense of organic material	80-90		
90-100				@92-94 lense of olive-grey silt	90-100		
				@98 2" pocket of medium-grain sand			

End of core @ 99.4cm

Sediment Core Processing Log

ANCHOR

QEA

Job: At. LDW AOC5 MR Phase 1

Location ID: SC1122

Job No. 210075.01.02

Collection Date/Time: 11/18/23 1039

No. of Sections: 1

Core Logged By: LB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.68 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.0 %

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-112.2	5	95	95	0-112.2 cm SILTCLAY soft, wet, dark gray, non-plastic fine sand @ 0-60 grades higher concentration of finer sand 90/10 @ 35-40 pocket of silty sand @ 80-81 1cm thick lens of woody organic material @ 94-96 2cm thick lens of woody organic material end of core @ 112.2	0-112.2	SC1122	

Sediment Core Processing Log

Job: LDWAOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 8.00 (ft)

Processing Recovery Depth: 6.75 (ft)

Adjusted Recovery Percentage: 84.4%

Notes:

Location ID: SC1123

Collection Date/Time: 12/16/22 0819

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-205.7cm - SILT (ML), black, soft, wet, non plastic, dark gray mottling	30	17.4ft MLLW	
60				@38cm - roots	60	SC1123A (shovel)	
90				@66cm - black wood fibers, trace shell hash	90	66.8cm MLLW - 20ft	
120				@92-93cm - dark gray silty sand lens	120	SC1123B	
150				@141cm - branch, black wood fibers	150	117.4cm MLLW - 22ft	
180				@144-156cm - dark green gray silt	180	SC1123C	
210				@175cm - med. stiff below	210	168cm MLLW - 24ft	
240				@184cm - root	240		
				End of Core @ 205.7cm			

Sediment Core Processing Log

Job: LDWAOC S MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 5.00 (ft)

Processing Recovery Depth: 4.29 (ft)

Adjusted Recovery Percentage: 85.81

Notes:

Location ID: SC1125

Collection Date/Time: 11/9/23 1032

Core Logged By: CC/LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		10	90	0-130.8 SILT (ML) dark blackish grey with olive brown mottling throughout which increases with depth	30	SC1125	
60		5	95	@0-30 90% fines 10% fine sand	60	51.5cm	
90				@30-end 95% fines 5% fine sand	90		
120				@78 2" piece of wood	120		
150				@116 1" piece of wood	150		
				end 130.8			

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.10 (ft)

Adjusted Recovery Percentage: 77.5%

Notes:

Location ID: IT1127

Collection Date/Time: 11/7/23 1332

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100		5	95	<u>0-40cm SILT (ML)</u> Soft, wet, dark gray, non-plastic finer sand ① 0-8 olive brown w/ fine & medium sand	0-10 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100		
		30	70	<u>40-94.5 Interbedded SILT (ML)</u> Soft, wet gray, non-plastic and SAND, Loose, fine grain Strong H ₂ S odor, beds are 1" to 5" long ① 66-69 Lens of wood material ① 73-78 Lens of wood material ① 90-94.5 Lens of wood material end of core ① 94.5		34.9cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1128

Job No. 210075.01.02

Collection Date/Time: 11/7/23 0836

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.33 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.3 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-101.5 cm, SILT (ML), dark grey, soft, wet, non-plastic 95% fine 5% fine sand @ 15 organic fibres @ 28 2" stick @ 56 organic fibres @ 86 1" wood fragment Core ends at 101.5 cm	0		
20					20		
40					40		
60					60		
80					80		
100					100		
120					120		
140					140		

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Job No. 210045-01.02

No. of Sections: 1

Penetration Depth: 8.50 (ft)

Processing Recovery Depth: 9.24 (ft)

Adjusted Recovery Percentage: 96.9%

Notes:

Location ID: SC1130

Collection Date/Time: 12/15/22 1342

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-251.2 cm - SILT (ML), black, soft, wet, non plastic	18.0 ft		
60				@20cm - root	30	SC1130A	
90				@42-43cm - black silty sand lens		(Sheal)	
120				@90-99cm - olive gray silt	60	59.1cm	
150				@94cm - pocket of leaves and twigs		20.0 ft	
180				@104cm - twig	90	MLW	
210				@129cm - wood frags.		SC1130B	
240				@155cm - 1 1/4" angular gravel	120	117.2cm	
270				@159-168cm - olive gray silt		22.0 ft	
300				@186cm - branch	150	MLW	
				@192-211cm - green gray very soft silt lens		SC1130C	
				@222cm - med. stiff below	180	175.3cm	
						24.0 ft	
					210	MLW	
					240		
					270		
					300		
				End of Core @ 251.2cm			

Sediment Core Processing Log



Job: LDWAOC5 MR Phase 1

Location ID: SC1132

Job No. 210075.01.02

Collection Date/Time: 11/9/23 1046

No. of Sections: 1

Core Logged By: JH + TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.35 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.8 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-21.0 SILTCLAY, soft, wet, dark gray, no odor, no sheen	20	SC1132	
40				21.0-102.1 SILTCLAY, soft, wet, dark gray with 30% olive gray mottling, no odor, no sheen	40	50.3 cm	
60					60		
80					80		
100					100		
120					120		

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: IT1133

Job No. 210075.01.02

Collection Date/Time: 11/8/23 1113

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 2.02 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 80.8%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		95	5	0-42 cm. SAND (SP), dark grey, loose, wet. 95% fine sand, 5% fine poorly graded. Occasional mica flecks.	10		
20				@ 0-12 cm higher silt content 85% fine sand 15% fine	20	IT1133	
30				@ 12-17 5 cm lens very dark grey gravel and sand	30		
40				@ 16 2" composite	40	36.4 cm	
50				@ 16 biota	50		
60				@ 23, 30 subrounded rocks up to 1"	60		
70				@ 37 1/4" subrounded rock	70		
				@ 42 - 61.6 gravelly sandy silt, dark grey, soft, wet, non-plastic. 15% gravel subrounded up to 1.5" 30% fine sand, 55% fine abundant wood fragments throughout up to 3" long Core ends at 61.6 cm			

Sediment Core Processing Log

Job: LDW AOC5MR Phase 1

Job No. 210075-01.02

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 1.87 (ft)

Adjusted Recovery Percentage: 74.8 %

Notes:

Location ID: IT1135

Collection Date/Time: 11/18/23 1423

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		75	25	0-57.0 cm: SAND (SP), brown with orange mottling, loose, wet 25 % fine 75 % fine sand, poorly graded @ 14-17 scattered root fragments	10		
20					20		
30					30		
40				@ 35 scattered wood fragments up to 2" long	40		
50					50		
60				core ends at 57.0 cm	60		
70					70		

Sediment Core Processing Log



Job: LDWAOC5 MR Phase 1

Location ID: IT 71136

Job No. 210075.01.02

Collection Date/Time: 1/18/23 0828

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.84 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 71.0 %

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		95	5	Well graded SAND(SW) loose, Red-Brown, wet			
20				@ 8-10 gravel up to 1/2" present			
30							
40							
50							
60							
70							
80							
90				end of core @ 86.6			

Sediment Core Processing Log

Job: LDW AACS MR Phase 1

Location ID: SC1137

ANCHOR
QEA

Job No. 210075.01.02

Collection Date/Time: 12/14/22 0945

No. of Sections: 1

Core Logged By: J. V. Light

Penetration Depth: 9.00 (ft)

Attempt #: 1

Processing Recovery Depth: 8.12 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.2%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-247.5cm - SILT (ML), black, soft, wet, non plastic @20cm - 1 1/2" muscle shell half	30	MLLW-15.8 ft SC1137A (Sheet)	
60				@69-74cm - 2" pocket of brown silt, roots	60	57.7 cm MLLW-15.8 ft -17.9 ft	
90				@120-201cm - black/dark gray mottling	90	SC1137B (Sheet)	
120				@179-217cm - roots	120	115.4 cm MLLW-20 ft	
150				@215cm - medium stiff and low plasticity below	150	SC1137C	
180					180	169.5 cm MLLW-20 ft	
210					210	SC1137D	
240					240	223.6 cm MLLW-20 ft	
270				End of Core @247.5cm	270		
300					300		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1139



Job No. 210075.0102

Collection Date/Time: 11/10/23 1010

No. of Sections: 1

Core Logged By: CC

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.41 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 85.3%

Diameter of Core (inches) 4.00

Notes: easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-103.9 SILT (MC) wet, black, soft, non-plastic, with dark grey mottling throughout @12 biota (worm) @72 1/2 in shell fragment @86 small organic fibers end of core 103.9 cm	20 40 60 80 100 120	SC1139 51.2cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 2.00 (ft)
 Processing Recovery Depth: 1.65 (ft)
 Adjusted Recovery Percentage: 82.5%
 Notes:

Location ID: IT1140
 Collection Date/Time: 11/18/23 1447
 Core Logged By: TA
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-50.3		95	5	0-50.3cm SILTY SAND (S.M.) Loose, wet, gray (a) 0-13cm orange brown sand with small gravel up to 1/4" long (a) 21cm 1/2" long wood fragment (a) 41cm 1cm clasts of olive gray silt end of core @ 50.3	0-50.3	IT1140	

Sediment Core Processing Log

Job: LOW AOS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 2.08 (ft)

Adjusted Recovery Percentage: 83.2%

Notes:

Location ID: IT1141

Collection Date/Time: 11/18/23 1103

Core Logged By: SWH

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		40	60	0-37 cm, SILT (ML) dark grey, soft, wet, non-plastic 60% fine 40% fine sand @ 7 1/2" lens of 1/2" gravel	0		
20					20		
30					30		
40		40	60	37.0-57 cm SILTY SAND (SP-SM), dark grey, loose, wet. Sand percentage increase with depth	40		
50				@ 51-63.4 subrounded gravel ≤ 2"	50		
60				53 - 2 x 2" aggregate (asphalt-like)	60		
60	95	5		57-63.4 SAND (SP), dark gray, loose wet	60		
70				63.4 core ends at 63.4 cm	70		

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Location ID: IT1142

Collection Date/Time: 1/18/23 0847

Core Logged By: LVB

Attempt #: /

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page / of 1

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075:01-02

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 8.65 (ft)

Adjusted Recovery Percentage: 86.5%

Notes:

Location ID: SC1143

Collection Date/Time: 12/15/22 1307

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-263.7cm - SILT(ML), black, soft, wet, nonplastic @ 0-64cm - black/dark gray mottling @ 35, 43, 80cm - roots @ 78cm - branch	30	~11.9 ft mclw SC1143A (shovel)	~
60					60	~7.2cm ~17.5 ft mclw	~
90					90	SC1143B (shovel)	~
120					120	134.4cm ~20 ft mclw	~
150					150	SC1143C	~
180				@ 197-200cm - olive gray silt lens, roots	180	186.3cm ~22 ft mclw	~ ~ ~
210					210	SC1143D	~
240				@ 240-263.7cm - low plasticity @ 247cm - roots	240	238.2cm ~24 ft mclw	~
270				End of Core @ 263.7cm	270		
300					300		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.55 (ft)

Adjusted Recovery Percentage: 88.8%

Notes: easy drive

Location ID: SC1145

Collection Date/Time: 11/20/23 0939

Core Logged By: CC/TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-108.2 SILT (ML): soft, wet, black, non-plastic silt with dark grey mottling throughout @ 5 small wood fibers @ 32-34 lens of fine sand @ 73 2 in root @ 73-108.2 density changes to medium-stiff. End of core 108.2	20 40 60 80 100 120	SC1145 53.3cm	

Sediment Core Processing Log



Job: LOW AOLS MR Phase 1

Location ID: IT1148

Job No. 210075.01.02

Collection Date/Time: 11/16/23 1444

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 2.00 (ft)

Attempt #: 1

Processing Recovery Depth: 1.35 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 67.5%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		95	5	0-41.1 poorly Graded SAND(SP) @9 silt + clast 1/4" @10, 1 1/4" sub-rounded rock @17-24 gray sand lens @19 gray silt clast @28-41.4 gray sand present	10		
20					20		
30					30		
40					40		
50				End of core @ 41.1			

IT1148

30.4cm

Sediment Core Processing Log

Job: LOW AOC 5 MR Phase 1

Job No. 210075.0102

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.75 (ft)

Adjusted Recovery Percentage: 97.7%

Notes:

Location ID: SC1150

Collection Date/Time: 12/14/22 0903

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-327.7 - SILT (ML), black, soft, wet, non plastic 0-64cm - black sandy silt layer	0		
20					20		
40					40	SC1150A (shoal)	
60					60		
80				@72, 135-138, 154-157cm - roots	80		
100				@86-102cm - dark gray silty sand lens, medium grained	100	83.8cm MLW-1725ft	
120				@95cm - 1 1/2" amber glass shard	120		
140					140	SC1150B (shoal)	
160					160		
180					180		
200				@194cm - pocket of black wood fibers	200	1167.6cm MLW-20ft	

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1150



Job No. 210075.01.02

Collection Date/Time: 12/14/22 0903

No. of Sections: 1

Core Logged By: J. Ught

Penetration Depth: 11.00

(ft)

Attempt #: 1

Processing Recovery Depth: 10.75

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.7%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200	SC1150C	
220					220		
240				@242-249cm - olive gray silt lens	240	226.2cm MLLW - 22ft	
260				@257, 264cm - roots	260	SC1150D	
280				@279-296cm - black/dark gray mottling	280		
300				@310-327.7cm - light gray, low plasticity	300	284.8cm MLLW - 24ft	
320					320		
340				End of Core @ 327.7cm	340		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075-0102

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.72 (ft)

Adjusted Recovery Percentage: 93.0

Notes:

Location ID: SC 1151

Collection Date/Time: 11/01/23 0907

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-113.4 cm: SILT (ML), dark grey with olive brown mottling, soft, wet, non-plastic 95% fine 5% fine sand @ 9 1/2" stick @ 13 live worm @ 28 1/4" wood fragment @ 52-58 few rootlets @ 62 1" wood fragment @ 93 1/2" wood fragment @ 94 tiny (<1/4") shell fragment core ends 113.4 cm	20 40 60 80 100 120	SC 1151 55.8 cm	

Sediment Core Processing Log



Job: LOW AOC SMR Phase 1

Location ID: SC1152

Job No. 2100 FS. 01.02

Collection Date/Time: 11/5/23 1410

No. of Sections: 1

Core Logged By: R. Crowley

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.85 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 71.3%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-86.9 cm - SILT (ML), black, soft, wet, non-plastic	10	SC1152	
20					20		
30					30		
40				0-40 cm - dark olive grey silt	40		
50					50		
60					60		
70				70+ below - black w/ dark olive mottling	70		
80					80		
90				end of sample @ 86.9	90		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No.: 210075-01.07

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.30 (ft)

Adjusted Recovery Percentage: 82.5%

Notes:

Location ID: SC1153

Collection Date/Time: 1/5/23 0938

Core Logged By: TAKK

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-100.6cm SILT (ML) Black, Soft, Wet, non-plastic			
20				@ 15 small stick			
30				@ 20 intact shell 2 inches			
40							
50				@ 49 shell fragment 1/2"			
60				@ 52-68 black and dark gray mottling			
70				@ 61 Barnacle			
80							
90				@ 85 root piece			
100							

100.6

end of core @ 100.6

Page 1 of 1

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075-01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.68 (ft)

Adjusted Recovery Percentage: 84.0

Notes: hit refusal

Location ID: IT1154

Collection Date/Time: 1/4/23 1543

Core Logged By: LVB

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-51.2 cm SILT (ML), Olive with grey mottling, soft, non-plastic 95% fine, 5% fine sand @ 13 1" narrow piece of glass @ 14 1" wood debris	0		
10					10		
20					20		
30					30		
40					40		
50				@ 48 1.5" wood debris	50		
60				Core ends 51.2 cm	60		

IT1154

37.8 cm

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.78 (ft)
 Adjusted Recovery Percentage: 94.5%
 Notes:

Location ID: SC1155  **ANCHOR**
 Collection Date/Time: 11/7/23 1406 **QEA**
 Core Logged By: LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				0-57cm: SILT (ML), dark grey, soft, wet, non-plastic 90% silt 10% fine sand @ 0 rootlet	0		
20					20		
40				@ 34 1/4" lens dark grey silty sand	40		
60				@ 39 3" stick	60		
80				@ 41 1/2" lens silty sand	80		
100				@ 57-115.2 interbedded dark grey silty sand and a sand, dark grey, fine to medium grains	100		
120				@ 90 3" stick	120		
				core ends at 115.2 cm			

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: SC1156

Job No. 210075.01.02

Collection Date/Time: 12/14/22 10:41

No. of Sections: 1

Core Logged By: J. Ught

Penetration Depth: 8.00 (ft)

Attempt #: 1

Processing Recovery Depth: 7.79 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.4%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		95	5	0-237.4cm - SILT (ML), black, soft, wet, non plastic @18cm - leaf @29, 40cm - wood frags. @70cm - black rootlets @104-111cm - dark gray fine to medium sand with silt lens @109cm - 1 1/2" gravel @126-127, 130-131, 191-192cm - dark gray fine to medium sand with silt lenses @162cm - black wood fibers @163-199cm - green gray silt lens @200cm - medium stiff below @231-237cm - wood fragments, fibers End of Core @ 237.4cm	30	-17.3ft MLLW SC1156A (shovel)	
60					60		
90					90	80.2cm MLLW - soft	
120					120	SC1156B	
150					150	136.6cm MLLW - soft	
180					180	SC1156C	
210					210	197.0cm MLLW - 24ft	
240					240		
270					270		
300					300		

Sediment Core Processing Log



Job: LOW M2 ADCS MR Phase 1

Location ID: SC1158

Job No. 210075-01.02

Collection Date/Time: 11/10/23 0833

No. of Sections: 1

Core Logged By: CC/LBV

Penetration Depth: 4.50 (ft)

Attempt #: 1

Processing Recovery Depth: 4.37 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.1%

Diameter of Core (inches) 4"

Notes: easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120 140		5	95	0-133.2 SILT (ML) soft, wet, black, non-plastic @40-133.2 dark grey mottling @57 pocket of woody fragments < 1/2 in in length @72 wood fragment 1" @83 organic fibers and sticks up to 1/2 in length @103 3m subrounded rock @105-109 light grey pocket of silt with sand (well-graded) with gravel up to 1/2 in @108 shell fragment 2 in @127 several rootlets	20 40 60 80 100 120 140	SC1158 58.3cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.57 (ft)

Adjusted Recovery Percentage: 89.3%

Notes:

Location ID: SC1159

Collection Date/Time: 1/16/23 1420

Core Logged By: CC/RC

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00 in

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-108.8 SILT (ML): wet, dark black-ish grey, soft, nonplastic, with fine sand. @12, 32, 80, 90 small wood fragments up to 1/2 in @29 1" shell @54 1" shell @unknown depth between 0 and 54: 1" piece of copper-colored wire @59: 1" wood fragment @54 several small wood fragments @82 Two 1" shells End of core @108.8	20 40 60 80 100 120	SC1159 53.6cm	

Sediment Core Processing Log

Job: LOWAOC5MRPhase1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.67 (ft)

Adjusted Recovery Percentage: 83.3 %

Notes:

Location ID: IT1160

Collection Date/Time: 11/5/23 1353

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.0

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-50.9 cm SILT (ML), black, soft, wet, non-plastic. 95% fine, 5% fine sand @ 5 entirely closed bivalves (2) 1.5" @ 5-7 scattered roots @ 12 live worm @ 18 1" shell @ 20 thin 3" twigs (2) @ 33-35 scattered roots and woody fragments @ 44 3/4" wood fragment Core ends at 50.9 cm	0		
10					10		
20					20		
30					30		
40					40		
50					50		
60					60		
70							
80							

IT1160

37.6 cm

Sediment Core Processing Log



Job: LDW ADCS MR Phase 1

Location ID: SC1161

Job No. 210075.01.02

Collection Date/Time: 11/7/23 1418

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.35 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.8%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-70		10	90	0-70 cm: SILT (ML), dark grey, soft, wet, non-plastic 90% fine, 10 fine sand @ 15 rootlet @ 16 1/2" clast olive brown silt @ 37 lens 3.5" dark grey silty sand @ 39 1" subrounded rock @ 51-70 medium stiff silt	0-70		
70-102.1	5	90	5	@ 70 - 102.1, SAND (SW) well graded dark grey, with gravel, loose, wet, fine to coarse grains multi-colored grains subangular gravel up to 3/4" @ 73, 86 roots core ends at 102.1 cm	70-102.1		

Sediment Core Processing Log

Job: LDW AOCs MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 8.76 (ft)

Adjusted Recovery Percentage: 97.3%

Notes:

Location ID: SC1162

Collection Date/Time: 11/7/23 1437

Core Logged By: J. Ugh

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		10	90	0-267cm - SILT with SAND (ML), black, soft, wet, nonplastic, fine grained sand @4, 10cm - branches @31cm - branch @59, 95, 106cm - roots @97cm - 1" wood frag. @107cm - olive gray mottling below @119-130cm - green gray silt lens @190cm - root @227cm - med. stiff and olive gray below @241cm - roots @262-267cm - wood frags, roots, branches End of Core @ 267cm	30	-18.4 ft mllw SC1162A	~
60					60	47.5cm -20 mllw ft. SC1162B	~
90					90		~
120					120	106.9cm mllw -22 ft SC1162C	~
150					150		~
180					180	166.3cm mllw -24 ft	~
210					210		~
240					240		~
270					270		~
300					300		~

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1
 Job No. 210075.0102
 No. of Sections: 1
 Penetration Depth: 4.50 (ft)
 Processing Recovery Depth: 4.28 (ft)
 Adjusted Recovery Percentage: 95.1%
 Notes:

Location ID: SC1164
 Collection Date/Time: 11/01/23 0805
 Core Logged By: HS
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-130.5 Silt (mL) black, wet, non plastic no sheen, moderate H ₂ S like odor Grey mottling throughout @ 5 biota	20	SC1164	S
40				@ 53-54 moderate gravel ~.5-2 in	40		
60				@ 72 roots	60	57.1cm	
80				@ 87 Sand (M) pocket	80		
100				@ 89 Sub-angular rock	100		
120					120		
140				End of core @ 130.5	140		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1165

Job No. 210075.01.02

Collection Date/Time: 1/15/23 1021

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 3.00 (ft)

Attempt #: 2

Processing Recovery Depth: 2.47 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 82.3 %

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-75.3	5	95		0-75.3cm SILT (ML) black, soft, wet, non-plastic ① 0-18cm dark gray silty sand lens ① 0-27cm shell hash, occasionally ① 16cm rounded gravel stone 1/2" ① 23cm Hard Plastic 2 inch long ① 25cm woody fibers & roots ① 28-31cm olive brown silt pocket ① 60-71cm black olive gray mottling ① 62-70cm trace shell hash ① 65cm trace woody fibers end of core ① 75.3	0-75.3	SC1165 49.4cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1169

Job No. 210075.01.02

Collection Date/Time: 11/7/23 1108

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 12.00 (ft)

Attempt #: 1

Processing Recovery Depth: 11.95 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 99.6%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0 - 361.2cm - SILT(MI), dark gray, soft, wet, non plastic	0	MLLW -15.5ft	
20				@32, 66, 85, 105, 129cm - roots	20		
40				@30cm - 1" amber glass shard	40	SC1169A	
60					60		
80					80	67.8cm MLLW -17.75ft	
100				@100cm - dark gray/olive gray mottling below	100	SC1169B	
120					120		
140					140	135.6cm MLLW -20ft	
160					160	SC1169C	
180				@185-200 - black wood frags, roots, slight H ₂ S-like odor	180		
200					200	145.9cm MLLW -32ft	

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 11.85 (ft)

Adjusted Recovery Percentage: 98.8%

Notes:

Location ID: SC1169

Collection Date/Time: 11/7/23 1108

Core Logged By: J. Ught

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200				@215-224cm - black wood frags, roots, slight H ₂ S-like odor	200		
220				@228cm - trace shell hash	220		
240					240		
260					260		
280				@294cm - roots	280		
300					300		
320				@328-330cm - gray silty sand lens, shell frags.	320		
340				@330-336cm - green gray silt lens	340		
360					360		
380					380		
400				End of Core @361.2cm	400		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1168

Job No. 210075.01.02

Collection Date/Time: 11/17/23 1151

No. of Sections: 1

Core Logged By: HS/SL

Penetration Depth: 400' (ft)

Attempt #: 1

Processing Recovery Depth: 3.79' (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 94.8%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20				0-60 Silt w/ Sand (ml) dark grey, soft, wet, non plastic no sheen, no odor	20		
40				@ 20 biota (worm)	40		
60				@ 38-43 occasionally wood fragments	60		
80				@ 40 whole shell ~ 1 inch	80		
100				60-115.5 Interbedded silt (ml), dark grey med. stiff, wet, non plastic and silty sand (sm), olive brown poorly graded (f-m) loose wet, non plastic beds ~ 2-5" thick	100		
120				@ 73 root	120		
				@ 80-90 frequent shell fragments			
				@ 86 whole shell ~ 2"			
				@ 88 wood chuck ~ 4" long			
				End of core @ 115.5			

Sediment Core Processing Log

Job: LDW ACS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 6.87 (ft)

Adjusted Recovery Percentage: 98.1%

Notes:

Location ID: SC1170

Collection Date/Time: 11/7/23 1033

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-209.4cm - SILT(MI), dark gray, soft, wet, non plastic @10, 31, 52, 66cm - roots	30	MLLW -19.8ft SC1170A	~
60					60	65.8cm MLLW -22ft	~
90				@106cm - 1 1/2" pocket of olive gray sandy silt	90	SC1170B	~
120				@124cm - roots	120		~
150				@134-154cm - olive gray silt with sand layer	150	125.6cm MLLW -24ft	~
180				@140cm - med. stiff below	180		~
210				@165-170cm - black wood frags, roots	210		~
240				@185-209.4cm - olive gray silt with sand layer	240		~
270				End of Core @ 209.4cm	270		
300					300		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1171

Job No. 210075.01.02

Collection Date/Time: 11/12/23 1524

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 2

Processing Recovery Depth: 3.71 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.8%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-113.1cm		5	95	SILT (ML) Black, Soft, wet, non-plastic @ 13cm organic fibers @ 0-113.1cm black mottling	0-113.1cm	SC1171	
				@ 85 coarse Sand Lens		55.7cm	
				@ 102 medium grain Sand Lens			
				@ 103, 110 Sub-Angular Rocks			
				end of core @ 113.1			

Sediment Core Processing Log



Job: LDW AOC5 m Phase 1

Location ID: SC1473

Job No. 210075.01.02

Collection Date/Time: 11/5/23 1304p

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.71 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.3 %

Diameter of Core (inches)

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-82.6 cm SILT (ML) black, soft, wet, non-plastic	0		
10				@ 10-12 cm black, olive gray mottling	10		
20					20		
30					30		
40				@ 35 cm sub rounded 1" long gravel piece	40		
50				@ 41 cm sub rounded 1/2" long gravel piece	50		
60				@ 48 cm 3/4" long gravel piece	60		
70				@ 57 cm wood fragment 1" long	70		
80				@ 63 cm concrete piece 3" long	80		
				@ 65 cm concrete w/ barnacles 1" long			
				@ 75-82.6 roots & woody fibers			
90				end of core @ 82.6	90		

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: SC1176

Job No. 210075-01.02

Collection Date/Time: 11/7/23 1211

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 1.63 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 65.2%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5 10 15 20 25 30 35 40 45 50	10	80	10	0-49.7cm: gravelly SAND (SW-SM) yellow brown, loose, wet. 80% well graded sand, 10% fine, 10% gravel up to 1" sub angular to subrounded @ 0-17 well graded dark grey sand @ 4, 11 clasts. dark grey silt up to 1" @ 17 1cm lens dark grey silt Core ends at 49.7 cm	5 10 15 20 25 30 35 40 45 50	SC1176 39.1cm	

Sediment Core Processing Log



Job: LDW AICS MR Phase 1

Location ID: SC1177

Job No. 210075.01.02

Collection Date/Time: 12/14/22 0804

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 11.00 (ft)

Attempt #: 1

Processing Recovery Depth: 10.40 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 94.5%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-317cm - SILT(ML), black, soft, wet, non plastic @15-23cm - black silty sand lens, black rootlets, bark fragment @23-37cm - black/yellow gray mottling	0		
20					20		
40					40		
60					60		
80					80		
100					100		
120				@128, 137cm - roots	120		
140				@151 - 159cm - olive gray silt lens	140		
160					160		
180					180		
200					200		

SC1177A
(Shovel)

89.3cm
~16.9ft
mew

SC1177B
(Shovel)

178.6cm
~20.0ft mew

Sediment Core Processing Log



Job: LOW AOCs MR Phase 1

Location ID: SC1177

Job No. 210075.0102

Collection Date/Time: 12/14/22 0904

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 11.00 (ft)

Attempt #: 1

Processing Recovery Depth: 10.40 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 94.5%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200				@210-213cm - pocket of black wood fibers	200	SC1177C	
220					220		
240				@253, 264cm - wood chunks, roots	240	235.3cm -22.0ft MLW	
260					260		
280					280	SC1177D	
300					300	292.0cm -24.0ft MLW	
320				End of Core @ 317cm	320		
340					340		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1178



Job No. 210075.01.02

Collection Date/Time: 11/9/23 14:39

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 5.00 (ft)

Attempt #: 1

Processing Recovery Depth: 4.29 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 85.8%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		10	90	0-130.8 cm SILT (ML), black, Soft, Wet, non-plastic 90% fine, 10% fine sand @ 5 1" pocket, olive brown sandy silt @ 14 3" narrow pocket, olive brown Sandy silt @ 28 2" narrow stick @ 35-51 light grey and black mottling @ 51-130.8 black with light grey mottling @ 76 2" sub angular rock @ 88 4 cm lens, olive brown sandy silt @ 94 clumps of wood fibres @ 120 1/2" subrounded rock Core ended at 130.8 cm	0		
20					20		
40					40		
60					60		
80					80		
100					100		
120					120		
140					140		

SC1178

51.5 cm

Sediment Core Processing Log



Job: LDW ADCS MR Phase 1

Location ID: SC1179

Job No. 210075.01.02

Collection Date/Time: 11/5/23 1324

No. of Sections: 1

Core Logged By: H Sharkey

Penetration Depth: 4.00 ft (ft)

Attempt #: 3

Processing Recovery Depth: 3.55' (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 88.8%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-108.3 Silt (ML) black, soft, wet, no plasticity, no sheen, no odor	20		
40				@ 0-15 cm silt w/ sand	40		
60				@ 31, 49, 98 cm twigs	60		
80				@ 85 cm brown silt lense w/ angular flat rocks	80		
100				@ 105 cm shell	100		
120				End of core @ 108.3	120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.52 (ft)

Adjusted Recovery Percentage: 76.0 %

Notes:

Location ID: IT 1180

Collection Date/Time: 11/18/23 1314

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5	90	5		0-46.3cm well graded SAND(SW) loose, wet, gray-brown (a) 0-13 light brown SAND, abundant coarse grains (a) 0-5 gravel present up to 1" long (a) 10 3 1/2" long brick (a) 13-18 SILTY SAND Woody Lens, dark gray (a) 19-29 color change, Gray SAND, fine to medium grain, trace coarse (a) 28 Sub-rounded rock 3 1/2" long (a) 29-46.3 color change, gray-brown medium grain sand trace coarse grains	5		
10					10		
20					20		
30					30		
40					40		
50					50		
				end of core @ 46.3cm			

IT1180

34.2cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 2.01 (ft)

Adjusted Recovery Percentage: 80.4%

Notes:

Location ID: IT 1181

Collection Date/Time: 11/7/23 1231

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		90	10	0-61.3cm - POORLY GRADED SAND with SILT (sp-sm), brown, loose, wet, fine to med. grained, non plastic fines @10cm - black wood chunk 2.5" long @5-22cm - occasional black silt clasts up to 1" thick @13-18cm - orange @35cm - 1" wood frag, 1" subangular gravel @40cm - 1/4" brown silt clast @42cm - fine to coarse grained sand below	10	IT 1181 36.2 cm	
20					20		
30					30		
40					40		
50					50		
60					60		
70				End of Core @ 61.3cm	70		
80					80		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1183

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Job No. 2100 FS.01.02

Collection Date/Time: 12/14/22 1409

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 14.00 (ft)

Attempt #: 1

Processing Recovery Depth: 12.79 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.4%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-389.8cm - SILT (ML), black, soft, wet, non plastic	0	MLLW -10.7ft	
20					20		
40				@ 45, 97, 184cm - roots	40	SC1183A (shoal)	
60					60		
80					80		
100					100	86.4cm MLLW -13.8ft	
120				@ 128-129cm - black silty sand lens	120		
140				@ 142-144cm - green gray silt pocket	140	SC1183B (shoal)	
160				@ 152cm - 1 1/2" angular gravel wedge	160		
180				@ 160-175cm - black/dark gray mottling	180		
200					200	172.8cm MLLW -16.9ft	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 12.79 (ft)

Adjusted Recovery Percentage: 91.4%

Notes:

Location ID: SC 1183

Collection Date/Time: 12/14/22 1409

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
200					200		
220					220		
240				@ 240 cm - branches, roots	240	SC1183C (shot)	~ ~ ~
260				@ 263 cm - roots	260	259.2 cm MLLW -20 ft	~ ~
280					280		
300					300	SC1183D	
320				@ 334 cm - black wood fiber lens	320	314.0 cm MLLW -22 ft	~ ~ ~
340				@ 349-350 cm - dark gray silty sand lens	340		
360				@ 353 cm - roots	360	SC1183E	~ ~ ~
380					380		
400				End of core @ 389.8 cm	400	368.8 cm MLLW -24 ft	

Sediment Core Processing Log



Job: LOWAOC5 MR Phase 1

Location ID: SC1184

Job No. 210075.01.02

Collection Date/Time: 1/4/23 1458

No. of Sections: 1

Core Logged By: N. Bacher

Penetration Depth: 6.50 (ft)

Attempt #: 1

Processing Recovery Depth: 4.88 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 75.1

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-148.7cm	5	95		0-148.7cm: SILT (ML): black, wet, soft. Non-plastic, sand is fn. trace org. fibers, 1/2" gravel, red worm on top @ 15: pale yellow worm @ 32: fn. gray sand pocket @ 21, 42, 138: black, wood shreds. @ 60: 2" cockle shell @ 59-148: trace gray mottling @ 92: decomposing leaf layer, black, 1cm @ 108-110: multicolored, fn. sand, 1cm @ 110-116: dk. brown wood shreds, roots, trace shell frags. @ 146-148: dk brown, wood shreds, roots, branch pieces END OF CORE @ 148cm	0-148.7cm	SC1184A	

Sediment Core Processing Log



Job: LOW AOLS MR Phase 1

Location ID: SC1185

Job No. 210075.01.02

Collection Date/Time: 1/6/23 1200

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.36 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 84.0 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-102.4 cm, SILT (ML), black with olive brown mottling, soft, wet, non-plastic. 95% fine, 5% fine sand @ 0-1 silty sand, medium grain @ 1-7 Sand pocket of medium, dark grey, multicolored sand. @ 53 root @ 74 2 cm poorly graded sand lens, dark grey, multicolored grains @ 94-102.4 moderate organic material Core ends at 102.4 cm	20 40 60 80 100 120	SC1185 50.4 cm	

Sediment Core Processing Log



Job: LDW AOC SMR Phase 1

Location ID: SC1186

Job No. 210075.04.02

Collection Date/Time: 11/5/23 11:41:52

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.15 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 78.8 %

Diameter of Core (inches) 4.0

Notes: easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-96 cm SILT (ML), dark grey with black mottling, soft, wet, non-plastic 5% fine sand 95% fine	10		
20				@ 0-14 Sandy silt, olive green	20		
30				@ 14-40 decreasing sand, sand absent below 40 cm	30		
40				@ 14 1/2" shell chard	40		
50				@ 35 Several roots	50		
60				@ 42 2" wood fragment	60		
70				@ 44 3" wood fragment	70		
80					80		
90					90		
100				core ends @ 96.0 cm	100		

SC1186

47.3cm

Sediment Core Processing Log



Job: LDW AOC5 ME Phase 1

Location ID: SC1188

Job No: 210073.01.02

Collection Date/Time: 11/5/23 12:10

No. of Sections: 1

Core Logged By: RCrowley

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.25 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 81.3%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0-99.1cm SILT u/ SAND (ML), black, wet, soft, non-plastic, fine sand @ 0cm - 1" flat wood fragment	10		
20					20		
30				@ 30cm - live worm	30		
40				@ 42-49cm - dark olive grey silt	40		
50				@ 46cm + below - trace shell hash	50		
60		5	95	@ 50cm + below - reduced sand	60		
70				@ 51-78cm - frequent twigs + roots	70		
80					80		
90				@ 91cm - 3 half shells, 1.5" each	90		

end of core @ 99.1cm

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: IT 1189

Job No. 210075-01.02

Collection Date/Time: 11/3/23 1526

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.78 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.7%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent; MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		95	5	0-84.7cm - POORLY GRADED SAND (SP), gray, loose, wet, fine to med. grained, multi-colored grains	10		
20				@0-10cm - occasional wood frags, 1-4" roots	20		
30				@0-23cm - brown silty sand with gravel, subrounded gravel up to 2"	30		
40				@18-23cm - light gray 2" silt clast, low plasticity	40		
50				@33-42cm - light brown decomposing wood	50		
60					60		
70					70		
80					80		
90					90		
100				End of Core @ 84.7cm	100		

Sediment Core Processing Log

Job: LDWAOC5 MR Phase 1

Location ID: SC1190

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Job No. 210075-01.02

Collection Date/Time: 1/4/23 0816

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.50 ft (ft)

Attempt #: 1

Processing Recovery Depth: 1.95 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 78.0

Diameter of Core (inches) 4

Notes: Steady drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
48				0 - 59.4 cm : SILTY SAND (SM) dark grey, wet, moderately loose, fine to medium sand @ 8 small shell 1/4" fragment			
85			15	@ 0-24 sand with silt grey/brown mottling (oxidation) fine to medium sand moderately loose, wet @ 27 small root @ 30 shell fragment 1"		SC1190	
85			15	@ 24-43 sand with silt dark grey with scattered dark grey silt clasts 1", wet moderately loose @ 39 brittle shale like material 3/4"			
85			15	@ 43-46.8 sand with silt grey/brown mottling fine to medium sand, wet moderately loose @ 48 wood fragment 2" long End of core at 59.4 cm 24 cm → end same material	46.8 cm		

Sediment Core Processing Log

Job: CDWAOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 8.45 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1191

Collection Date/Time: 12/14/22 1331

Core Logged By: J. Light

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
30		5	95	0-257.6cm - SILT(MI), black, soft, wet, non plastic @23cm - 1/4" white shell frag. @20, 59, 85cm - roots	30	MLLW - 17.8 SC1191A (shoal)	~ r
60				@71-76cm - olive gray sandy silt pocket	60	67.6cm MLLW - 20ft	~
90				@104cm - black/dark gray mottling @108-110cm - dark gray silty sand lens fine to medium grained	90	SC1191B	~
120					127.1cm MLLW - 22ft		~
150				@157-158, 180-182, 184-189cm - dark gray fine to medium grained silty sand	150	SC1191C	~
180				@185cm - branches	180		~
210				@222cm - branches, roots	210	187.1cm MLLW - 24ft	~ ~ ~
240				@230cm - gray silt lenses	240		~
270				@226cm - red, stiff below	270		~
300				@240-247, 252-257.6cm - gray silty sand lenses, fine to medium grained	300		~
				End of Core @ 257.6cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC 1192

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Job No. 210075.01.02

Collection Date/Time: 11/9/23 1417

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 2

Processing Recovery Depth: 3.70 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.5%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-53cm		95	5	0-53cm Poorly graded Sand(SP) gray, loose, wet non-plastic ① 0-18cm medium to coarse sand, brown color ② 11-13cm black silt clast ③ 15-17cm olive brown silt clast ④ 45-47cm silt lens, black color ⑤ 47-52 gray fine sand, black silt inter bedded	0-53cm	SC 1192	
53-112.8cm		5	95	① 53-112.8cm SILT (ML) olive brown, soft, wet non-plastic ② 65 fine sand lens ③ 53-112.8cm black mottling ④ 79-84 scattered rootlets	55.5cm		
112.8cm				end of core ① 112.8			

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: IT1194

Job No. 210075.01-02

Collection Date/Time: 1/6/23 1441

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 3.00

(ft)

Attempt #: 1

Processing Recovery Depth: 1.74

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 58.0%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10				0-53.0cm poorly graded sand (SP) gray, loose, wet, multi-color grains, fine to medium grain (occasional mica flecks)		IT1194	
20				① 0-13cm yellow brown silt, brick like red flecks			
30				② 15-17cm gravel pieces 1/2"		26.1 cm	
40							
50							
60				end of core @ 53 cm			

Sediment Core Processing Log

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Job: LOW AOC5 MR Phase 1

Location ID: IT 1197

Job No. 210075-01.02

Collection Date/Time: 11/3/23 1303

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 3.00

(ft)

Attempt #: 2

Processing Recovery Depth: 2.77

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.3%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-84.4cm - SILT(ML), dark gray, soft, wet, nonplastic	10		
20				@0-7cm - olive silty sand lens	20		
30				@15-33cm - black silty sand lens, frequent shell frags	30		
40				@33-40cm - olive gray	40		
50				@54cm - rootlets	50		
60				@58-60cm - light gray silt lens	60		
70				@67cm - 1" wood fragment	70		
80					80		
90				End of Core @ 84.4cm	90		
100					100		

Sediment Core Processing Log

Job: LOW AOC SMR Phase 1
 Job No. 210073, 01, 02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.06 (ft)
 Adjusted Recovery Percentage: 76.5
 Notes:

Location ID: SC1198
 Collection Date/Time: 11/12/23 0848
 Core Logged By: LVB/CC
 Attempt #: 2
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-93.3 SILT (ML) black, wet, soft, non-plastic - low-plasticity @ trace fibers roots	10		
20					20		
30				@24-93.3 trace dark olive mottling	30		
40					40		
50				@47+74 olive gray silt pocket ~2"	50		
60					60		
70					70		
80				@ 83+89 fine sand lens ~ 3/4" thick	80		
90				End of core @ 93.3	90		
						45.9cm	

Sediment Core Processing Log

Job: LAWAOC5 MR Phase 1

Location ID: SC1199

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Job No. 210075.01.02

Collection Date/Time: 12/15/22 1426

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 6.00 (ft)

Attempt #: 1

Processing Recovery Depth: 5.95 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.5%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-178.3cm - SILT(MI), black with dark gray mottling, soft, wet, non plastic @16-18cm - pocket of brown silty sand @37-55cm - olive gray with black mottling, med. stiff @73cm - root @104-107, 120-121, 137-138cm - dark gray silty sand lenses @113, 116cm - roots @130, 150, 160cm - wood frags. @137cm - dark olive gray below @158cm - med, stiff below @170cm - root End of Core @ 178.3cm	20	18.9ft mclw SC1199A (Sheet)	
40					40	32.7cm 20ft mclw	
60					60	SC1199B	
80					80		
100					100	91.2cm 22ft mclw	
120					120	SC1199C	
140					140		
160					160	149.7cm 24ft mclw	
180					180	SC1199D	
200					200		

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: SC1200

Job No: 12-210075-01.02

Collection Date/Time: 11/9/23 1346

No. of Sections: 1

Core Logged By: 1

Penetration Depth: 4.05 ^(ft) 3.50 (ft)

Attempt #: 1

Processing Recovery Depth: 2.88 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 82.3

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		10	95	0-87.8cm SILT (ML) black, soft, wet non-plastic	0		
10				① 0-87.8 olive gray mottling	10		
20				① 10-16cm medium grain sand lens	20		
30				① 27-28cm medium grain sand lens	30		
40				① 39-47cm increases to moderate fine sand	40		
50				① 48-50cm medium grain sand lens	50		
60				① 57, 66, 79cm fine sand lens	60		
70					70		
80					80		
90				End of core @ 87.8cm	90		

SC1200

49.4 cm

Sediment Core Processing Log



Job: LDW ADCS MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.33 (ft)
 Adjusted Recovery Percentage: 83.3%
 Notes:

Location ID: IT1201
 Collection Date/Time: 11/11/23 1454
 Core Logged By: AZ
 Attempt #: 2
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.0
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				0-101.5 cm	0		
10		5	95	Silt, dark grey, soft wet	10		
20				interbed with grey fine-med.	20		
30				Sand, loose, wet w/ multicolor grains	30		
40				HC-like sheen on surface	40		
50				and below 22 cm, with	50		
60				moderate HC-like odor below	60		
70				22 cm	70		
80				@ 0-18 cm fine sand w/ silt	80		
90				grey-brown with abundant	90		
100				wood frag. and slight	100		
				H ₂ S odor			
				@ 18-22 cm light grey coloration			
				of silt			
				@ 44 cm wood frag 2"			

END of Core at 101.5 cm

Sediment Core Processing Log

Job: LDW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.25 (ft)

Processing Recovery Depth: 1.55 (ft)

Adjusted Recovery Percentage: 68.9%

Notes:

Location ID: IT1202

Collection Date/Time: 11/3/23 1436

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10			100	0-47.2 cm - SILT (ML), black with dark gray mottling, nonplastic	10		
20				@0-7 cm - orange brown sand with silt lens	20		
30				@5 cm - tw/g	30		
40				@29 cm - rootlets	40		
50					50		
60				End of Core @ 47.2 cm	60		

IT 1202

31.0 cm

Sediment Core Processing Log



Job: LOWAOC5 MR Phase 1

Location ID: SC 1203

Job No. 210075.0102

Collection Date/Time: 1/3/23 1421

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.92 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.3%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-89cm - SILT(MI), black, soft, wet, non plastic	0		
10				@0-9, 31-49cm - gray fine to medium grained sand lenses	10		
20				@10cm - 1" shell frag.	20		
30				@30-46cm - black/olive gray mottling	30		
40					40		
50					50		
60					60		
70				@73cm - shell frags. up to 1/4"	70		
80				@80-82cm gray fine to med. grained sand lens	80		
90					90		
100				End of Core @ 89cm	100		

Sediment Core Processing Log



Job: AOL5 MR Phase 1
 Job No. _____
 No. of Sections: 1
 Penetration Depth: 4.50 (ft)
 Processing Recovery Depth: 4.50 (ft)
 Adjusted Recovery Percentage: 100.0 %
 Notes: _____

Location ID: SL1204
 Collection Date/Time: 4/10/23 1123
 Core Logged By: LVB CC
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-28 cm		95	5	SAND (SP), gray, loose, wet, medium grain, multicolored sand no visible mica. 5% fine, 95% sand. 00-9 cm silty sand w/ sand content increasing w/ depth. @ 23 3" long 1" wide pocket of sandy silt w/ fine sand	0-28 cm		
28-137.2 cm		5	95	SILT (ML), gray, soft, wet non-plastic, sulfur-like odor increases with depth. 95% fine 5% v. fine sand. below 67 cm interbedded with SAND (SM), gray, loose to medium firm. 20% fine 80% v. fine sand. @ 36 slight silty odor towards bottom 2cm lens of medium grain sand @ 57 2cm lens of interbedded silt and very fine sand. @ 65 2cm lens of medium grain sand. @ 67 → End interbedded SILT and very fine sand Core ends at 137.2 cm	28-137.2 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075-01.02

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 6.56 (ft)

Adjusted Recovery Percentage: 93.7%

Notes:

Location ID: SC1205

Collection Date/Time: 11/5/23 1120

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-199.9cm	5	95		0-199.9cm - SILT(ML), black, soft, wet, non plastic @19-32cm - olive silt with sand lens @26cm - wood frag. @45-49cm - pocket of black wood fibers, occasional branches, trace shell hash @69cm - 1" wood frag. @73-75cm - olive gray silty sand lens, occasional black wood fibers, trace shell hash @90cm - 1 1/4" wood frag @104cm - black/olive gray mottling below @126cm - 1 1/2" branch, wood fibers and twigs @140-144, 156-158, 181-187cm - gray sand with silt lenses @170-174cm - black wood fibers, twigs	0-19.3ft MLLW SC1205A 76.2cm -22ft MLLW SC1205B 132.4cm -24ft MLLW		

End of Core @ 199.9cm

Page 1 of 1

Sediment Core Processing Log

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Job: LDW AOC SML Phase 1

Location ID: SC1206

Job No. 210075-01.02

Collection Date/Time: 11/9/23 1008

No. of Sections: 1

Core Logged By: EJ

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.08 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 77.0

Diameter of Core (inches) 4.0

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	95	5		0-28 cm SAND (SP-SM), dark grey with multicolored grains w mica, poorly sorted sand fine to medium grains, loose, wet 95% fine to medium sand 5% fine 2" angular rock scattered rocks up to 1"			
28	90	10		28-93.9 cm SAND (SP), olive brown, loose, wet, non-plastic 10% fine 90% fine sand @ 32: lens: organic fibers - 1cm thick 37-46: wood fiber up to 1.5" in size 48: 2" fine to medium sand, dark grey w multicolored sand 61-67: scattered rootlets	46.2 cm		
93.9				core ends @ 93.9			

Sediment Core Processing Log

Job: LDW AOCs MR Phase 1

Job No. 210075.0102

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 1.76 (ft)

Adjusted Recovery Percentage: 70.4%

Notes:

Location ID: IT1209

Collection Date/Time: 11/1/23 1501

Core Logged By: TA

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.0

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40 50 60		70	30	0-37cm poorly graded SAND w/silt (SP-sm) olive brown, loose, wet ① 3cm wood fragment 3" long ② 11cm foam piece 2" long ③ 14-53.6 Abundant wood fragments & fiber	10 20 30 40 50 60	IT 1209	
		85	15	37-53.6 SAND (SP) olive brown, loose, wet		31.7cm	
				end of core ① 53.6			

Sediment Core Processing Log

Job: LOW ADCS MR ("Phase")

Job No. 810075.0102

No. of Sections: 1

Penetration Depth: 3.0 (ft)

Processing Recovery Depth: 2.87 (ft)

Adjusted Recovery Percentage: 95.7

Notes:

Location ID: T1210

Collection Date/Time: 11/02/23 4:22

Core Logged By: LVB

Attempt #: /

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.0

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	5	95	95	0-87.5cm SILT (ML), black until 20cm, soft, wet, non-plastic 95% fine, 5% fine sand Olive brown/black mottling below 62cm @ 14 2" twig	0		
10					10		
20					20		
30				@ 20-38 cm lens of sandy silt, olive brown/black mottling, soft, wet, non-plastic 55% fine, 45% fine sand	30		
40					40		
50				@ 38-62cm lens of poorly graded SILTY SAND (SP-SM), olive brown, soft, wet, non-plastic	50		
60				@ 41 1/2" brown sandy silt clast @ 46 1" fiber clast @ 54 1/2" fiber clast	60		
70				@ 62-87.5 olive brown/black mottling @ 65 1" wood	70		
80					80		
90				Core ends @ 87.5cm			

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075-01.02

No. of Sections: 1

Penetration Depth: 5.00 (ft)

Processing Recovery Depth: 4.65 (ft)

Adjusted Recovery Percentage: 93.0%

Notes:

Location ID: SC1212

Collection Date/Time: 11/3/23/401

Core Logged By: J. Ught

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-141.7cm - SILT(MD), black, soft, wet, non plastic @ 8cm - 1" organic shard @ 4-20cm - frequent wood fibers, roots @ 13cm - 1/4" shell frag. @ 33cm - 1/2" subrounded gravel @ 50cm - 1" shell frag. @ 74cm - 1" wood frag. @ 106cm - low plasticity below @ 106-130cm - black/olive gray mottling	20		
40					40		
60					60		
80					80		
100					100		
120					120		
140					140		
160					160		
180					180		
200					200		

End of Core @ 141.7cm

SC1212

55.8cm

Sediment Core Processing Log



Job: LOW AOCs MR Phase 1
 Job No. 210075.0102
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 3.09 (ft)
 Adjusted Recovery Percentage: 77.3%
 Notes:

Location ID: SC1213
 Collection Date/Time: 11/9/23 1328
 Core Logged By: LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4.00
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-94.2 cm SILT, black with olive green mottling, soft, wet, non-plastic 95% fine 5% fine to medium sand	0		
10					10		
20					20		
30					30		
40					40		
50				@ 44 2" Sand pocket, medium sand	50		
60				@ 52 few rootlets	60		
70				@ 58 4 cm lens, Poorly graded sand, gray, loose, wet, multicolored grains, fine to medium grained, occasional mica flecks.	70		
80				@ 71 2 cm lens, poorly graded sand, gray, loose, wet, multicolored grains, fine to medium grained, occasional mica flecks.	80		
90					90		
100				Core ends at 94.2 cm	100		

SC1213

46.4cm

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1214



Job No. 210075.01.02

Collection Date/Time: 11/4/23 1418

No. of Sections: 1

Core Logged By: N. Bacher

Penetration Depth: 7.00 (ft)

Attempt #: 1

Processing Recovery Depth: 6.37 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.0

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-129cm	5	95		<u>SILT (ML)</u> : black, wet, soft, non-plastic, trace shells and worms on surface. @ 9.35cm: fn. sand, lense, gray 1cm @ 22-32cm: scattered small shell frags @ 23-107cm: trace gray mottling @ 52cm: olive gray silt pocket, 3cm @ 96-98cm: scattered small branch pieces and grass/needs. @ 110-120cm: multicolored, fn. sand lense @ 119cm: small bluegray clay clast, 5mm @ 124-127cm: multicolored, fn. sand pocket.	0-129cm	SC1214 A	
129-194cm	10	90		<u>SILT (ML)</u> : olive gray, moist, mod. soft, low plasticity, sand is fn. @ 145, 174, 192-194: dark brown wood frags up to 1". @ 169-172: gray clayey silt clast	129-194cm	SC1214 B	
END OF CORE @ 194 cm							

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1215

Job No: 210075.01.02

Collection Date/Time: 11/6/23 1138

No. of Sections: 1

Core Logged By: HS

Penetration Depth: 400ft (ft)

Attempt #: 1

Processing Recovery Depth: 3.75 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.8%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120 140		5	95	0-114.3 silt (ml) black, non plastic, wet, soft Slight HC-like odor, Slight HC-like Sheen Grey mottling throughout @ 33 cm wood fragments (moderate)	20 40 60 80 100 120		
				End of Core 114.3			

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.50 (ft)

Adjusted Recovery Percentage: 75.0 %

Notes:

Location ID: IT1216

Collection Date/Time: 11/18/23 1337

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		95	5	0-45.7cm poorly graded SAND(SP) loose, wet, brown	10		
20				① 0-13 Abundant gravel present up to 1" long	20		
30				② 10 few sub-angular rocks	30		
40					40		
50					50		
60				end of core @ 45.7cm			

IT1216

33.8cm

Sediment Core Processing Log

Job: LDW AOC5MR Phase 1

Job No. 210075-0102

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.06 (ft)

Adjusted Recovery Percentage: 76.5%

Notes:

Location ID: IT1217

Collection Date/Time: 11/6/23 1114

Core Logged By: SWK + TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	0	5	95	0-79.5 SILT (m): Black, non-plastic, wet, soft + 95/5			
0	95	5		79.2-93.3 SAND (SP) black, loose, fine, poorly graded 9/5			
				12-1 1/2" shell			
				14 - woody fibrous material ~ 2 cm thick			
				27 - olive brown sand clast 1" diam			
				35-79 olive gray mottling			
				62-64 poorly graded fine sand lens, loose, black			
				65-68: 4" wood fragment			
				79.0			
				93.3			
				end of core (a) 93.3			

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: IT 1218

Job No. 210075.01.02

Collection Date/Time: 11/18/23 1342

No. of Sections: 7

Core Logged By: LVB

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 2.18 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 87.2%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	30	55	15	0-66.4 cm gravelly sand with silt (ss-sm), grey, loose, wet abundant gravel 30% subrounded up to 1/2" rocks, 55% fine and medium sand, 15% fine below 14 v. dark grey @ 6 3" cement composite @ 14-66.4 Very dark grey	0	IT1218 39.2cm	0-10
10					10		10-20
20					20		20-30
30					30		30-40
40					40		40-50
50	5	95		@ 31-43 SILT (ML), very dark grey, soft, wet, non-plastic	50		50-60
60				@ 35 3" wood fragment	60		60-70
				@ 38 1" subrounded rock			70-80
				@ 39-48 abundant wood fibres			80-90
				@ 42 5" plastic fragment			90-100
15	85			@ 48-57 SILT (ML), very dark grey, very soft, very wet, with 15% coarse sand	15		
20	60	20		@ 57-66.4 well graded silty SAND (SW-SM) and gravel, subrounded stones up to 1/4"	20		
				Core ends at 66.4 cm			

Sediment Core Processing Log

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Job: LPW AOC5MR Phase 1

Location ID: SC1220

Job No. 210075-0102

Collection Date/Time: 11/12/23 0958

No. of Sections: 1

Core Logged By: LV/B

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.33 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 83.3

Diameter of Core (inches) 4"

Notes: Easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	<u>0 - 101.5 cm SILT (ML), Black, wet, Soft, non - low plasticity</u>			
20							
30							
40				<u>@ 41 - 3 shell fragments 1"</u>			
50							
60				<u>@ 61 thin wood fragment 1"</u>			
70				<u>@ 61 Sand lens of fine to medium sand grains, dark grey with multicolored grains, wet, non-plastic 1cm thick</u>			
80							
90				<u>@ 86 thin wood fragment 3/4"</u>			
				<u>@ 93 Sand lens of fine to medium sand grains, wet, non-plastic, 1cm thick dark grey with multicolored sand grains</u>			

End of Sample 101.5 cm

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: SC1221

Job No. 21007 S.0102

Collection Date/Time: 11/4/23 1338

No. of Sections: 1

Core Logged By: N. Bacher

Penetration Depth: 7.00ft (ft)

Attempt #: 1

Processing Recovery Depth: 6.93 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 99.0

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0					0	-18.8ft MLLW	
20		5	95	0-211cm: <u>SILT (ML)</u> : soft, wet, black, non-plastic fines	20	SC1221A (sheet)	
40				@12cm: small thin worm	40	36.2cm	
60				@29cm: 2.5" branch fragment	60	-20ft MLLW	
80				@30-32, 53-54: gray fine sand lenses w/ silt, trace shell hash, root fibers & wood chunks.	80		
100				@69-167: scattered gray silt lenses 90/10 & 5-15mm thick	100	SC1221B	
120				@78: grades to moist & mod. soft	120		
140				@83-125: ^{NS} trace fine organic fibers	140	95.6cm	
160					160	-22ft MLLW	
180				@140-148: wet, ^{NS} dark brown, detritus layer (roots, twigs, bark fragments).	180	SC1221C	
200				@168, 202, 207: 2" gray fn. sand pockets	200	155.0cm	
220				@196: 2" branch chunk, sl. decomposed	220	-24ft MLLW	

END OF CORE @ 211 cm.

211 cm.

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 4.00 (ft)
 Processing Recovery Depth: 4.12 (ft)
 Adjusted Recovery Percentage: 100.0
 Notes: easy drive.

Location ID: SC 1222
 Collection Date/Time: 1/16/23 1300
 Core Logged By: LVB/EC
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4"
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
40 40 60 80 100 120 140			10 90 5 95	0-125.6 : SILT (ML) : black with dark grey mottling, soft, wet, non-plastic. @38cm - percent sand decreased @57-64cm - scattered fine roots @83cm - 1/4 in wood fragment End of core @ 125.6cm	40 40 60 80 100 120 140	SC1222 60.0cm	S S S S S S S

Sediment Core Processing Log

Job: LDWAOC5 MR Phase 1

Job No. 210075.0102

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.58 (ft)

Adjusted Recovery Percentage: 79.0%

Notes:

Location ID: IT1224

Collection Date/Time: 11/3/2013 1321

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		60	40	0-48.2cm - SILTY SAND(SM), gray, loose, wet, fine to coarse grained, nonplastic fines @2cm - 1" white shell frag. @5-24cm - gray sandy silt lens, fine grained sand @10,11cm - wood fragments @14,23,31cm - branches @19-23cm - rootlets @23cm - 1 1/2" chunk of decomposing wood	10		
20					20		
30					30		
40					40		
50					50		
60					60		
				End of Core @ 48.2cm			

IT1224

35.6cm

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1225

Job No. 210075.01.02

Collection Date/Time: 11/4/03 1030

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.84 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.0%

Diameter of Core (inches)

Notes: Easy drive

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120		5	95	0-117.0 cm SILT (ML), black, wet, soft, non-low plasticity, low-moderate HS odor, @ 0-79 olive mottling @ 0-10 very loose silt @ 12 3 subrounded 1"-2" gravel several wood fragments 1" scattered root material @ 30 gray silt clast 1/2" @ 33 shell fragment 1/2" @ 66-83 scattered root material @ 83 4" wood fragment End of core 117.0	20 40 60 80 100 120	SC1225 57.6cm	

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: SC1226

Job No. 210075.01.02

Collection Date/Time: 11/3/23 1235

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 6.50 (ft)

Attempt #: 2

Processing Recovery Depth: 5.67 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 87.2%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		10	90	0-172.8cm - SILT with SAND (ML), black with dark gray mottling, soft, wet, non plastic	0	MLW-18.7	
20				@9cm - roots	20	SC1226 A	
40				@20cm - shell frags. up to 1"	40	(sheal)	
60				@26cm - twig	60	34.5cm	
80				@43-45, 66-70cm - gray fine grained sand with silt lenses	80	MLW-20.0	
100				@44cm - 1" wood fragment	100	SC1226 B	
120				@53cm - 3/4" shell fragment	120		
140				@73cm - root, twig	140	86.8cm	
160				@100-103cm - lens of black wood frags, and twigs	160	MLW-22.0	
180				@115-121, 134-138, 151-154cm - gray fine grained silty sand lenses	180	SC1226 C	
200				@153cm - dark olive gray below	200	139.1cm	
				@158cm - 3/4" subrounded gravel		MLW-24.0	
				End of Core @ 172.8cm			

Sediment Core Processing Log



Job: LDW ADCS MR Phase 1

Location ID: SC 1227

Job No. 210075.01.02

Collection Date/Time: 11/6/23 1318

No. of Sections: 1

Core Logged By: Hs

Penetration Depth: 4.00' (ft)

Attempt #: 1

Processing Recovery Depth: 4.18' (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	0	5	95	0-119 Silt (ML) black, non plastic, wet, soft olive grey mottling, no odor, no sheen @ 16 cm biota @ 29, 36, 71 cm organic fragment layer @ 38-44 cm fine sand lens	0		
20					20		
40					40	SC1227	
60					60	60.0cm	
80				@ 76-82 cm abundant organic fibers	80		
100				@ 97 cm shell fragments (2 ~ .5")	100		
120				@ 101 cm wood ~ .5"	120		
140				119-127.4 Sand with silt (SP-SM) Grey; medium dense, moist, no odor, no sheen	140		
	90	10		End of Core @ 127.4			

Sediment Core Processing Log



Job: LDWAACS MR Phase 1

Location ID: SC1234

Job No. 210075-01.02

Collection Date/Time: 11/6/23 1334

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.53 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 88.3%

Diameter of Core (inches)

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-107.6		5	95	0-107.6cm SILT (ML) black, soft, wet non-plastic @ 0-82cm olive brown mottling @ 11-19cm 3 worms @ 12cm wood fragment 1" long @ 48cm root @ 102-107.6 sandy silt end of core @ 107.6	0-107.6	SC1234	

{ = worm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: IT1235

Job No: 210075.01.02

Collection Date/Time: 11/3/23 1334

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 2.50 (ft)

Attempt #: 1

Processing Recovery Depth: 1.93 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 77.2%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40 50 60 70 80		90	10	0-58.8cm - SAND with SILT and GRAVEL (SP-SM), gray, loose, wet, fine to coarse grained @0-14cm - gray-brown @10cm - 1/2" angular green glass fragment @13cm - 2.5" subangular gravel @17cm - 1" angular brown glass fragment @17-23cm - pocket of grass fibers @22cm - 1 1/2" angular gravel @37cm - 1" angular clear glass fragment @40cm - 1/2" angular clear glass fragment @42cm - fine to medium grained, gravel and silt absent below End of Core @ 58.8cm	10 20 30 40 50 60 70 80	IT 1235 34.7cm	

Sediment Core Processing Log



Job: LOW ADCS MR Phase 1

Location ID: SC1236

Job No. 210075.0102

Collection Date/Time: 2/8/23 1004

No. of Sections: 1

Core Logged By: LVB/CC

Penetration Depth: 5.50 (ft)

Attempt #: 2

Processing Recovery Depth: 3.96 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 72.0%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		20	80	0-120.7 SILT (ML) with fine-medium sand. wet, dark blackish grey, soft, non-plastic @0-20 scattered organic debris - rootlets, leaves @17 1.5" shell @1 biota (worm) @36 3cm wood stick	20	SC1236	~ 2 ~
40					40		
60					60	43.2cm	
80		90	10	@69, 79, 92 3-5cm pockets of fine to medium sand (90%) with silt (10%) @98 fine-med sand pocket dark brown color. 3cm @98 below sand +. decreases gradually	80		~ ~ ~
100					100		
120				@120.7 end of core	120		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 5.00 (ft)

Processing Recovery Depth: 4.53 (ft)

Adjusted Recovery Percentage: 90.6%

Notes:

Location ID: SC1239

Collection Date/Time: 11/9/23 1105

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR

QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-20		10	90	0-70 cm SILT (ML), black with olive brown mottling below 41 cm, soft, wet, non-plastic 90% fine 10% fine sand @ 12 1" subrounded rock @ 15 1" stick @ 21 1" wood fibres @ 38 1 cm lens of 50-50% silty/fine sand, olive brown @ 53 1" pocket of sandy silt	0-20		
20-40					20-40		
40-60					40-60		
60-80					60-80		
80-100		90	10	well graded 70-85 cm SAND (SP), dark grey, loose, wet, 10% fine, 90% fine to coarse multicolored grains @ 80 1 cm lens. Silt with fine sand	80-100		
100-120				85-138.1 cm Interbedded, olive brown SILT (ML), medium stiff, wet, non-plastic, dark grey, fine sand, loose, wet @ 116, 123 1" wood fragments	100-120		
120-140					120-140		
140-160				Core ends @ 138.1 cm	140-160		

SC1239

54.4 cm

ANCHOR
QEA

Location ID: 50124

Collection Date/Time: 11/6/23 105

Core Logged By: LNB + HS

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 1 of 1

Sediment Core Processing Log

Job: LDW AOC5MR Phase 1

Job No: 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 3.85 (ft)

Adjusted Recovery Percentage: 96.3 %

Notes:

Location ID: SC1244

Collection Date/Time: 11/6/23 1014

Core Logged By: LVB JH

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.0

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
QEA

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0 - 117.3 cm SILT (ML), black, soft, wet, non-plastic. 95% fine, 5% fine sand @ 12 1" leaf @ 27 1" half bivalve @ 37 3" reed @ 50 6" fishing line @ 53 scattered roots @ 98 1" half bivalve and 1/2" subrounded rock Core ends at 117.3 cm	0		
20					20		
40					40		
60					60		
80					80		
100					100		
120					120		
140					140		

Sediment Core Processing Log

Job: LDW AUCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.16 (ft)

Adjusted Recovery Percentage: 72.0 %

Notes:

Location ID: IT1246

Collection Date/Time: 11/23/08 0852

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		40	60	0 - 65.8cm - SANDY SILT (ML), dark gray, soft, wet, nonplastic, fine grained sand, abundant roots and grass	10		
20				@0-9cm - brown sandy silt, very soft, saturated	20		
30					30		
40				@41-45cm - 2" flat wood frag.	40		
50				@41-52cm - 3" wood chunk	50		
60				@58-60cm - dark gray sandy silt lens	60		
70				End of Core @ 65.8cm	70		
80					80		
90					90		

IT
1246
32.4cm

Sediment Core Processing Log

Job: LOW AOC SMR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.87 (ft)

Adjusted Recovery Percentage: 95.7%

Notes:

Location ID: SC1247

Collection Date/Time: 11/4/23 1056

Core Logged By: JWH

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0	0	5	95	0-87.5 SILT (ML); wet, black, soft, non-plastic, scattered fibers throughout 95/5	0		
10					10		
20					20		
30					30		
40					40		
50					50		
60				Dark gray silt clay @ 53 cm, with 1 flat angular 1" rock & angular 1/2" rock	60		
70				Dark gray silt clay @ 58 cm	70		
80					80		
90				to 87.5 cm	90		

SC1247

57.4cm

Sediment Core Processing Log

Job: LOW AACS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 3.45 4.00 (ft)

Processing Recovery Depth: 3.44 (ft)

Adjusted Recovery Percentage: 86.0

Notes:

Location ID: SC1248

Collection Date/Time: 11/9/23 1139

Core Logged By: TA

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-104.9							
0-91cm	5	95		SILT (ML) black soft, wet, plastic moderate H ₂ S like odor ① 12cm stick 1" long ① 19-20cm wood fiber lens ① 11, 25, 30, 36, 71cm sand pockets ① 33-60cm light black mottling ① 40-55cm scattered roots ① 60-92cm moderate black mottling ① 62cm wood fragment 1/2" long ① 77-83cm silty sand lens ① 85cm shell fragment 1" long	0-91cm		
91-104.9		90	10	poorly graded sand (SP) olive brown ① 90 shell fragment loose, wet, non-plastic ① 99 wood fragments 1/2" to 1" long ① 102cm root 2" long	91-104.9		
End of core @ 104.9							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Location ID: SC1249

ANCHOR
QEA 

Job No. 210075 01.02

Collection Date/Time: 1/16/23 1346

No. of Sections: 1

Core Logged By: JLH

Penetration Depth: 4.90 (ft)

Attempt #: 1

Processing Recovery Depth: 2.91 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 72.8

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-10	0	10	90	0-52 SILT (ML) 90/10, black, soft, wet, small root fragments throughout	0-10		
10-26				26 ± 1 1/2" wood fragment	10-26		
26-43.7					26-43.7		
43.7-52					43.7-52		
52-62	95	5	5	52-88.7 SAND (SP-SM), medium coarse, dark multi-colored, 95/5, with sparse 1/2" gravel throughout	52-62		
62-65				57 = 1" firm, wet, black silt pocket	62-65		
65-67				62 = 2 1/2" subrounded rock	65-67		
67-68				65 = 1" subrounded flat rock	67-68		

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Location ID: SC1250

ANCHOR
QEA

Job No. 210075-0102

Collection Date/Time: 11/6/22 1032

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.29 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 82.3

Diameter of Core (inches)

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
				0-100.3			
10		5	95	0-72cm SILT (ML) black, soft, non-plastic	10		
20				@ 0-22cm silt w/ sand lens	20		
30					30		
40					40		
50				@ 44-49cm silt w/ sand & moderate gravel lens	50	49.4 cm	
60					60		
70					70		
80		95	5	72-100.3cm POORLY graded Sand (SP)	80		
90				gray, loose, wet, multi-color grains, fine to medium grained (occasional mica frags)	90		
				@ 78cm gravel 2" long			
				@ 92cm gravel 1 1/2" long			

Sediment Core Processing Log



Job: LDWA005 MR Phase 1

Location ID: SC1252

Job No. 210075.01.02

Collection Date/Time: 11/6/23 0947

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.64 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 91.0

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-110.4							
0-70cm SILT (ML) black, soft, wet, non-plastic	5	95			20		
@ 36 cm shell fragments & half shell 1/2"					40	SC1252	
@ 70 poorly graded SAND (SP) gray, loose, wet, multi-colored grains,					60	54.6cm	
fine to medium grained (occasional mica) pieces	95	5			80		
@ 103-110.9 small gravel 1/4" long, sparsely distributed					100		
@ 109 small twig 1/2" long					120		
end of core @ 110.9							

Sediment Core Processing Log



Job: LOW ADCS MR Phase 1

Location ID: SC1256

Job No. 210075.01-02

Collection Date/Time: 11/12/23 0926

No. of Sections: 1

Core Logged By: TA

Penetration Depth: 4.00 (ft)

Attempt #: 2

Processing Recovery Depth: 3.05 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 76.3%

Diameter of Core (inches)

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0-93.0cm SILT (ML) dark gray, soft, just non-plastic	10		
20					20		
30					30		
40					40		
50				① 47-66cm black mottling	50	45.8cm	
60				② 57cm small wood piece 1/2"	60		
70				③ 73cm root fibers	70		
80					80		
90					90		
				end of core @ 93.0cm			

Sediment Core Processing Log

Job: LOWAOC5 MR Phase 1

Location ID: SC1261

ANCHOR
QEA

Job No. 210675.01.02

Collection Date/Time: 11/6/23 0922

No. of Sections: 1

Core Logged By: LVB, HS

Penetration Depth: 4.00 (ft)

Attempt #: 4

Processing Recovery Depth: 3.26 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 81.5%

Diameter of Core (inches)

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0			5	95 0-99.4 cm SILT (Mk), black, soft, wet, non-plastic 95% fine, 5% fine sand @ 15 entire closed bivalve shell 1"	0		
10					10		
20					20		
30				@ 32 1/2" subground stone	30	SC 1261	
40				@ 39 1" shell fragment	40		
50				@ 42-77 increasing sand content medium to coarse sand	50	48.9cm	
60				@ 57-77 lens medium to coarse sand. Poorly graded multicolored sand and gravel up to 2".	60		
70					70		
80				@ 77-80 black and dark grey mottling.	80		
90					90		
				Core ends at 99.4 cm			

Sediment Core Processing Log

ANCHOR
QEA

Job: LOW AOCs MR Phase 1

Location ID: IT 1264

Job No. 210075-01.02

Collection Date/Time: 11/3/23 0912

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 1.96 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 65.3%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		40	60	0-59.7cm - SANDY SILT (ML), dark gray, soft, wet, non plastic, fine grained sand	10		
20				@0-20cm - abundant subangular gravel up to 1"	20		
30				@18, 26, 40cm - roots	30		
40				@30, 36cm - 1 1/2" wood chunks	40		
50				@35-48cm - vertical 4" wood chunk	50		
60				@40-43cm - gray sand with silt lens, fine to medium grained, few rounded gravel up to 3/4", shell frag.	60		
70				@49cm - black wood fibers	70		
80				@53-59.7cm - gray brown gravelly silty sand lens, subrounded gravel up to 1"	80		
90				End of Core @ 59.7cm	90		

Sediment Core Processing Log



Job: LDW AOC5MR Phase 1

Location ID: SC1265

Job No. 210075-01.02

Collection Date/Time: 11/4/23 1131

No. of Sections: 1

Core Logged By: CC/LVB

Penetration Depth: 4.50 (ft)

Attempt #: 1

Processing Recovery Depth: 4.39 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.6

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20 40 60 80 100 120 140		5	95	0-133.8 SILT (ML): wet, black, soft, non-plastic, with scattered organic fibers @14,18 - 1" wood fragments @27 - 1" shell @37,47 - 1" wood fragments @55 - 1" shell @60,78 - 1/2" to 1" wood fragments @102 - 1/2" shell fragment End of core at 133.8 cm	20 40 60 80 100 120 140	SC1265 SB.6cm	

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 5

Penetration Depth: 3.50 (ft)

Processing Recovery Depth: 2.79 (ft)

Adjusted Recovery Percentage: 79.7%

Notes:

Location ID: SC1266

Collection Date/Time: 11/9/23 1203

Core Logged By: ET

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.0

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-78cm: SILT (ML) olive brown and black mottling, soft, wet, non-plastic 95% fine, 5% fine to medium sand @ 0 1" subrounded rock, 2" stick, 0-4.5 and 2 like worms, black mottling, soft wet, non plastic 20-30cm: sand fine to medium grain, dark grey and olive brown mottling 90% sand 10% silt 44-63cm many silty sand pockets up to 1.5"	0		
20		5	95		20		
30					30		
40		90	10		40		
50					50		
60					60		
70					70		
80		85	15	78-85cm SAND, dark grey, loose, wet 15% fine 85% fine sand 84cm wood fiber 1" pieces CORE ENDS AT 85.0 cm	80		
90					90		

Sediment Core Processing Log



Job: LDWAOC5MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 3.00 ft (ft)
 Processing Recovery Depth: 2.26 (ft)
 Adjusted Recovery Percentage: 75.3%
 Notes: File done

Location ID: IT1268
 Collection Date/Time: 1/4/23 0911
 Core Logged By: NB
 Attempt #: 1
 Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core
 Diameter of Core (inches) 4
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-10 10-20 20-30 30-40 40-50 50-60	20	80		0-42 SILT w/sand (ML) gray, wet soft 80% silt to 42, non-plastic 20% sand orange oxidation modeling @ 0-6 black anaerobic modeling @ 6-11 Trace wood @ 15 1 inch sub rounded gravel @ 20 Thin piece of organic material @ 24 Thin piece of organic material @ 32 1 inch sub-rounded gravel @ 34	0-33.9 33.9 cm	IT1268	
50-60 60-70 70-80 80-90 90-100	15	70	15	42-68.9 SAND w/SILT 3 Gravel (SP-GM) 70% sand dark gray wet, loose 15% fine gravel 15% fine silt Bark fragments 2" long @ 43 Brick pieces, black aggregate material 1 1/2" long @ 54 orange brick pieces @ 56, 66 wood fragments @ 62 end of core 68.9	33.9-68.9 34.9 cm		

Sediment Core Processing Log



Job: LOW AOC5 MR Phase 1

Location ID: IT 1269

Job No. 210075.01.02

Collection Date/Time: 11/3/23 0936

No. of Sections: 1

Core Logged By: J. Light

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.65 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 88.3%

Diameter of Core (inches) 4"

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0 - 80.8 cm - SILT with SAND (ML), black, soft, wet, non plastic, fine grained sand @11 cm - roots @13-16 cm - gray silty sand lens @15 cm - 1 1/4" subangular gravel @20-23 cm - gray sand lens, fine grained @36-37 cm - light gray silt lens @65, 68 cm - pockets of brown silt up to 1/2" @70-80.8 cm - gray silty sand with gravel, fine grained, subrounded gravel up to 3/4"	10		
20					20		
30					30		
40					40		
50					50		
60					60		
70					70		
80					80		
90					90		
100					100		

End of Core @ 80.8 cm

IT 1269

39.7 cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC1270

Job No. 210075.01.02

Collection Date/Time: 11/4/23 1229

No. of Sections: 1

Core Logged By: JWH

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.36 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 84.0%

Diameter of Core (inches) 4

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20	0	5	95	SILT (ML): Soft, wet, black sandy (5%) 0-102.4 silt (95%), non-plastic, no odor wood fragments @ 95, 13 full 2" mussel shell @ 3 3" worm @ 10 no gray silt mottling 22-44 wood @ 43, 49, 56, 59	20		
40					40		
60				4cm dark gray sand elast @ 71 wood @ 72	60		
80				1/2" shell fragment @ 81 wood @ 84	80		
100				2x2" plastic, clear thin @ 87	100		
120					120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 1

Job No. 210075.0102

No. of Sections: 1

Penetration Depth: 400' (ft)

Processing Recovery Depth: 383 (ft)

Adjusted Recovery Percentage: 95.8%

Notes:

Location ID: SC1271

Collection Date/Time: 11/9/23 1239

Core Logged By: HS

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
20		5	95	0-116.7 silt (ML) dark Grey, Soft, wet non-plastic no sheen slight H ₂ S like odor @ 0-10 few biota @ 0-63 olive Grey mottling @ 17 biota + organic fibers @ 39-42 w oody fibers @ 62-64 fine Sand lense, Grey @ 64-73 wood w/ silty Sand @ 74-104 color change to olive brown @ 75, 82 wood fiber lenses @ 104-116.7 color change to dark Grey @ 114 wood ~ 1" End of core @ 116.7	20		SC1271
40					40		
60					60		
80					80		
100					100		
120					120		

Sediment Core Processing Log

Job: 1 DW AOC5 MR phase 1

Job No: 210075-01.02

No. of Sections: 1

Penetration Depth: 2.25

Processing Recovery Depth: 1.72

Adjusted Recovery Percentage: 76.4%

Notes:

Location ID: IT 1272

Collection Date/Time: 1/3/23 1045

Core Logged By: J. Light

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4"

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		90	10	0-52.4cm - SAND with SILT (SP-SM), gray, loose, wet, fine to medium grained	10		
20				@0-19cm - orange	20		
30				@14-20cm - subrounded to subangular gravel lens, gravel up to 1/2"	30		
40				@21cm - 1 1/2" subangular gravel	40		
50				@27, 29cm - gray silt lenses	50		
60				@30-33cm - red-orange staining	60		
70				@33-37cm - abundant brown and gray silt clasts	70		
80				@37-52.4cm - fine to coarse grained sand, occasional subangular gravel up to 1/4", silt absent	80		
				End of Core @ 52.4cm			

IT 1272

34.4cm

Sediment Core Processing Log

Job: LOW ADCS MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 2.00

Processing Recovery Depth: 1.39

Adjusted Recovery Percentage: 69.5%

Notes:

Location ID: IT1275

Collection Date/Time: 11/18/23 1509

Core Logged By: LVB

Attempt #: 4

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5		95	5	0-42.4 cm: SAND (sp), brown, loose, wet, poorly graded 95% fine to medium sand, 5% fine	5		Sketch of sediment profile with circles representing grains.
10				0-12 abundant gravel angular to subrounded, up to 1.5"	10		
15				@ 4 1" orange brick	15		
20				@ 16 1 cm glass shard	20		
25				@ 17-22 lens of very fine, light brown sand with silt	25		
30				@ 23 1/4" subrounded rock	30		
35					31.3cm		
40				@ 36 1/4" subangular rock	40		
45				Core ends at 42.4 cm	45		

Sediment Core Processing Log

Job: LDWAOC5MR Phase 1

Job No. 210075.01.02

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 2.97 (ft)

Adjusted Recovery Percentage: 74.3

Notes:

Location ID: SC1276

Collection Date/Time: 1/4/23 1255

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		5	95	0-90.5 cm SILT (ML) Black, Wet. Soft, non-plastic to 40 cm fine sand 5% fin 95% @ 7 entire bivalve shell	0		
20				@ 25 1/2" shell fragment	20		
30				@ 28-64 olive nothing	30	SC1276	
40				@ 40-90.5 low plasticity	40		
50					50	44.6cm	
60				@ 62 grey silt clast 1"	60		
70				@ 63 reed segment 1/2"	70		
80				@ 82 root material	80		
90				core ends at 90.5 cm	90		

Sediment Core Processing Log

Job: LOW AOC5 MR Phase 1

Location ID: SC1277



Job No. 210075.01.02

Collection Date/Time: 11/9/23 0839

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 4.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3-37 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 84.3%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-90	10	90	90	0-90 cm <u>SILT</u> (ML), dark grey with olive green mottling, soft, wet, non-low plasticity 90% fine, 10% fine sand low HS odor @ 3 2" narrow stick @ 16-36 scattered rootlets @ 20-25 5" wood @ 36 1/2" shell fragment @ 42-51 poorly graded sand lens, fine grey sand. @ 45 scattered wet and fibrous debris @ 55 1" subrounded rock @ 65-73 lens of woody fibres and sandy silt 90-102.7 cm poorly graded SAND with SILT (SP-SM) dark grey soft wet non-plastic 10% fine, 90% fine sand Core ends at 102.7 cm	0-90	SC1277	

Sediment Core Processing Log



Job: ADCS MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 2.00 (ft)
 Processing Recovery Depth: 1.92 (ft)
 Adjusted Recovery Percentage: 96.0%
 Notes:

Location ID: SC1800
 Collection Date/Time: 04.29.23/1015
 Core Logged By: LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core
 Diameter of Core (inches) 4.0
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		5	95	0 - 58.5 cm, SILT (ML), dark olive brown, soft, wet, non-plastic 95% fine, 5% fine sand 0-7 scattered biota 0-11 scattered shell fragments up to 3/4" @ 18, 22, 25, 55 rootlets @ 24 and 26 shells up to 2" long @ 37 organic fibres @ 37 to 49 abundant shell fragments up to 1"	10		'
20					20		'
30					30		'
40					40		'
50					50		'
60					60		'
				core ends at 58.5 cm		57.6 cm	'

Sediment Core Processing Log



Job: ADCS MR Phase I

Location ID: SC1801

Job No. _____

Collection Date/Time: 4/12/23 1015

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.5 (ft)

Attempt #: 1

Processing Recovery Depth: 1.9 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 76.0%

Diameter of Core (inches) 4.00

Notes: lost 4" out of bottom while collecting.

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5		5	95	0-47.9cm, SILT (ML) olive to 20 cm and v. dark gray below 20 cm, soft, wet, non-plastic. 95% fine 5% fine sand	5		
10				@ 8-24 scattered biota	10		
15				@ 12 + 28 rootlets	15		
20				@ 14, 18, 19 tiny shell fragments	20		
25					25		
30				@ 30 2" stick	30		
35					35		
40					40		
45					45		
50				core ends at 47.5cm	50		

SC1801

45.6

Sediment Core Processing Log



Job: ADC5 MR phase 1

Location ID: SC1802

Job No. _____

Collection Date/Time: 4/12/23 1540

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.5 (ft)

Attempt #: 1

Processing Recovery Depth: 1.9 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 76.0%

Diameter of Core (inches) 4.00

Notes: 4" lost out of the bottom when collection

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5		5	95	0-49.1 cm, SILT (ML), Olive to 18 cm then transition to v. dark olive grey below 25 cm, soft, wet, non-plastic 95% fine, 5% fine sand @ 0-17 scattered biota	5		
10					10		
15					15		
20				@ 18 3/4" shell fragment	20		
25				@ 20 few rootlets	25		
30					30		
35				@ 30 1" shell fragment	35		
40					40		
45					45		
50				core ends at 49.1 cm	50		

Sediment Core Processing Log



Job: LDW AUC5 MR Phase 1

Location ID: SC1803

Job No.

Collection Date/Time: 4.5.2023 1630

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.5 ft (ft)

Attempt #: 1

Processing Recovery Depth: 2.2 ft (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 88.0%

Diameter of Core (inches) 4.00

Notes: lost 6' out of the bottom when
removing the core. remaining 49.7cm

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0				0 - 49.7cm, SILT (ML), Very dark grey w/ olive green mottling. soft, wet, non-plastic 95% fine, 5% fine sand faint hydrocarbon-like odor towards the bottom of core. 20-6 abundant biota 20-7 scattered shell fragments up to 1/2" long 13-16 scattered rootlets 21 1" shell 26 / biota 27-28 scattered tiny shell fragments 40-49.7 scattered shell fragments 1/4" - 1.5" long core ends at 49.7cm	0		
5					5		
10					10		
15					15		
20					20		
25					25		
30					30		
35					35		
40					40		
45					45		
50					50		

SC1803

49.7cm

Sediment Core Processing Log



Job: LDW AOCs MR Phase 1

Location ID: SC1804

Job No. _____

Collection Date/Time: 4.5.2023 1215

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.0 (ft)

Attempt #: 2

Processing Recovery Depth: 1.85 → 1.47 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 92.5% after

Diameter of Core (inches) 4.00

Notes: lost bottom 4" of sediment when pulling out the core from sediment

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5 10 15 20 25 30 35 40 45 50		10	90	0-44.8 cm, SILT (ML) olive brown, soft wet, non-plastic 90% fine 10 % fine sand color changes to a very dark olive grey below 29 cm @ 0-10 abundant biota @ 0-44.8 any shell fragments scattered throughout the core @ 22 rootlet @ 29-44.8 cm color changes to a very dark olive grey core ends at 44.8 cm	5 10 15 20 25 30 35 40 45 50	SC1804	

Sediment Core Processing Log



Job: AOC5 NR Phase 1
 Job No. 210075-01.02
 No. of Sections: 1
 Penetration Depth: 2.40 (ft)
 Processing Recovery Depth: 2.20 (ft)
 Adjusted Recovery Percentage: 91.7%
 Notes:

Location ID: SC1805
 Collection Date/Time: 04.28.23/1625
 Core Logged By: LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core
 Diameter of Core (inches) 4.0
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		30	70	0-67.1 cm: SANDY SILT (ML), v. dark olive grey, soft, wet, non-plastic. 70% fine 30% fine sand @ 0-11 + @ 25 several 3/4" shell fragments @ 21, 37 rootlets @ 24 to the end scattered tiny shell fragments @ 35, 44, 48, 1" shell fragments @ 56 1" composite @ 60 organic fibres Core ends at 67.1 cm	10		c
20					20		c
30					30		c
40					40		c
50					50		c
60					60		c
70					70		c
						55.0 CM	

Sediment Core Processing Log



Job: LDAOC5MR Phase 1

Location ID: SC 1808

Job No. 2100-150102

Collection Date/Time: 3/3/23 1250

No. of Sections: 1

Core Logged By: CC/KVB

Penetration Depth: 2.1 (ft)

Attempt #: 1

Processing Recovery Depth: 1.8 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 85.7%

Diameter of Core (inches) 4.00 in

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		15	85	0-51.4 SILT (ML) with fine sand, wet, dark blackish grey, soft, nonplastic @12 2" shell @16 1.5" shell @19 1/4" shell fragment @20-25 abundant shell fragments 1/4" @31-40 3 1" shells and 1/4" shell fragments End of core 51.4	10		
20					20		
30					30	SC1808	
40					40		
50					50		
60					60	51.4cm	

Sediment Core Processing Log



Job: A0055-MR Phase 1

Location ID: SC1809

Job No. 210075.01.02

Collection Date/Time: 3/30/2023 14:55

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.0 (ft)

Attempt #: 1

Processing Recovery Depth: 1.86 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 93.0 %

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0		25	75	0-55.8 cm, SILT (ML), dark olive grey, soft, wet, non plastic. 75% fine 25% very fine sand. sand content decreases as you go deeper to 15%. @ 0-10 scattered biota @ 21 1.5" shell @ 25-26 scattered shell fragments 1/4" @ 31 1.75" shell @ 38 2 1/4" clasts of orange silt @ 39 3/4" shell fragment @ 43 1/4" shell fragment core ends at 56.7 cm	0		
10					10		
20					20		
30					30		
40					40		
50					50		
60					60		
						51.4cm	

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Sediment Core Processing Log

Job: AOC5 MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 2.50 (ft)
 Processing Recovery Depth: 2.25 (ft)
 Adjusted Recovery Percentage: 90.0%
 Notes:

Location ID: 1811
 Collection Date/Time: 04.28.23/1230
 Core Logged By: LVB
 Attempt #: 2
 Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core
 Diameter of Core (inches) 4.0
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		85	15	0 - 68.6 cm: SAND (SP-SM), olive-brown, loose, wet 15% fine 85% fine sand between 30 - 62 cm 95% fine sand @ 10 biota @ 13 1" shell fragment 5% fine @ 14 1 1/2" composite (asphalt) @ 17 few organic fibres @ 17-27 abundant tiny shell fragments @ 21 1" subrounded rock @ 28 rootlet @ 33 2 cm lens of fine to medium grained sand with scattered 1/2" subrounded rocks @ 41, 47-1/2" subrounded rocks @ 43 1 1/2" subrounded rock @ 52 1" clast of sandy silt @ 56 1 1/2" composite core ends at 68.6 cm	10		

Sediment Core Processing Log

IT 1812



ANCHOR
QEA

Job: COW ADCS MR Phase 1

Location ID: SC1812

Job No.

Collection Date/Time: 4/3/2023 / 10 00

No. of Sections: 1

Core Logged By: CUB

Penetration Depth: 2.00 (ft)

Attempt #: 2

Processing Recovery Depth: 1.50 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 75.0%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
5		20	80	0-45.0 cm SILT (ML), olive gray. Soft, wet, non-plastic. 80% fine, 20% fine sand	5		
10				@ 9 Scattered leaf fibres	10		
15				@ 12 1/4" hydrocarbon-like sheen	15		
20				@ 13 3" stick	20		
25				@ 15 1/4" shell fragment	25		
30				@ 16 3/4" clast of orange colored silty sand	30		
35				@ 20, 29 rootlets	35		
40				@ 26 1/2 wood fibres	40		
45				@ 26-29 scattered shell fragments up to 3/4" long	45		
50				@ 30 2" stick			
55				@ 35 1/4" shell fragment			
60				core ends at 45.7 cm			

IT 1812

45.0 cm

Sediment Core Processing Log

Job: LDW ADCS MR phase 1

Job No. _____

No. of Sections: 1

Penetration Depth: 2.2 (ft)

Processing Recovery Depth: 2.13 (ft)

Adjusted Recovery Percentage: 96.8 %

Notes: _____

Location ID: IT1813

Collection Date/Time: 4/3/2023 1525

Core Logged By: LVB

Attempt #: 1

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0-47 cm		80	20	POORLY GRADED SAND (SM) v. dark grey, loose, wet, slight HC - 20% fine 80% fine to medium sand @ 0-54 abundant wood debris up to 4" long and leaf fibres.	0-47 cm		
47-58.1 cm		10	90	@ 39 1" subrounded rock @ 45 1/4" shell fragment SILT (ML), v. dark grey, soft, wet, non plastic. 90% fine, 10% fine sand core ends at 64.9 cm	47-58.1 cm	58.1 cm	

Sediment Core Processing Log



Job: ADCS MR Phase 1
 Job No. 21M75.01.02
 No. of Sections: 1
 Penetration Depth: 2.0 (ft)
 Processing Recovery Depth: 1.5 (ft)
 Adjusted Recovery Percentage: 75.0%
 Notes:

Location ID: SC1816
 Collection Date/Time: 2/31/23 0920
 Core Logged By: CC
 Attempt #: 1
 Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core
 Diameter of Core (inches) 4.00 in
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
0 10 20 30 40 50			20 80	0-45.0 SILT (SPSM) with fine-med grain sand, wet, dark grey, soft, non plastic @ 9-18 biota (worms) @ 7, 10 two shells 1" @ 23-25 pocket of fine sand and silt End of core C 45.0	0 10 20 30 40 50	SC1816 45.0 cm	

Sediment Core Processing Log



Job: UDW AOC'S MR Phase 1
 Job No. 210078.01.02
 No. of Sections: 1
 Penetration Depth: 2.00 (ft)
 Processing Recovery Depth: 1.99 (ft)
 Adjusted Recovery Percentage: 99.5%
 Notes:

Location ID: SC1817
 Collection Date/Time: 03.31.23 1300
 Core Logged By: AL
 Attempt #: 1
 Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core
 Diameter of Core (inches) 4.00 in
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0-59.7cm SILT (ML) with fine sand, wet, dark blackish grey, soft, nonplastic. @ 10 bista (worm)	10	SC1817 59.7	7
20					20		
30					30		
40				@ 25 1/4" barnacle	40		
50					50		
60				End of core 59.7	60		

Sediment Core Processing Log



Job: LOW ADC5 MR Phase 1

Location ID: SC1818

Job No. _____

Collection Date/Time: 4/4/23 1025

No. of Sections: 1

Core Logged By: LVB

Penetration Depth: 2.0 (ft)

Attempt #: 1

Processing Recovery Depth: 1.98 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 99.0 %

Diameter of Core (inches) 4.00

Notes: _____

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10		10	90	0-59.4 cm, SILT (ML), v. dark grey, soft, wet non-plastic, 90% fine, 10% fine sand @ 7, 14, 17 biota	10		
20				@ 17 1/2" clast of very fine orange sand	20		
30				@ 29, 56, 60 Shell fragments up to 2" long	30		
40				@ 33, 47 rootlets	40		
50				@ 54 2 cm lens of sandy silt w/ small + medium grains	50		
60				CORE ends at 60.4 cm	60		
70					70		

SC1818

59.4 cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 1

Location ID: SC 1819

Job No. _____

Collection Date/Time: 4/4/23 1312

No. of Sections: 1

Core Logged By: LJD

Penetration Depth: 2.3 (ft)

Attempt #: 1

Processing Recovery Depth: 2.28 (ft)

Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core

Adjusted Recovery Percentage: 99.1 %

Diameter of Core (inches) 4.00

Notes: _____

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40 50 60 70		5	95	0-69.5 cm, SILT (ML), dark olive grey, soft, wet, non-plastic 95% fine 5% fine sand @ 6 3' fishing line @ 24, 32 rootlets @ 29 1" stick @ 31 3.5" stick @ 36, 38, 42, 44, 48 shell fragments up to 1.5" long @ 55 1 cm lens of sandy silt fine to medium grain Core ends at 69.5 cm	10 20 30 40 50 60 70	SC1819	

Sediment Core Processing Log



Job: AOC5 MR Phase 1
 Job No. 210075.01.02
 No. of Sections: 1
 Penetration Depth: 3.00 (ft)
 Processing Recovery Depth: 2.52 (ft)
 Adjusted Recovery Percentage: 84.0 %
 Notes:

Location ID: IT1820
 Collection Date/Time: 04.29.23 / 1410
 Core Logged By: LVB
 Attempt #: 1
 Type of Core ☐ Mudmole ☐ Vibracore ☒ Diver Core
 Diameter of Core (inches) 4.0
 Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
10 20 30 40 50 60 70 80		15	85	0 - 53 cm, SILT (ML), olive brown, soft, wet, non-plastic 85% fine, 15% fine and occasional medium grain sand. <u>abundant organic fibres</u> @ 7.36 2" stick @ 29 1 1/4" thin piece of metal @ 40 3/4" tar paper @ 41 5" thin stick	10 20 30 40 50 60 70 80	IT 1820 37.8 cm	
	10	20	70	53 - 69 cm, v. dark grey, soft, wet, non-plastic 70% fine 20% fine + coarse sand 10% pea size gravel @ 58, 62 composite up to 1" across			
		5	95	79 - 76.8 cm SILT (ML), grey, soft, wet, non-plastic 95% fine 5% fine sand core ends at 76.8 cm			