

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1301

Job No. 210075.01.03

Collection Date/Time: 6/12/24 1406

No. of Sections: 1

Core Logged By: James Merwin

Penetration Depth: 12.50 (ft)

Attempt #: 2

Processing Recovery Depth: 11.90 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 95.2%

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	0	5	8	0-362.7 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR @ 4-10 cm WORMS @ 10-15 cm SHELL MASH @ 40 cm GRAPEL TO SOFT, MOIST	0	SC1301A	
30					57.1 cm	SC1301B	
60					85.7 cm	SC1301C	
90					114.3 cm	SC1301D	
120					142.9 cm	SC1301E	
150					171.5 cm	SC1301F	
180					200.1 cm	SC1301G	
210					228.7 cm	SC1301H	
240					257.3 cm	SC1301I	
270				@ 280 cm SHELL MASH @ 282 cm TAP PAPER SCRAPS @ 296 cm FIBER, ROOT	295.9 cm		
300							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.50 (ft)

Processing Recovery Depth: 11.90 (ft)

Adjusted Recovery Percentage: 95.2%

Notes:

Location ID: SC1301

Collection Date/Time: 01/21/24 1406

Core Logged By: James Mearns

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 1.75

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
330				@ 327 cm SUBSANDY TO GRAVEL	330	SC1301J	
				@ 342-360 cm FINE-GRAINED SAND LOOSE		314.5cm	
340				@ 348 cm TWIG	340	SC1301K	
				@ 362.7 cm END OF BORING		343.1cm	
350					350	SC1301L	
						362.7cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1302

Job No. 210075.01.03

Collection Date/Time: 6/14/24 @ 0754

No. of Sections: 1

Core Logged By: James Melton

Penetration Depth: 16.00 (ft)

Attempt #: 1

Processing Recovery Depth: 12.18 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 76.1%

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
0	0	5	95	0-371.2 cm Silt (ML) VERY SOFT, WET, BLACKISH-GRAY SILT, LOW TO MEDIUM PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 9 cm TWO WORMS @ 28 cm STICK @ 60 cm GRADES TO SOFT, MOIST @ 120 cm STICKS, WOOD FRAGMENTS @ 130 cm SHELL WASH @ 212 cm WOOD FIBER @ 220 cm SHELL WASH @ 260 cm SHELL WASH @ 287 cm WOOD FRAGMENTS	0	SC1302A	
30					45.7cm	SC1302B	
60					68.5cm	SC1302C	
90					91.3cm	SC1302D	
120					114.1cm	SC1302E	
150					136.9cm	SC1302F	
180					159.7cm	SC1302G	
210					182.5cm	SC1302H	
240					205.3cm	SC1302I	
270					228.1cm	SC1302J	
300					250.9cm	SC1302K	
					273.7cm	SC1302L	
					296.5cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 16.00 (ft)

Processing Recovery Depth: 12.18 (ft)

Adjusted Recovery Percentage: 76.1%

Notes:

Location ID: SC1302

Collection Date/Time: 6/14/24 0754

Core Logged By: James Martin

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
328	0	5	95	@315 cm TWIG @318 cm TWO PEBBLES @326 cm SHELL FRAG	328	SC1302M	
					329.3cm		
360				@344 cm OLIVE-GRAY CLAY PACKET @346 cm SHELL FRAG @350 cm WOOD FRAGMENT @359 cm FINE GRAINED SAND LENS	360	SC1302N	
					371.2cm	SC1302D	
370				@371.2 cm END OF BORING	370	371.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 3.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1303

Collection Date/Time: 6/12/24 1434

Core Logged By: James Martin

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	0	5	95	0-91.4 cm Silt (m) very soft, wet, BLACKISH-GRAY, silty, low plasticity, trace fine-grained sand, no sheen no odor @ 10-20 cm SHELL HALVES, FRAGMENTS @ 41 cm SHELL HALVES @ 53 cm SHELL HALVES @ 55 cm GRADES TO SILT, MIST @ 62 cm SHELL HASH, FRAGMENTS @ 69 cm SHELL HALF @ 91.4 cm END OF BORING	30	SC1303	
60					60	60.0 cm	
90					90		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.28 (ft)

Adjusted Recovery Percentage: 93.5

Notes:

Location ID: SC1309

Collection Date/Time: 5/24/24 1304

Core Logged By: JAMES MELTON

Attempt #: 2

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		5	95	0-313.3 silt (ml) very soft, wet blackish olive-brown, silty, low to medium plasticity, trace fine-grained sand, no sheen, no odor	30	SC1309A	
60					60	56.1cm SC1309B	
90				@ 90 cm GRADES TO MEDIUM PLASTIC, WET	90	84.2cm SC1309C	
120	90	10		@ 102-152 cm Poorly-graded sand (SP) LENSE TRACE SILT	120	112.3cm SC1309D	
150				@ 135-145 cm Brown clay pocket	150	140.4cm SC1309E	
180				@ 152-195 cm Poorly-graded sand w/ silt (SP-sm)	180	168.5cm SC1309F	
210				@ 195-313.3 cm Interbedded silt/sandy silt	210	196.6cm SC1309G	
240					240	224.7cm SC1309H	
270				@ 258-277 cm Poorly-graded sand LENSE (SP), FINE TO MEDIUM GRAINED sand	270	252.9cm SC1309I	
300					300	280.9cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.28 (ft)

Adjusted Recovery Percentage: 93.5%

Notes:

Location ID: SC1309

Collection Date/Time: 5/24/21 1304

Core Logged By: James M. ...

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
330				End of Borehole 313.3 cm	330	SC1309J 313.3cm	

End of Borehole
313.3 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 10.00 (ft)

Processing Recovery Depth: 9.69 (ft)

Adjusted Recovery Percentage: 96.9%

Notes:

Location ID: SC1310

Collection Date/Time: 6/21/29 1004

Core Logged By: James M. ...

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	0	5	95	0-226.0 cm Silt (fine) Soft, moist, blackish-gray, silt, low plasticity, trace fine grained sand, no sheen, no odor	30	SC1310A	
60					60	58.1 cm	
90					70	SC1310B	
120					80	87.2 cm	
150					90	SC1310C	
180					100	116.3 cm	
210				@128-148 cm GRADES TO OLIVE-GRAY COLOR @138 cm unidentified faunal fragment	110	SC1310D	
240					120	145.4 cm	
270				@164 cm TWG	130	SC1310E	
300				@190-194 cm TWG, BARK, FIBERS @191-194 cm GRADES TO OLIVE-GRAY COLOR @205 cm BARK @210 cm BARK	140	174.5 cm	
330					150	SC1310F	
360					160	203.6 cm	
390					170	SC1310G	
420	0	60	40	226-295.4 cm SILTY SAND (SM) MED DENSE, moist, olive-brown, silty sand, fine to medium grained sand, no sheen, no odor @246-250 cm BARK pieces	180	226.0 cm	
450					190	SC1310A	
480					200	255.1 cm	
510					210	SC1310I	
540				@295.4 cm END OF BORING	220	295.4 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.10 (ft)

Processing Recovery Depth: 1.57 (ft)

Adjusted Recovery Percentage: 74.8

Notes:

Location ID: SC1311

Collection Date/Time: 7/18/24 0933

Core Logged By: AB

Attempt #: 4

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
				0-47.9cm Silt (ML) Very soft, wet, Blackish-Grey, Silty Silt, low plasticity, Fine grained Sand No skin, no odor @ 24cm - gravel piece EOB 42.9cm 54.6cm		SC1311 44.9cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 7.23 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1312

Collection Date/Time:

7/18/24 1053

Core Logged By:

AB

Attempt #:

3

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
				0-60cm V. soft, wet, Blackish-gray, Sandy Silt no odor, no sheen	30	SC1312A	
				60-117.5cm V. soft, wet, Blackish-gray, Silt no coarse, no odor, no sheen	60	SC1312B	
				117.5-220.4cm Soft, wet, Blackish-gray, Sandy Silt fine to medium grained sand, no odor, no sheen	90	SC1312C	
				@ 36cm wood debris	120	SC1312D	
				@ 64cm wood debris	147.5cm	SC1312E	
				@ 83cm wood	177.5cm	SC1312F	
				@ 116cm dimensional lumber	220.4cm		
				@ 145cm plastic w/ Barnacles			
				@ 158cm gravel pieces			
				@ 183cm wood & roots			
				EOB 220.4cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.50 (ft)

Processing Recovery Depth: 4.04 (ft)

Adjusted Recovery Percentage: 73.5%

Notes:

Location ID: IT1318

Collection Date/Time: 01/26/24 1230

Core Logged By: A. White

Attempt #: 3

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
50	35	15		0-14cm Silty GRAVEL with sand (GM), loose, moist, dark grey	50	IT1318A	
				@ 3 Glass shard, colorless, < 1/2"			
				@ 6 shell fragment			
				14-123.1cm Poorly Graded SAND (SP) loose to medium dense, moist, dark grey, trace multicolored grains present (red + white), medium grained	33.1cm	IT1318B	
				@ 61 cm 4.0" void prior to cutting open/processing	55.2cm	IT1318C	
				3.0" void post cutting open/processing	77.3cm	IT1318D	
				consistent material on each side of void, core assumed to have slipped, gap closed for logging/sampling purposes.	99.4cm	IT1318E	
				CORE ENDS @ 123.1cm	123.1cm		

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Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

603
(2)
227.1
Cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.40 (ft)

Processing Recovery Depth: 9.75 (ft)

Adjusted Recovery Percentage: 85.5%

Notes:

Location ID:

SC1321

Collection Date/Time: 5/24/24 1342

Core Logged By: James McLean

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
0-147	0	40	60	0-147 cm SANDY SILT (ML) VERY SOFT, WET, OLIVE-GRAY, SANDY SILT, LOW PLASTICITY, FINE GRAINED SAND, SLIGHT SHEEN BLEBS, NO ODOOR @ 35 cm SILVER SHEEN BLEBS @ 58 cm SILVER SHEEN BLEBS @ 79-106.7 cm SLIGHT H ₂ S-LIKE ODOR @ 105 cm ORGANIC MUDRIB FIBER @ 114 cm GRADES TO SILT, MOIST, SOFT @ 118 cm ORGANIC MUDRIB FIBERS	0-147	SC1321A	
147-266	0	100	0	147-266 cm POORLY-GRADED SAND (SP) MEDIUM DENSE, MOIST, OLIVE-GRAY, POORLY-GRADED SAND, FINE TO MEDIUM GRAINED SAND, NO SHEEN NO ODOOR @ 168 cm SUBROUND GRAVEL LENSE @ 197 cm BROWN SILT POCKET @ 216-241 cm GRADES TO SILTY SAND (SM) GRADES TO WET 5/24/24 @ 241 cm GRADES TO MOIST GRADES TO POORLY-GRADED SAND w/ SILT (SP-SM) @ 256-264 cm ORGANIC MUDRIB FIBERS @ 264-297.2 cm INTERBEDDED SP/ML	147.0	SC1321E	
					174.7	SC1321F	
					202.4	SC1321G	
					230.1	SC1321H	
					266.0	SC1321I	
					297.2		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 11.96 (ft)

Adjusted Recovery Percentage: 92.0%

Notes:

Location ID: SC1323

Collection Date/Time: 01/14/24 0958

Core Logged By: James Morrow

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	0-364.5 cm SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW TO MEDIUM PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @50 cm WOOD FIBER	0	-29.24 MLLW SC1323A	
30					30		
60					60		
90					90	-32.04 MLLW 78.6 cm SC1323B	
120					120	106.2 cm SC1323C	
150					150	133.8 cm SC1323D	
180				@155 FINE-GRAINED SAND LENSE	180	161.4 cm SC1323E	
210				@184-197 cm BLUE-GRAY SILT LENSE	210	189.0 cm SC1323F	
240					240	216.6 cm SC1323G	
270					270	244.2 cm SC1323H	
300					300	271.8 cm SC1323I	
						299.4 cm	

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Location ID:

Collection Date/Time: 6/14/24 0958

Core Logged By: James Morton

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 9.93 (ft)

Adjusted Recovery Percentage: 76.4%

Notes:

Location ID: SC1324

Collection Date/Time: 6/19/24 0856

Core Logged By: James Merow

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR

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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	0	5	95	0-302.7 cm SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	29.34 m	SC1324A	
30					62.9 cm	SC1324B	
60					85.8 cm	SC1324C	
90					108.7 cm	SC1324D	
120					131.6 cm	SC1324E	
150				@185-175 cm TAN CLAY LENSE	154.5 cm	SC1324F	
180					177.4 cm	SC1324G	
210				@210 cm GRADUALLY TO MEDIUM DENSE, MORE PLASTICITY	200.3 cm	SC1324H	
240				@212 cm FIBER	223.2 cm	SC1324I	
270					246.1 cm	SC1324J	
300					269.0 cm	SC1324K	
330				@292 cm FIBER			

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

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No. of Sections: 1

Penetration Depth: 110.50 (ft)

Processing Recovery Depth: 116.58 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1325

Collection Date/Time: 6/19/24 0812

Core Logged By: James M. [unclear]

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	0-55.4 cm SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW TO MEDIUM PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @19 cm WOOD FRAGMENTS @26 cm WOOD FIBERS	0	-26.0 ft MLW	
30					30	SC1325A	
60					60	-28.0 ft MLW	
						01.0 cm	
90				@88 cm LARGE BARK PIECE	90	SC1325B	
120					120	-30.0 ft MLW	
						12.0 cm	
150				@170 cm TWIG (5 cm)	150	SC1325C	
180					180	-32.0 ft MLW	
						18.0 cm	
210				@209 cm TWIG (4 cm)	210	SC1325D	
						21.0 cm	
240				@230 cm MORE PLASTICITY, GRASS & MEDIUM DENSE	240	SC1325E	
				@241 cm GRASS REED		24.0 cm	
270				@268-274 cm THIN SILT LENS	270	SC1325F	
						27.0 cm	
300					300	SC1325G	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 16.50 (ft)

Processing Recovery Depth: 16.58 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1325

Collection Date/Time: 6/19/24 0812

Core Logged By:

Attempt #:

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
330	0	5	95	@ 317 cm TAN SILT LENSE	330.0 cm	SC1325H	
320					333.0 cm	SC1325I	
310					363.0 cm	SC1325J	
300					393.0 cm	SC1325K	
290					423.0 cm	SC1325L	
280					453.0 cm	SC1325M	
270	0	35	65	@ 479 cm GRADES TO SANDY SILT	483.0 cm	SC1325N	
260				@ 505.4 cm END OF BORING	505.4 cm		

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Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 18.51 (ft)

Adjusted Recovery Percentage: 97.17

Notes:

Location ID: SC1326

Collection Date/Time: 6/18/24 0918

Core Logged By: James Nelson

Attempt #: 3

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
332	0	10	90		332	SC1326J	
						320.2cm	
						SC1326K	
				@ 350-358 cm medium GRAINED SAND Lense		349.3cm	
						SC1326L	
						378.4cm	
				@ 394 cm WHITE FIBROUS MATTED MATERIAL ANTHROPOGENIC		SC1326M	
						407.5cm	
						SC1326N	
						436.6cm	
						SC1326O	
						465.7cm	
						SC1326P	
						494.8cm	
						SC1326Q	
				@ 518-528 cm medium to coarse GRAINED SAND Lense (MULTICOLORED)		523.9cm	
				@ 535-547 cm SANDY SILT (ML)		SC1326R	
				@ 562.4 cm END OF BORING		562.4cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.90 16.00 (ft)

Processing Recovery Depth: 16.35 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1327

Collection Date/Time: 01/14/24 1113

Core Logged By: James Martin

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	0-498.3 cm SILT (M) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @28 cm WOOD FIBER	0	-26.04 MLLW	
30					30	SC1327A	
60				@57-60 cm FIBERS, TWIG	60	-28.04 MLLW	
						61.0 cm	
90					90	SC1327B	
120					120	-30.04 MLLW	
						122.0 cm	
150					150	SC1327C	
180					180	-32.04 MLLW	
				@205 cm DECOMPOSED WOOD		183.0 cm	
210				@225 cm TWIG	210	SC1327D	
				@226-235 cm OLIVE-GRAY SILT LEUSE		213.0 cm	
240					240	SC1327E	
				@259-264 cm OLIVE-GRAY SILT LEUSE		243.0 cm	
270					270	SC1327F	
				@274 cm ROUNDED GRAVEL		273.0 cm	
300					300	SC1327G	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections:

Penetration Depth: 16.00 (ft)

Processing Recovery Depth: 16.35 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR

QEA



SC1327

01/14/24 1113

James Merton

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
330				@ 315 cm FISHING LINE	330	303.0cm SC1327H	
360				@ 330 cm GRANES TO MEDIUM STIFF	360	333.0cm SC1327I	
390				@ 345 cm BARK, WOOD FRAGMENTS	390	363.0cm SC1327J	
420				@ 400-415 cm BARK, TWIGS, WOOD FRAGMENTS	420	393.0cm SC1327K	
450					450	423.0cm SC1327L	
480					480	453.0cm SC1327M	
510				@ 498.3 cm END OF BORING	510	483.0cm SC1327N	
540					540	498.3cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.00 (ft)

Processing Recovery Depth: 14.87 (ft)

Adjusted Recovery Percentage: 82.6%

Notes:

Location ID: SC1328

Collection Date/Time: 6/12/24 11:30

Core Logged By: James Martin

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 7.4

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	0-453.2 cm Silt (mud) very soft, wet, blackish-gray, silt, low plasticity, trace fine-grained sand, no shell slight petroleum-like odor	0	SC1328A	
40				@40 cm GRADES TO SOFT, MOIST	40		
57				@57-66 cm WOOD FIBERS, TWIGS	57		
85				@85-89 cm WOOD FRAGMENTS, FIBERS	85		
110				@110 cm WOOD FRAGMENTS	110		
142				@142 cm WOOD FIBERS, TWIGS	142		
186				@186 cm WOOD FRAGMENT	186		
190				@190 cm FIBERS	190		
246				@246 cm ROUNDED ROCK	246		
300				@300 cm GRADES TO MEDIUM DENSE, MORE PLASTICITY	300		
					4.56 ft MLLW		
					27.25 mllw		
					69.2cm		
					30.0 ft MLLW		
					138.4cm		
					32.0 ft MLLW		
					188.8cm		
					213.6cm		
					238.4cm		
					263.2cm		
					288.0cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.00 (ft)

Processing Recovery Depth: 14.87 (ft)

Adjusted Recovery Percentage: 82.6%

Notes:

Location ID: SC1328

Collection Date/Time: 06/17/24 1130

Core Logged By: James Martin

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
330	0	5	95		330	SC1328H 312.8cm	
360					360	SC1328I 337.6cm	
390					390	SC1328J 362.4cm	
420					420	SC1328K 387.2cm	
450					450	SC1328L 412.0cm	
480	0	25	75	@435 cm GRADES TO SILT w/ SAND (fine) FINE-GRAINED SAND, MEDIUM DENSE, LOW TO MEDIUM PLASTICITY	480	SC1328M 436.8cm	
				@453.2 cm END OF RUN		SC1328N 453.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.40 (ft)

Processing Recovery Depth: 10.75 (ft)

Adjusted Recovery Percentage: 100.0

Notes:

Location ID: SC1329

Collection Date/Time: 8/2/24 0850

Core Logged By: Lm

Attempt #: 3

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
0-281 cm	20	80	80	BLACK SANDY SILT, WET NO ODOR			
-28 cm				ROOTS + WOOD FRAGMENTS			
-31 cm				ANGULAR GRAVEL ≤ 2 cm		SC1329A	
-36 cm				STIFFENS, LESS SATURATED			
-69 cm				WOOD PIECES		60.0 cm	
-76 cm				FIBERS		SC1329B	
-97 cm				ROOTS		90.0 cm	
-104 cm				FIBERS + SHELL FRAGMENTS		SC1329C	
-145 cm				SHELL		120.0 cm	
-165 cm				ROCKS SUB ANGULAR ≤ 5 cm		SC1329D	
-180 cm	10	90	90	TRANSITION TO SILT, BLACK 180 cm MOD STIFF, MOIST		150.0 cm	
-204 cm				GRAVELS SUB ANGULAR ≤ 3 cm		SC1329E	
-220 cm				GRAY SILT MOTTLING		180.0 cm	
-253 cm				WOOD FRAGMENTS		SC1329F	
-262 cm				WOOD FRAGMENTS		210.0 cm	
-281 cm				SOIL CONTACT - TO 327.7 cm		SC1329G	
				GRAY SILTY SAND WITH CLAYEY CLASTS, ROCKS SUB ANGULAR + BRICKS		240.0 cm	
	30	50	20			SC1329H	
						281.0 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.40 (ft)

Processing Recovery Depth: 10.75 (ft)

Adjusted Recovery Percentage: 100.0

Notes:

Location ID: SC1329

Collection Date/Time: 8/2/24 0850

Core Logged By: LM

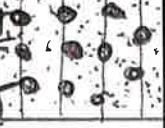
Attempt #: 3

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
330	30	50	20	- 703 cm RED BRICK FRAGMENTS - 305 cm GRAVELS ≤ 1 cm Sub ROUNDED. PETROLEUM ODOR - 327.7 cm END OF SAMPLE	311.0 cm SC1329 327.0 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.50 (ft)

Processing Recovery Depth: 2.80 (ft)

Adjusted Recovery Percentage: 80.0

Notes:

Location ID: IT1330

Collection Date/Time: 01/11/24 0900

Core Logged By: James Merton

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	15	85	0	0-85.3 cm POORLY-SORTED SAND (SP) MEDIUM DENSE, MOIST, GRAYISH-BROWN, FINE TO MEDIUM GRAINED SAND, ROUNDED & SUB-ANGULAR GRAVELS AND PEBBLES, NO SHEEN, NO ODOR @ 15 cm NO GRAVELS THROUGH REST OF CORE @ 28 cm BLACK FINE-GRAINED SAND LENS @ 85.3 cm END OF BULK	30	IT1330A	
60	0	100	0		36.0cm	IT1330B	
					60.0cm	IT1330C	
90					85.3cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.20 (ft)

Processing Recovery Depth: 1.85 (ft)

Adjusted Recovery Percentage: 84.17

Notes:

Location ID: SS1331

Collection Date/Time: 8/2/24 0915

Core Logged By: LM

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	50		50	BLACK SILT W/ LARGE GRAVELS Sub Angular to Sub Round < 2cm 8.4cm		SS1331 8.4cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SS1331

Job No. 210075.01.03

Collection Date/Time: 8/2/21 1025

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 2.40 (ft)

Attempt #: 3

Processing Recovery Depth: 2.23 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.9%

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
36		30	70	BLACK SANDY SILT w Round-Sub Round GRAVEL < 3cm 9.3cm END OF SAMPLE Shells + wood	36	SS1331 9.3cm	

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Location ID: SC1333

Collection Date/Time: 5/30/24 @ 1429

Core Logged By: EP

(ft) 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 AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.60 (ft)

Processing Recovery Depth: 10.20 (ft)

Adjusted Recovery Percentage: 69.9%

Notes: resistance @ 12ft, refusal @ 14.6ft.

Location ID: SC1334

Collection Date/Time: 5/30/24 @ 0830

Core Logged By: RP

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
30		5	95	0-310.9cm SILT (ML) soft, wet, blackish gray, trace fine grained sand, silt, no sheen, no odor @16cm wood piece; worm @25cm shell	30	SC1334A	
60				@70cm grades to soft to medium stiff	60	41.9cm SC1334B	
90				@108cm grades to moist	90	62.9cm SC1334C	
120				@155-176cm wet sandy silt lense	120	83.9cm SC1334D	
150					104.9cm SC1334E		
180					125.9cm SC1334F		
210				@198cm wood fibers @203-214cm lense of gray coloring @215cm wood piece; wood fibers @226cm grades to medium stiff	150	146.9cm SC1334G	
240					167.9cm SC1334H		
270					188.9cm SC1334I		
				@254cm sand pocket @261-267cm wood fibers; plastic fibers @274-279cm lense of gray coloring @277cm wood pieces @280cm gravel piece; plastic piece @293cm wood piece	210	209.9cm SC1334J	
					230.9cm SC1334K		
					251.9cm SC1334L		
					272.9cm SC1334M		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1334

Job No. 210075.01.03

Collection Date/Time: 5/30/24 @ 0830

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 14.60 (ft)

Attempt #: 2

Processing Recovery Depth: 10.20 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 69.9%

Diameter of Core (inches) 4

Notes: Resistance @ 12.5 ft, resistance @ 14.6 ft.

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
330		5	95	Continued SILT (ML) @ 305cm silty sand pocket END OF BORING @ 310.9cm	330	293.9 SC1334N 310.9cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 19.51 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1335

Collection Date/Time: 5/28/24 1139

Core Logged By: EP

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
0-594.7cm	5	95	0-594.7cm SILT (ML) Soft, wet, blackish gray trace fine grained sand, silt, no sheen, faint petroleum-like odor	0-594.7cm	MLLW - 25.6 ft	SC1335A	
50cm			@50cm wood fragment, 12cm	50cm	MLLW - 27.8 ft	SC1335B	
108cm			@108cm flexible plastic strip	108cm	MLLW - 30.0 ft	SC1335C	
114cm			@114cm fiber	114cm	134.2cm	SC1335D	
138cm			@138cm grades to moist	138cm	MLLW - 32.0 ft	SC1335E	
172cm			@172cm wood fragment; grades to medium ^{EP} dense stiff	172cm	195.2cm	SC1335F	
203cm			@203cm grades to wet	203cm	225.2cm	SC1335G	
285cm			@285cm grades to moist	285cm	255.2cm		
					285.2cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 19.51 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1335

Collection Date/Time: 5/28/24 1139

Core Logged By: RP

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
330		5	95	Continued SILT (ML) @300cm grades to no odor @300cm plastic fiber @312-340cm gray streaking @347cm grades to soft; trace sand grades to medium grained @365cm gravel piece @393cm grades to medium stiff; trace sand grades to fine grained @421cm fiber @425cm-594.7cm fibers throughout @470-520cm faint petroleum-like odor @479cm wood fragments, mulch-like @544-591cm wood fragments throughout, mulch-like @591-594.7cm wood fragments and sand/dust-like fragments throughout — END OF BORING @ 594.7cm —	330	SC1335H	
360					345.2cm	SC1335I	
390					375.2cm	SC1335J	
420					405.2cm	SC1335K	
450					435.2cm	SC1335L	
480					465.2cm	SC1335M	
510					495.2cm	SC1335N	
540					525.2cm	SC1335O	
570					555.2cm	SC1335P	
					594.7		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1336

Job No. 210075.01.03

Collection Date/Time: 5/30/24 @ 1310

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 11.00

(ft)

Attempt #: 1

Processing Recovery Depth: 8.00

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 72.7%

Diameter of Core (inches) 4.00

Notes: retrieval at 11ft.

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
0-243.8cm	15	85	85	0-243.8cm SILT WITH SAND Soft, wet, blackish gray, fine grained sand, silt, wood pieces and fibers throughout, no sheen, no odor @47cm grades to moist, medium stiff @109-169cm occasional shulls, approx. 1mm @135cm grooved, clear, plastic piece, 5cm; thin wrapper-like plastic pieces; gravel pieces; yellow waxy substance. @158cm grades to trace fine sand @159cm grades to no wood pieces @200-209cm gray silt lens @230-243.8cm fine to medium sand lens END OF BORING @243.8cm	0-25.2ft MLW SC1336A MLW -27.6ft 53.2cm SC1336B -30ft MLW 106.4cm SC1336C -32ft MLW 150.7cm SC1336D 172.5cm SC1336E 194.3cm SC1336F 216.1cm SC1336G 243.8cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 20.00 (ft)

Processing Recovery Depth: 20.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1337

Collection Date/Time:

8/2/24 0940

Core Logged By:

LM

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		10	90	0-42cm BLACK SILT WITH TRACE SAND -14cm ROOTS + SHELLS -20cm WOOD PIECES		SC1337A	
43				-43cm SUBANGULAR BLACK GRAVEL ≤ 2 cm			
60		5	95	-60cm GRADES TO GRAYISH BLACK SILT		60.0cm	
78				-78cm WOOD PIECES		SC1337B	
90						90.0cm	
115				-115cm SHELL FRAGMENTS		SC1337C	
137				-137cm ROOTS, + HYDROCARBON ODOOR		120.0cm	
140				-140cm GRAVELS, SUBANGULAR ≤ 3 cm		SC1337D	
180						150.0cm	
227				-227cm GRAVELS, SUBANGULAR ≤ 3 cm		SC1337E	
237				-237cm GRAVEL, SUBANGULAR ≤ 3 cm		180.0cm	
255				-255cm ROOTS + WOOD DEBRIS		SC1337F	
266				-266cm - 270cm WET LENS, SOFT		210.0cm	
276				-276cm - GRAVEL, SUB ROUNDED, ≤ 2 cm		SC1337G	
285				-285cm WOOD PIECES		240.0cm	
						SC1337H	
						270.0cm	
						SC1337I	
						300.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 20.00 (ft)

Processing Recovery Depth: 20.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: 5C1337

Collection Date/Time: 8/2/24 0946

Core Logged By: LM

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
330				HYDROCARBON ODORS		5C1337J	
				340cm WOOD PIECES		330.0cm	
20				350cm GRAVEL, SUBROUNDED $\leq$ 2cm		5C1337K	
						360.0cm	
10				386cm WOOD PIECES - HYDROCARBON ODORS		5C1337L	
						390.0cm	
420						5C1337M	
	40	60		426cm - 609.6cm GRAY SILTY FINE SAND DRY, STIFF, NO ODOR		426.0cm	
				437cm GRAY MOTTLED / BLACK LENSES STIFF FINE SAND / SOFT SILT		5C1337N	
				458cm - WOOD PIECES		456.0cm	
480				470cm - 480cm ROOTS & WOOD PIECES		5C1337O	
				490cm ROOTS		486.0cm	
510				509cm ROOTS		5C1337P	
						516.0cm	
540	80	20		536cm GRAY FINE SAND LENS, STIFF		5C1337Q	
						546.0cm	
570	40	60		560cm TRANSITION TO STIFF, FINE, GRAY SANDY SILT		5C1337R	
	80	20		576cm TRANSITION TO FINE SAND, GRAY/TAN STIFF, NOT WET		576.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 20.00 (ft)

Processing Recovery Depth: 20.00 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1337

Collection Date/Time: 8/2/24 0946

Core Logged By: LM

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
600		80	20	609.6cm END OF SAMPLE		SC1337S 609.6cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.50 (ft)

Processing Recovery Depth: 19.55 (ft)

Adjusted Recovery Percentage: 100.0

Notes:

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

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				0-595.9 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR @ 14 cm worm @ 25 cm WOOD FRAGMENT (8 cm) TWIG (7 cm) @ 28 cm WOOD FRAGMENT (4 cm) @ 35 cm WOOD FRAGMENT (7 cm)	30	SCI338A	
60					60	60.0cm SCI338B	
90					90	90.0cm SCI338C	
120					120	120.0cm SCI338D	
150					150	150.0cm SCI338E	
180					180	180.0cm SCI338F	
210					210	210.0cm SCI338G	
240					240	240.0cm SCI338H	
270					270	270.0cm SCI338I	
300				@ 232 cm ORGANIC FIBER	300	300.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.50 (ft)

Processing Recovery Depth: 19.55 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1338

Collection Date/Time: 5/21/24 1217

Core Logged By: James Miller

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
330				@ 342 cm - 364 cm FINE-GRAINED SAND LAYER WHITE, RED, GRAY GRAINS	330	SC1338J	
360				@ 365 cm WOOD FRAGMENT (5 cm)	360	SC1338K	
390				@ 372 cm SUBROUNDED GRAVEL	390	SC1338L	
420				@ 381 cm ORGANIC FIBER	420	SC1338M	
450				@ 390 cm ORGANIC FIBER	450	SC1338N	
480				@ 391 - 413 cm GRAY CLAY LAYER	480	SC1338O	
510				@ 430 cm RUBBER BAND, METAL SHARD	510	SC1338P	
540				@ 432 cm SHELL HASH	540	SC1338Q	
570				@ 445 cm SUBANGULAR ROCK	570	SC1338R	
600				@ 458 cm METAL WIRE	600	SC1338S	
630				@ 465 cm ANTHROPOGENIC DEBRIS (LOOKS LIKE PIECE OF WHITE CHEWED BUBBLE GUM)	630	SC1338S	
660				@ 485 cm SHELL FRAGMENTS	660	SC1338S	
690				@ 506 cm GLASS VIAL	690	SC1338S	
720				@ 512 cm SHELL HASH	720	SC1338S	
750				@ 532 cm WOOD FRAGMENT (5 cm)	750	SC1338S	
780				@ 543 cm SHELL FRAGMENT	780	SC1338S	
810				@ 555 cm SHELL HASH	810	SC1338S	
840				@ 572 cm TWIG (3 cm)	840	SC1338S	
870				END OF BORING @ 595.9 cm	870	SC1338S	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1339

Job No. 210075.01.03

Collection Date/Time: 5/30/24 @ 1144

No. of Sections: 1

Core Logged By: RP

Penetration Depth: ~~16.70~~ 14.60 (ft)

Attempt #: 1

Processing Recovery Depth: 13.15 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.1%

Diameter of Core (inches) 4.00

Notes: refusal at 14.6ft

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		15	85	0-359 SIFT WITH SAND (ML) soft to medium stiff, moist, blackish gray, fine grained sand, silt, no sheen, no odor @24cm fibers @32cm shell hash @47cm clam shell @51cm wood pieces	30	-23.3 ft MLLW	
60				@76cm gray silt pocket @87cm gray streaking	60	SC1339A	
90				@126cm fibers @147cm grades to medium stiff	90	-26.7 ft MLLW 92.0cm SC1339B	
120				@22cm grades to soft	120	30 ft MLLW 134.0cm SC1339C	
150				@241-252cm brownish gray streaking @256cm grades to medium stiff	150	-32 ft MLLW 239.0cm SC1339D	
180				@284cm grades medium stiff to stiff	180	266.0cm SC1339E	
210					210	293.0cm	
240					240		
270					270		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1339

Job No. 210075.01.03

Collection Date/Time: 5/30/24 @ 1144

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 14.60 (ft)

Attempt #: 1

Processing Recovery Depth: 13.15 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.17

Diameter of Core (inches) 4.00

Notes: re-fsal @ 14.60ft

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
330		15	85	Continued SILT WITH SAND (ML)		SC1339F	
				@327cm-359cm brownish gray sandy silt mottling, fine grained sand; grades to stiff	330	320.0cm	
340						SC1339G	
		55	45	@354cm gray silt pocket	350	359.0cm	
				359-400.8cm SILTY SAND (SM)		SC1339H	
				dense, moist, dark brownish gray, silt, fine to medium grained sand,			
				no sheen, no odor			
				@370cm: 1ft lens			
				@377-380cm sand lens			
410				END OF BORING @400.8cm	410	400.8cm	

geo

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 15.65 (ft)

Adjusted Recovery Percentage: 82.4%

Notes:

Location ID: SC1340

Collection Date/Time: 7/19/27 1409

Core Logged By: ATJ

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
				V. soft, wet, Blackish-gray, ^{S.H} w/ Sand (ML), no sheen, no odor Roots @ 19.64, 70, 170 cm			
					30	-20.54 m.u.w	
						SC1340A	
					60	-23.74 m.u.w	
						79.5 cm	
					90		
						SC1340B	
					120		
					150	-26.84 m.u.w	
					170	159.0 cm	
					180		
						SC1340C	
					210	-28.5 cm	
						30.04 m.u.w	
					240	238.5 cm	
						SC1340D	
					270		
						-32.04 m.u.w	
						288.4 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 15.65 (ft)

Adjusted Recovery Percentage: 82.4%

Notes:

Location ID: SC1340

Collection Date/Time: 7/9/24 1909

Core Logged By:

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
						SC1340E	
					335	313.5cm	
						SC1340F	
						338.2cm	
					360	SC1340G	
						362.9cm	
						SC1340H	
					390	387.6cm	
						SC1340I	
					420	412.3cm	
						SC1340J	
						437.0cm	
					460	SC1340K	
						466.7cm	
					480	SC1340L	
						477.0cm	
				EOP	477 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 23.00 (ft)

Processing Recovery Depth: 19.7 (ft)

Adjusted Recovery Percentage: 85.7%

Notes:

Location ID: SC1341

Collection Date/Time: 7/10/24 1408

Core Logged By: AB

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 - 584.3 cm V. soft, wet, blackish-gray, clayey SILT (ML), no skin, no odor Organics (leaf) @ 34 cm Charcoal @ 38 cm Twig/stick 84, 140 cm Roots 163, 264, 392, 490 cm Synthetic (plastic) 211, 340, 537 cm Shell 279 302 cm Sand infingers (580 cm) non-native.			
					30		
					60	SC1341A	
					90		
					120	115.1 cm	
					150		
					180	SC1341B	
					210		
					240	230.2 cm	
					270	SC1341C	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 23.00 (ft)

Processing Recovery Depth: 19.17 (ft)

Adjusted Recovery Percentage: 83.3%

Notes:

Location ID: SC1341

Collection Date/Time: 7/10/24 1908

Core Logged By: AB

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
					330	SC1341C	✓
					360	345.3cm	
					380	SC1341D	✓
					420	396.1cm	
					450	SC1341E	✓
					480	426.1cm	
					510	SC1341F	✓
					540	446.1cm	
					570	SC1341G	✓
					600	476.1cm	
					630	SC1341H	✓
					660	496.1cm	
					690	SC1341I	✓
					720	526.1cm	
					750	SC1341J	✓
					780	546.1cm	
					810	SC1341K	✓
					840	584.3cm	
				EOP			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.50 (ft)

Processing Recovery Depth: 15.46 (ft)

Adjusted Recovery Percentage: 88.3%

Notes:

Location ID: SC1342

Collection Date/Time: 01/17/24 1024

Core Logged By: James Meaton

Attempt #: 2

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	0	10	90	0-321.5 cm Silt (ml) SOFT, wet, BLACKISH-GRAY, SILTY, LOW TO MEDIUM PLASTICITY, NO SHEEN, NO ODOR @ 10 cm worm	30	SC1342A	
60				@ 49 cm GRADES TO MOIST	60	53.0cm SC1342B	
90				@ 99 cm wood FIBERS	90	79.5cm SC1342C	
120				@ 130 cm RANDOM ROCK	120	106.0cm SC1342D	
150					150	132.5cm SC1342E	
180					180	159.0cm SC1342F	
210					210	185.5cm SC1342G	
240					240	212.0cm SC1342H	
270				@ 258 cm BROWN clay pocket	270	238.5cm SC1342I	
300				@ 279 cm BROWN clay pocket	270	265.0cm SC1342J	
					300	291.5cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1342

Job No. 210075.01.03

Collection Date/Time: 6/12/24 1026

No. of Sections: 1

Core Logged By: JAMES MENA

Penetration Depth: 17.50 (ft)

Attempt #: 2

Processing Recovery Depth: 18.46 (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
	0	35	65	@ 306-321.5 cm SANDY SILT LENS (ML) @ 314-321.5 cm LATE ANTHROPOGENIC WOOD DEBRIS		SC1342K	
320	0	90	10	321.5-370.5 cm POORLY-GRADED SAND (SP) MEDIUM DENSE, MOIST, GRAY SAND, FINE TO MEDIUM GRAINED, TRACE SILT, NO SHEEN, SLIGHT H2S-LIKE ODOR	330	321.5cm	
360				@ 345-355 cm OLIVE-BROWN SILT LENS, STIFF	360	348.0cm	
				@ 355-359 cm POORLY-GRADED SAND (SP) MEDIUM TO COARSE GRAINED		SC1342M	
390				@ 359-370.5 cm OLIVE-BROWN SILT LENS, STIFF	390	370.5cm	
420	0	100	0	370.5-430.5 cm POORLY-GRADED SAND (SP) MEDIUM DENSE, MOIST, GRAY SAND, MEDIUM TO COARSE GRAINED, WHITE, RED, ORANGE GRAINS, NO SHEEN, NO ODOR	420	397.0cm	
450	0	75	25	430.5-471.2 cm POORLY-GRADED SAND w/ SILT (SP-SM) MEDIUM DENSE, MOIST, LIGHT BROWN, FINE TO MEDIUM GRAINED SAND SILT, NO SHEEN, NO ODOR	450	430.5cm	
480					480	SC1342P	
						471.2cm	

ged

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Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 12.58 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1343

Collection Date/Time: 6/14/24 1343

Core Logged By: James Melton

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	0	10	90	0-383.4 cm SILT (ML) VERY SOFT, WET, BLACKISH-BROWN, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	0	-26.1 ft MLLW	
30					30	SC1343A	
60				@50 cm GRADES TO SOFT, WET @59.5-119.0 cm MODERATE H ₂ S-LIKE ODOR	60	-28.1 ft MLLW 59.5 cm	
90				@69 cm TWIGS, WOOD FRAGMENTS, BARK @75-80 cm TWIGS, BARK	90	SC1343B	
120				@98 cm FINE-GRAINED SAND LENSE @105 cm TWIG @115-118 FINE-GRAINED SAND LENSE @120-129 cm FINE-GRAINED SAND LENSE	120	-30.0 ft MLLW 119.0 cm	
150				@147 cm 7.5" VOID PRIOR TO CUTTING OPEN 3.5" VOID AFTER CUTTING OPEN	150	SC1343C	
180					180	32.0 ft MLLW 180.0 cm	
210					210	SC1343D	
240					240	210.0 cm	
270					270	SC1343E	
300				@236 cm WOOD FIBER / ROOT	300	240.0 cm	
						SC1343F	
						270.0 cm	
						SC1343G	
						270.0 cm	
						SC1343H	
						270.0 cm	
						SC1343I	
						270.0 cm	
						SC1343J	
						270.0 cm	
						SC1343K	
						270.0 cm	
						SC1343L	
						270.0 cm	
						SC1343M	
						270.0 cm	
						SC1343N	
						270.0 cm	
						SC1343O	
						270.0 cm	
						SC1343P	
						270.0 cm	
						SC1343Q	
						270.0 cm	
						SC1343R	
						270.0 cm	
						SC1343S	
						270.0 cm	
						SC1343T	
						270.0 cm	
						SC1343U	
						270.0 cm	
						SC1343V	
						270.0 cm	
						SC1343W	
						270.0 cm	
						SC1343X	
						270.0 cm	
						SC1343Y	
						270.0 cm	
						SC1343Z	
						270.0 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 12.58 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1343

Collection Date/Time: 6/14/24 1343

Core Logged By: James Meron

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
320	0	10	90	@ 321 cm Fiber/Root	320	SC1343H	
360				@ 362 cm Twine	360	SC1343I	
380				@ 383.4 cm End of Bacteria	380	SC1343J	
					383.4 cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 17.96 (ft)

Adjusted Recovery Percentage: 94.5%

Notes: Resistance (2ft to end.)

Location ID: SC1344

Collection Date/Time: 5/30/24 @ 1028

Core Logged By: RP

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
30		15	85	0-547.4cm SILT WITH SAND (ML). very soft, blackish gray, wet, fine to medium grained sand, SILT, worms throughout	30	-22.5ft MLW	
60		5	95	@43cm wood piece @44cm grades to soft, no worms @64cm grades to faint sulfur-like odor @66cm grades to trace fine grained sand @70cm wood piece @90cm grades to soft to medium stiff, moist @98-129cm gray streaking @139cm grades to wet @177cm fiber @192cm grades to no odor @195-204cm gray streaking @214cm wood fibers and pieces @267cm wood fragments @277cm RP for wood pieces @283cm grades to stiff, moist	60	SC1344A	
90					90	-26.25ft MLW 108.0cm	
120					120	SC1344B	
150					150		
180					180		
210					210	-30ft MLW 216.0cm	
240					240	SC1344C	
270					270	-32ft MLW ns 273.0cm 273.6cm SC1344D	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00

Processing Recovery Depth: 17.96

Adjusted Recovery Percentage: 94.5%

Notes: resistance @ 12 ft to end

Location ID: SC1344

Collection Date/Time: 5/30/24 @ 1028

Core Logged By: RP

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
330		5	95	Continued SILT (ML) @309cm fiber	362.0 cm	SC1344E	
						SC1344D	
350					330.6 cm	SC1344F	
				@351-450cm brownish gray silt with fine grained sand mottling	350.4 cm		
360				@358cm fiber		358.8 cm	
				@369cm grades to faint petroleum-like odor		SC1344G	
390						387.2 cm	
						SC1344H	
420				@420cm wood piece, 5cm		415.6 cm	
				@425cm wood piece, 2cm		SC1344I	
				@435cm wood piece		444.0 cm	
450						SC1344J	
				@463cm grades to no odor		472.4 cm	
480						SC1344K	
				@502-599cm brownish gray, fine grained sand with silt lenses		500.8 cm	
510				@514cm wood fragments		SC1344L	
				@531cm wood piece, 4cm		529.2 cm	
540				@533cm wood fragments		SC1344M	
				@534-547.4cm brownish gray silt with fine grained sand mottling		547.4 cm	
570				END OF BORING @ 547.4cm			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: SC1345

Job No. 210075.01.03

Collection Date/Time: 7/15/24 0955

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 19.00 (ft)

Attempt #: 1

Processing Recovery Depth: 16.30 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 85.8 %

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
0-19.00	20	80	80	0-19.00 - SANDY SILT (ML) Very soft, wet, blackish gray, fine to medium grained sand, SILT, no sheen, no odor	0-19.00	SC1345A	
10-30.00	10	90	90	@27cm grades to soft, lower sand content @30cm root-like wood @37cm sand pocket	30-60.00	51.5cm SC1345B	
60-90.00				@65cm wood chunk	60-90.00	77.2cm SC1345C	
90-120.00	5	95	95	@53cm fine gravel piece @51cm coarse gravel piece @60cm grades to soft to medium stiff, trace fine wood, faint petroleum-like odor @109mm mussel shell	90-120.00	102.9cm SC1345D	
120-150.00				@123cm grades to moist to wet	120-150.00	128.6cm SC1345E	
150-180.00				@171cm silty sheen Acet	150-180.00	154.3cm SC1345F	*
180-210.00				@195cm fine root	180-210.00	180.0cm SC1345G	
210-240.00				@210cm grades to wet	210-240.00	205.7cm SC1345H	
240-270.00				@230cm fibrous wood fragments @213cm silty sand pockets @243cm fibrous wood fragments @251cm silty sand pocket	240-270.00	231.4cm SC1345I	
270-300.00				@262cm wood fragments, silty sand pocket @266cm grades to medium dense, moist	270-300.00	257.1cm SC1345J	
300-330.00				@293cm fibrous wood fragments @297cm wood fragments, silty sand pocket	300-330.00	282.8cm SC1345K	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: SC1345

Job No. 210075.01.03

Collection Date/Time: 7/15/09 0955

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 1900 (ft)

Attempt #: 1

Processing Recovery Depth: 1630 (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
330		5	95	continued SILT (ML)	308.5cm	SC1345L	
				@323cm silty sand pocket	334.2cm	SC1345M	
360					359.9cm	SC1345N	
390				@336cm silty sand pocket	385.0cm	SC1345O	
				@343cm silty sand pocket; silty mud pocket	411.3cm	SC1345P	
420				@344cm grades to faint petroleum-like odor	437.0cm	SC1345Q	
450				@434cm grades to no odor; gray clay pocket	462.7cm	SC1345R	
				@441-446cm gray coloring	496.8cm		
480				@462cm faint sulfur-like odor			
				@471cm tannish brown clay clast			
510				@483cm fine to medium grained sand pocket			
540				END OF BORING @ 496.8cm			
570							

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.00

Processing Recovery Depth: 8.98

Adjusted Recovery Percentage: 89.8%

Notes:

Location ID: SC1346

Collection Date/Time: 7/12/24 @ 1305

Core Logged By: AD

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 - 273 cm - Soft, wet, blackish-gray Silty clay, low plasticity, no stain, no odor Dimensional lumber 62cm Stick 82cm			
					30	SC1346A	
					60	-30 ft mull 52.0cm	
					90	SC1346B	
					120	-32 ft mull 106.8cm	
					150	SC1346C	
					180	133.7cm	
					210	SC1346D	
					240	160.6cm	
					270	SC1346E	
					300	187.5cm	
					330	SC1346F	
					360	214.4	
					390	SC1346G	
					420	241.3	
					450	SC1346H	
					480	273.7cm	

EOB

273.7
cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: SC1347

Job No. 210075.01.03

Collection Date/Time: 7/11/24 @ 1242

No. of Sections: 1

Core Logged By: A+B

Penetration Depth: 10.5 (13.4 ft)

Attempt #: 1

Processing Recovery Depth: 12.8 ft (15.4 ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 81.4%

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
				0-409.3cm Soft, wet, Blackishgray, Clayey Silt, nosten, H ₂ S odor (0-60cm)		-19.9 ft m/w	
				Shells 27, 21, 32, 67 cm	30	SC1347A	✓
				Stick 174 cm	60		✓
				Roots	90	-23.3 ft m/w	✓
						83.5 cm	
					120	SC1347B	
					150		
					180	-26.6 ft m/w	✓
						167.0 cm	
					210	SC1347C	✓
					240		
					270	-30 ft m/w	
						250.5 cm	
						SC1347D	

 ANCHOR
QEA

Location ID: 5C1347

Collection Date/Time: 7/11/24 1242

Core Logged By: AJB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page _____ of 2

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 1460 (ft)

Processing Recovery Depth: 12.77 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1348

Collection Date/Time: 6/11/24 0748

Core Logged By: JAMES MCLEOD

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	0	5	95	0-389.2 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, MODERATE H ₂ S-LIKE ODOR	30	SC1348A	
60					60.0cm	SC1348B	
70				@78 cm SHEEN FRAGMENT	90.0cm	SC1348C	
100				@100 cm GRADES TO MOIST @105 cm TWIG (5 cm) @111 cm SHEEN FRAGMENT	120.0cm	SC1348D	
130				@135 cm BRICK FRAGMENT	150.0cm	SC1348E	
150				@148 cm worm	180.0cm	SC1348F	
180				@180 cm GRADES TO SLIGHT H ₂ S-LIKE ODOR	210.0cm	SC1348G	
210				@210 cm GRADES TO NO ODOR	240.0cm	SC1348H	
240				@240 cm SLIGHT PETROLEUM-LIKE ODOR @249 cm GRADES TO MEDIUM STIFF, LOW TO MEDIUM PLASTICITY	270.0cm	SC1348I	
270				@264 cm TWIG, FIBERS, ROOTS @281 cm TWIG, FIBERS, ROOTS	300.0cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.60 (ft)

Processing Recovery Depth: 12.77 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1348

Collection Date/Time:

01/11/24 0748

Core Logged By:

James Martin

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
32		5	95	@ 306-313 cm OLIVE-BRAY SILT LENSE	32	SC1348J	
30				@ 330 cm NO PETROLEUM-LIKE ODOR	30	330.0cm SC1348K	
28				@ 357-363 cm 200B, FIBRES	28	360.0cm SC1348L	
				@ 383 cm 200B, FIBRES			
				@ 388 cm SLIGHT RAINBOW SHEEN IN SHOE			
				END OF BORING @ 389.2 cm		289.2cm	

END OF BORING @ 389.2 cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 9.28 (ft)

Adjusted Recovery Percentage: 100.0%

Notes: easy then refusal at 9ft

Location ID: SCB50

Collection Date/Time: 6/10/24 0620

Core Logged By: JAMES MURN

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
30	0	10	90	0-282.9 cm SILT (ML) VERY SOFT, WET, BLACKISH-BROWN, SILT, LOW PLASTICITY, FINE-GRAINED SAND, NO SILT, NO ODOR @11 cm worm @15-20 cm SHELL HASH	30	SCB50A	~
60				@70-80 cm SHELL HASH	60	60.0cm SCB50B	~
90				@106 cm small WOOD DEBRIS, FIBERS	90	90.0cm SCB50C	~
120				@120 cm GRADES TO WET, SOFT	120	120.0cm	~
150	0	40	60	@130-138 cm GRADES TO OLIVE-BROWN COLOR @140-170 cm SANDY SILT (ML) @150 cm TWIG, WARM SHELL FRAGMENT	150	SCB50D 150.0cm	~
180				@170 cm BARK FRAGMENT	180	SCB50E 180.0cm	~
210				@179 cm small WOOD FRAGMENTS, FIBERS @180-210 cm SLIGHT H ₂ S-LIKE ODOR @201 cm SHELL HASH	210	SCB50F 210.0cm	~
240	0	70	30	@216 cm SHELL HASH @217-226 cm SILTY SAND (SM) LENSE	240	SCB50G 240.0cm	~
270	0	95	5	@233-239 cm FINE TO MEDIUM GRAINED SAND LOUSE GRAY @241 cm GRADES TO LIGHT BROWN SILT @246 cm WOOD FIBERS @263 cm WOOD FIBERS @272 cm WOOD FIBERS — END OF BORING @ 282.9 cm	270	SCB50H 282.9cm	~

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 6.70 (ft)

Processing Recovery Depth: 5.25 (ft)

Adjusted Recovery Percentage: 78.4%

Notes:

Location ID: IT1351

Collection Date/Time: 6/6/24 1059

Core Logged By: LM

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4 hand

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		10	90	0-160cm BLACK SILT W/ SAND, ML, WET, SOFT - 11cm STIFFENS W/ DEPTH, NO SHEEN, ODOR DELAY - 18cm ROOTS & FIBERS, BLACK - 25cm WORM - 25cm WOOD PIECES - 38cm GLASS, METAL FRAGMENTS - 42cm GRAVEL BLACK, sub Angular - 44cm WOOD PIECES - 49cm GRAVEL, BLACK, sub Angular - 54cm GRAVEL, BLACK, sub Angular - 65cm GRAVEL, BLACK, sub. Angular - 69cm Shell - 72cm Metal FILING - 75cm WOOD PIECE - 85cm - 95cm SILT LENS, N - 95cm GRADES BACK TO SILT W/ SAND - 103cm WOOD PIECES, PETROLEUM ODOR - 111cm WOOD PIECES - 120cm WOOD PIECES - 137-142cm GRAY MOTTLING - 149cm CLEAR PLASTIC SHEETING - 160cm END OF SAMPLE	35.3cm IT1351A		
60					58.8cm IT1351B		
90					82.3cm IT1351C		
120					105.8cm IT1351D		
150					129.3cm IT1351E		
180					160.0cm IT1351F		

Sediment Core Processing Log

ANCHOR
QEA

Job: LDW AOC5 MR Phase 2

Location ID: IT1352

Job No. 210075.01.03

Collection Date/Time: 01/01/24 0940

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 6.60 (ft)

Attempt #: 1

Processing Recovery Depth: 4.64 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 70.3%

Diameter of Core (inches) 4 hand

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		15	85	0-141.4 cm BLACK SILT ML, TRACE SAND -12cm Shell NO ODOR, NO SHEEN AT TOP. -14.5-18cm PETRO ODOR BELOW 60 cm WET WOOD PIECES -42cm WOOD PIECES -51cm Shell -57cm WOOD PIECES -59cm Shell 63cm Rts & Shell FRAGMENTS - PETROLEUM 68cm Roots & Shell FRAGMENTS - ODOR 73cm Shell 77cm Shell FRAGMENTS 85cm FIBER 87cm Shell FRAGMENTS, WOOD + ROOTS 100 -97cm GRADES TO SILT (ML) GRAY -105cm MOTTLING WOOD PIECES -111-118cm ROOTS, Shell FRAGMENTS, & WOOD PETROLEUM ODOR -141.4cm END OF SAMPLE	30	IT1352A	▲
60					31.6cm	IT1352B	▲
90					52.7cm	IT1352C	~
120					73.8cm	IT1352D	~
150					94.9cm	IT1352E	~
					116.0cm	IT1352F	~
					141.4cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.24, 19.40 (ft)

Processing Recovery Depth: 17.24 (ft)

Adjusted Recovery Percentage: 88.9%

Notes:

Location ID: SC1353

Collection Date/Time: 5/31/24 1129

Core Logged By: RP

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		15	85	0-52.5 cm SILT WITH SAND (ML) Soft, Wet, BLACKISH GRAY, fine grained SAND, SILT, no sheen, no odor, wood pieces, worm AT 13cm	30	SC1353A	
60				62 cm grades to medium silt	60	53.3cm SC1353B	
90				65 cm shell	90	80.0cm SC1353C	
120				68 cm grades to no wood pieces	120	106.7cm SC1353D	
150				94 cm WOOD piece	150	133.4cm SC1353E	
180				107 cm Shell Fragment	180	160.1cm SC1353F	
210				120 cm grades to faint petroleum like odor	210	186.8cm SC1353G	
240				127 cm wood pieces	240	213.5cm SC1353H	
270				187 cm wood fibers	270	240.2cm SC1353I	
				202 cm wood pieces		266.9cm SC1353J	
				210 cm blue thread-like fiber		297.293.6cm	
				214-373m wood pieces			
				219 to 465 cm fibers			
				230 cm shell fragment			
				266 cm grades to medium stiff to stiff			
		5	95	281 cm grades to trace fine sand			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.40 (ft)

Processing Recovery Depth: 17.24 (ft)

Adjusted Recovery Percentage: 88.9%

Notes:

Location ID: SC1353

Collection Date/Time: 5/3/12 4:11:28

Core Logged By: R.P.

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
330		5	95	Continued SILT (ML) @ 306cm Wood piece, 15cm @ 312cm Shell fragment	330	SC1353K 320.5cm	
360				@ 353cm Gray silt banding @ 360cm White crumbling substance @ 364-365cm Gray silt lense	360	SC1353L 347.0cm SC1353M 370-373.7cm	
390					390	SC1353N 400.4cm	
420				@ 421cm Gracles to dark grey	420	SC1353O 427.1cm	
450		15	85	@ 459cm Increased sand content, gracles to	450	SC1353P 453.8cm	
480				@ 465cm light brown silt pocket, 3cm @ 466cm gracles to no odor @ 475cm gray fine sand pocket	480	SC1353Q 480.5cm	
510				@ 490-525.5cm fine to medium grained sand mottling	510	SC1353R 507.2cm	
540				@ 512 fine grained, gray silty sand pocket	540	SC1353S 525.5cm	
570				END OF BORING @ 525.5 cm	570		
600					600		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 16.00 (ft)

Processing Recovery Depth: 18.30 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

Collection Date/Time: 5/24/24 0901

Core Logged By: James Meron

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	0	5	95	0-194 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, TRACE FINE GRAINED SAND, STREAK H ₂ S-LIKE ODOR, NO SHEEN @ 35 cm GRAY CLAY POCKET @ 50 cm GRAY CLAY POCKET @ 60 cm STICK (4 cm) @ 67-72 cm GRAY SILT LENS @ 84 cm SLIGHT SHEEN BUBBLES @ 101 cm GRAY CLAY POCKET @ 152 cm GRAY CLAY POCKET, GRADES TO MEDIUM DENSE @ 187 cm DECOMPOSED WOOD FRAGMENT 194-557.8 cm SILTY SAND (SM) STIFF, WET, BLACKISH-GRAY, SILTY SAND, FINE GRAINED SAND, NO SHEEN, SLIGHT H ₂ S-LIKE ODOR @ 205 cm STICK (9 cm) @ 224 cm DECOMPOSED WOOD FRAGMENTS @ 245 cm ORGANIC FIBERS, GRADES TO MOIST @ 254 cm GRADES TO NO ODOR @ 264-413 cm INTERBEDDED SAND/SILT SAND	0	SC1354A	
30					30		
60					60	60.0 cm	
90					90	SC1354B	
120					120	90.0 cm	
150					150	SC1354C	
180					180	120.0 cm	
210					210	SC1354D	
240					240	150.0 cm	
270					270	SC1354E	
300					300	194.0 cm	
	0	60	40			SC1354F	
						204.0 cm	
						SC1354G	
						251.0 cm	
						SC1354H	
						291.0 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 16.00 (ft)

Processing Recovery Depth: 18.30 (ft)

Adjusted Recovery Percentage: 100 1/2

Notes:

Location ID: SC1354

Collection Date/Time: 5/24/24 0901

Core Logged By: James Merz

Attempt #: 2

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
320					320	SC1354 I	
						344.0cm	
340					360	SC1354 J	
						344.0cm	
360					380	SC1354 K	
						374.0cm	
380					400	SC1354 L	
						404.0cm	
400	95	5		@ 413-464 cm Poorly-sorted sand layer Fine-grained sand	420	SC1354 M	
				@ 431 cm wood fragments		434.0cm	
420					440	SC1354 N	
						464.0cm	
440	75	25		@ 464-530 cm Disturbed sand/silt sand	480	SC1354 O	
						494.0cm	
460					500	SC1354 P	
						524.0cm	
480	95	5		@ 530-557.8 cm Poorly-sorted sand layer Fine-grained sand	540	SC1354 Q	
				End of Borehole @ 557.8 cm	560	557.8cm	

End of Borehole @ 557.8 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.40 (ft)

Processing Recovery Depth: 4.51 (ft)

Adjusted Recovery Percentage: 83.51

Notes:

Location ID: IT1355

Collection Date/Time: 6/16/24 0913

Core Logged By: LM

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4 hard

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		10	90	0-137.5cm. BLACK SILT WITH SAND. NO WOOD -6.5cm Shell NO SHEEN. WET GRADES TO INCREASE -13cm TAN SAND CONTENT SAND CLASTS -19cm WOOD PIECES -25cm GRAVEL PIECE, ANGULAR, BLACK -33cm WOOD PIECE -42cm WOOD PIECES -47cm WOOD PIECES -52cm Shell -57cm ROOTS & GRAVEL PIECE, BLACK, Angular -66.5cm ROOTS		IT1355A	0
60						37.6cm IT1355B	~
90		20	80	-71.5cm WOOD PIECES. -75cm SAND content INCREASES -80-100cm WOOD PIECES > 1cm Dia. DENSE -106cm WOOD PIECE		62.7cm IT1355C	~
120						87.8cm IT1355D	▲
150				-126cm WOOD PIECE -137.5 END		112.9cm IT1355E	▲
						137.5cm	▲

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1356

Job No. 210075.01.03

Collection Date/Time: 5/29/24 @ 1131

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 19.40 (ft)

Attempt #: 3

Processing Recovery Depth: 18.32 (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
0-30		5	95	<u>RP</u> 0-52.7cm SILT (ML) 56.8.4 Very soft, blackish gray, wet, trace fine grained sand, silt, occasional sticks wood fragments @16cm grades to soft and moist @30cm 4 (4) worms @44cm fiber	0-30	SC1356A	
60					56.6cm	SC1356B	
90				@87cm grades to soft to medium stiff	84.9cm	SC1356C	
120				@102cm shell	113.2cm	SC1356D	
150				@142-177cm soft	141.5cm	SC1356E	
180					169.8cm	SC1356F	
210					198.1cm	SC1356G	
240				@240 shells @249 shell	226.4cm	SC1356H	
270				@274 shell fragment	257.7cm	SC1356I	
					233.0cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.40

Processing Recovery Depth: 18.32

Adjusted Recovery Percentage: 94.4%

Notes:

Location ID: SC1356

Collection Date/Time: 5/29/24 @ 1131

Core Logged By: RP

Attempt #: 3

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
330		5	95	Cont. mud Silt (ML) @314cm ^{RP} grades to medium stiff	330	SC1356J 311.3cm	
360					360	SC1356K 339.6cm	
390				@369-453cm faint petroleum-like odor	390	SC1356L 367.9cm	
420				@453- ^{RP} 558.4cm end of occasional wood fragments	420	SC1356M 396.2cm	
450					450	SC1356N 424.5cm	
480					480	SC1356O 452.8cm	
510				@510cm Fiber	510	SC1356P 481.1cm	
540				END OF BORING @ 537.7cm	540	SC1356Q 509.4cm	
570				END OF BORING @ 558.4cm	570	SC1356R 537.7cm	
						SC1356S 558.4cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.30 (ft)

Processing Recovery Depth: 8.85 (ft)

Adjusted Recovery Percentage: 95.2%

Notes:

Location ID: SC1357

Collection Date/Time: 5/31/24 1049

Core Logged By: RP

Attempt #: 3

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		35	65	0-229cm SANDY SILT (ML) very soft, wet, blackish gray, fine to medium grained sand, silt, wood fibers throughout, no sheen, strong sulfur-like odor @5cm grades to medium stiff @15cm worm @23cm grades to lower sand content @40cm shell	30	SC1357A	
60		15	85	@69cm grades to no wood fibers @70cm red fleck, paint chip-like @75cm grades to trace sand	60	57.1cm SC1537B	
90		5	95	@114cm wood piece @127-133cm increase in sand content @133-155cm gray silt lense @155cm grades to decreased sand content, strong petroleum-like odor @155cm-184cm wet lense with wood fibers throughout	90	85.7cm SC1537C AV	
120		25	75	@195cm leaf @194cm grades to stiff, no sand content	120	114.3cm SC1537D	
150					150	142.9cm SC1537E	
180					180	171.5cm SC1537F	
210					210	200.1cm SC1537G	
240				229-269.7cm SILTY SAND (SM)/ POORLY GRADED SAND (SP) dense, moist, striated fine grained sand and medium to fine grained sand with trace silt, gray, no sheen, strong petroleum-like odor @263cm grades to moderate sulfur-like odor @255cm wood fragments	240	229.0cm SC1537H	
270				END OF BORING @ 269.7cm	270	269.7cm SC1537I	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: IT1358

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 1000

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 5.80 (ft)

Attempt #: 2

Processing Recovery Depth: 4.33 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 74.7

Diameter of Core (inches) 4.00

Notes: easy drive to hard refusal

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	0-132cm BLACK SILT w/ SAND. No Sheen, ODOR			
				11cm WOOD BELOW 85cm. SOFT, WET (ML)			
				15cm WOOD PIECES			
				20cm Shell FRAGMENTS			
				26cm ROOTS			
				37cm LEAF + WOOD PIECES			
				42cm WOOD PIECES			
				47cm Shell FRAGMENTS			
				52cm Shell FRAGMENTS / TRANSITION TO MOD. STIFF			
		40	60	52-61cm BLACK SANDY SILT LENS, ASPHALT PIECES		IT1358A	
				63-70cm BLACK SANDY SILT LENS, FIBERS (SM)		23.60cm	
				72cm ROOTS & 1cm thick SANDY SILT (SM)		IT1358B	
		40	60	74cm BLACK SANDY SILT LENS (SM)		56.0cm	
				79cm BLACK SANDY SILT LENS (SM)		IT1358C	
				84cm WOOD PIECES		78.4cm	
				92cm ROOTS & WOOD PIECES		IT1358D	
				95.5cm CLEAR PLASTIC FILM		100.8cm	
				98cm WOOD PIECES		IT1358E	
				100cm GRAY MOTTLED in MOD. STIFF (ML)			
				122cm WOOD PIECES			
				132cm END OF SAMPLE			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.10 (ft)

Processing Recovery Depth: 1.75 (ft)

Adjusted Recovery Percentage: 56.5%

Notes:

Location ID: IT1359

Collection Date/Time: 6/6/24 1206

Core Logged By: LM

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4" hand

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	0-15cm SILT w/ SAND, TAN/RED SILT CLASTS, WOOD, ROOTS, FIBERBOARD PIECES		IT1359A	
				15cm BLACK SILT, WITH SAND, GRAY MOTTLING, SOFT, WET.		25.4cm	
				30cm Petroleum ODORS		IT1359B	
				38cm WOOD PIECES		53.3cm	
				50cm CLAY PIPE FRAGMENT			
				53.3cm END OF SAMPLE			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.40 (ft)

Processing Recovery Depth: 3.60 (ft)

Adjusted Recovery Percentage: 66.6%

Notes:

Location ID: IT1360

Collection Date/Time: 6/6/21 1422

Core Logged By: LM

Attempt #: 3

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 - 109.7 BLACK SILT w/ SAND, WET, SOFT - 10cm shell NO SHEEN / ODOR - 18 - 24cm WOOD PIECES < 2cm D.I.A. - 33cm ROOTS - 37cm ROOTS - 43cm ROOTS + WOOD PIECES - 54cm Shell 60 40 - 64cm > FINE SILTY SAND LENS, SM. BLACK w/ Red + white grains. 5 45 - 84cm - 94cm ROOTS - 98cm WOOD PIECES + FIBERS - 109.7 END OF SAMPLE	0	IT1360A	Sketch of sediment core with wood pieces and roots.
30					30.0cm		
60					IT1360B		
					50.0cm		
					IT1360C		
					70.0cm		
					IT1360D		
					90.0cm		
					IT1360E		
					109.7cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.80 (ft)

Processing Recovery Depth: 1.86 (ft)

Adjusted Recovery Percentage: 66.4

Notes:

Location ID: IT1361

Collection Date/Time: 6/6/24 1153

Core Logged By: Lm

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4" hand

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
0-56.7cm				BLACK SALT, TRACE SAND ML WET TAN SP LENS WORMS WOOD PIECES + Fibers Petroleum ODOOR WOOD PIECES END OF SAMPLE	0-56.7cm	IT1361A 29.9cm IT1361B 56.7cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: IT1362

Job No. 210075.01.03

Collection Date/Time: 6/17/24 @ 1255

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 3.40 (ft)

Attempt #: 1

Processing Recovery Depth: 2.40 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 70.6%

Diameter of Core (inches) 4.00

Notes: hand abrased; easy to penetrate.

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		60	40	0 - 15cm TAN/RED MEDIUM SILTY SAND (SM), WORM fm	0	IT1362A	
15		55	45	15cm - 73.2cm BLACK SILT W/ GRAY SILT S. ODOR, NO SHEEN, SOFT, WET	15	31.8cm	
30				47cm ROOTS	30	IT1362B	
45				59cm to 73.2cm SILT WITH WOOD PIECES LEAVES, GRASS, ROOTS	45	53.0cm	
60					60	IT1362C	
75				73.2cm END OF SAMPLE	75	73.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.90 (ft)

Processing Recovery Depth: 3.45 (ft)

Adjusted Recovery Percentage: 61.9%

Notes:

Location ID: IT1363

Collection Date/Time: 6/16/24 1304

Core Logged By: LM

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4" hand

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
0-11.3cm			95	BLACK SILT w/ SAND. SOX COOR NO SHEEN WET, SOFT	27.9cm	IT1363A	▲
10-21 cm				WOOD PIECES	46.5cm	IT1363B	▲
41-46cm				Roots + WOOD PIECES	65.1cm	IT1363C	▲
51cm				WOOD PIECES	83.7cm	IT1363D	▲
60-62cm				WOOD PIECES		IT1363E	▲
71				SHELL FRAGMENTS			▲
80				SHELL			▲
111.3				END OF SAMPLE	111.3cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: 1T1364

Job No. 210075.01.03

Collection Date/Time: 01/7/24 @ 1158

No. of Sections: 1

Core Logged By: LM

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) 4.00

Notes: refwsl @ 2 ft

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		10 40	40	BLACK SILT ML			
		60 40	40	5.10 cm RED/BROWN SILTY SAND (SM)		1T1364A	
		60 90	90	WITH ROOTS, LOOSE WET, NO ODOM			
				12cm METAL FILINGS			
				15cm WORM			
				17cm ROOTS + WOOD PIECES	30	29.3 cm	
		5 45	45	30cm GRADES TO SILT, BLACK, PETROLEUM		1T1364B	
				ODOR MOD. S&B			
				39.6cm END OF SAMPLE		39.6 cm	
						cc	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 12.92 (ft)

Adjusted Recovery Percentage: 99.41

Notes:

Location ID: SC1365

Collection Date/Time: 07/03/24 11:24 AM

Core Logged By: James Medina

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed



0403

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		0-393.8 cm SILT (ML) SOFT, WET, BLACKISH GRAY SILT, LOW TO MEDIUM PLASTICITY, TRACE FINE GRAINED SAND, NO SHEEN, NO ODR	30	SC1365A	
60				@54 cm ROOTS / FIBERS	60	59.6cm	
80				@64 cm SHELL MASH	80	SC1365B	
120				@79 cm SHELL MASH	90	89.4cm	
140				@90 cm GRADE D MUDST	120	SC1365C	
160					149.2cm	SC1365D	
180				@140 cm TWIG / FIBER	180	149.0cm	
200				@154 cm SHELL MASH	180	SC1365E	
220				@161 cm SHELL MASH	180	176.8cm	
240					210	SC1365F	
260				@208 cm - 393.8 cm SILTY PETROLEUM OIL 2	210	208.6cm	
280				@215 cm SMALL PLASTIC PIECES	210	SC1365G	
300				@230 cm PIECES, ROOTS	240	238.4cm	
320					270	SC1365H	
				@275 cm FINE-GRAINED SAND LEUSE	270	266.2cm	
					300	SC1365I	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 12.92 (ft)

Adjusted Recovery Percentage: 99.4%

Notes:

Location ID: SC1365

Collection Date/Time: 01/11/24 0703

Core Logged By: J

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.9

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
330					330	SC1365J	
						327.8cm	
360	0	40	60	@362 cm GRADES TO SANDY SILT (ML) @368 - 382 cm BARK, TWIGS, FIBERS	360	SC1365K	
						357.6cm	
390				@393.8 cm END OF BURN	390	SC1365L	
						393.8cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1366

Job No. 210075.01.03

Collection Date/Time: 01/7/24 @ 1330

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 6.20 (ft)

Attempt #: 1

Processing Recovery Depth: 4.56 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 73.5%

Diameter of Core (inches) 4.00

Notes: hand vibracore, easy drive to refusal.

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		20	80	0-12.5cm BLACK SOFT, WET SANDY SILT -14cm WOOD 5 ODOR, NO SHEEN (ML) -21cm SHELLS -22cm WOOD PIECES -22cm WOOD PIECES + SHELLS -55cm GLASS < 6cm -70cm ROOTS -74cm ROOTS	30	SC1366A	
60					60	44.1cm SC1366B	
90		30	70	-76cm GRADES TO SANDY SILT (ML)	90	66.2cm SC1366C	
120		15	85	-107cm TRANSITION BACK TO SILT W/ SAND BLACK, GRAY (SR) -125cm END OF SAMPLE 139cm	120	88.3cm SC1366D	
					150	110.4cm SC1366E	
						139.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.30 (ft)

Processing Recovery Depth: 3.46 (ft)

Adjusted Recovery Percentage: 65.3%

Notes:

Location ID: IT1367

Collection Date/Time: 6/15/24 1010

Core Logged By: LM

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4 (hand)

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	45	0-91 cm BLK ML-SOFT, WET BLACK SILT W/TRACE SAND. DECAY ODOR. ROOTS, FIBERS 5-10 cm ROOTS, 10 cm FIBER, BLK, 16 cm BLK FIBER 29.5-33cm WOOD & ROOTS 37-39cm WOOD PIECES 42cm RED FIBER 49-56cm ROOTS + WOOD ≤ 9cm DIA. SHELLS 59-60cm SMALL GRAVEL PIECES, Angular 69cm ROOTS 72cm WOOD FRAGMENTS 73cm BLK FIBER 77cm SHELLS	IT1367A 29.4cm IT1367B 49.0cm IT1367C 68.6cm IT1367D		
60		60	40	91cm Contact w/ BLK SM, FINE GRAIN SAND W/TRACE ROOTS 99cm CLEAR PLASTIC FRAGMENT 105.5cm END SAMPLE	88.2cm IT1367E 105.5cm		
90							
120							

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: IT1368

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 1215

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 2.50 (ft)

Attempt #: 3

Processing Recovery Depth: 1.89 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 75.6%

Diameter of Core (inches) 4.00

Notes: hand vibracore, easy to retrieve.

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		15	85	0-56.7cm BLACK SILT WITH SAND, SOFT, WET S. ODOR, No Sheen 10 cm METAL shavings 1 piece 14 cm BLUE FIBER 16 cm WOOD PIECES 18 cm ROOTS 37cm WOOD PIECES 41cm WOOD PIECES 44cm WOOD PIECES 56.7cm END OF SAMPLE	30	IT1368A 34.0 IT1368B 57.6cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: 1T1369

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 1027

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 3.30 (ft)

Attempt #: 1

Processing Recovery Depth: 2.00 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 60.6%

Diameter of Core (inches) 4.00

Notes: handbracore - easy to retrieval

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		30	80	0-61cm BLACK SANDY SILT, (ML) LOOSE, WET 5cm Roots 10cm WOOD PIECES 14cm WOOD PIECES 23cm Roots & WOOD PIECES 35-48cm Dense grass, Roots & LEAVES 51cm Shell FRAGMENTS 54cm FIBERS & WOOD PIECES 61cm END NO SHEEN S ODO2	30	1T1369A 27.3cm 1T1369B 45.5cm 1T1369C 61.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 18.77 (ft)

Adjusted Recovery Percentage: 98.8%

Notes:

Location ID: SC1371

Collection Date/Time: 6/12/24 0704

Core Logged By:

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	10	90	0-52 cm silt (mud) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, SLIGHT H ₂ S-LIKE ODOR @ 5 cm TWIG (8 cm), FIBERS @ 10 cm REED, FIBERS @ 25 cm TWIGS, FIBERS @ 72 cm TWIGS, FIBERS @ 79 cm FIBERS @ 86 cm SHEEN HASH @ 130 cm FIBERS, REEDS @ 150 cm FIBERS, REEDS @ 155 cm TWIGS, BARK @ 178 cm SHEEN HASH, FIBERS @ 207-237 cm SLIGHT PETROLEUM-LIKE ODOR @ 224 cm BARK, TWIGS, WOOD FRAGMENTS @ 247-252 cm DRIVE-GRAY SILT POCKET @ 234 cm TWIG (6 cm)	0	SC1371A	~ ~ ~ ~
60					59.3 cm	SC1371B	~ ~ ~ ~
90					88.9 cm	SC1371C	~ ~ ~ ~
120					118.5 cm	SC1371D	~ ~ ~ ~
150					148.1 cm	SC1371E	~ ~ ~ ~
180					177.7 cm	SC1371F	~ ~ ~ ~
210					207.3 cm	SC1371G	~ ~ ~ ~
240					236.9 cm	SC1371H	~ ~ ~ ~
270					266.5 cm	SC1371I	~ ~ ~ ~
300					296.1 cm		~ ~ ~ ~

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 19.00 (ft)

Processing Recovery Depth: 18.77 (ft)

Adjusted Recovery Percentage: 98.8%

Notes:

Location ID: SC1371

Collection Date/Time: 6/12/24 0706

Core Logged By:

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
320				@330 cm DECOMPOSED LEAF	320	SC1371 J 325.7 cm	
360					360	SC1371 B 355.3 cm	
380				@385-474 cm SLIGHT PETROLEUM-LIKE ODOR	380	SC1371 Q 384.9 cm	
420					420	SC1371 E 414.5 cm	
460				@437 cm TWIG, FIBERS, ROOTS	460	SC1371 F 444.1 cm	
500				@450-473 cm FIBERS, ALUMINUM FOIL PIECES, PAPER PIECES	500	SC1371 P 473.7 cm	
540				@490 cm ALUMINUM FOIL PIECES	540	SC1371 R 503.3 cm	
580				@510 cm TWIGS, FIBERS, ROOTS	580	SC1371 N 532.9 cm	
620				@545 cm TWIGS, FIBERS	620	SC1371 J 572.1 cm	
660				@572.1 cm END OF BORING	660	SC1371 J N	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: SC1372

Job No. 210075.01.03

Collection Date/Time: 7/10/12 7:11:24 @ 8334

No. of Sections: 1

Core Logged By: A7B

Penetration Depth: 15.00

(ft)

Attempt #: 3

Processing Recovery Depth: 12.90

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 86.0%

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- 393.2 soft, wet, clayey S.H.(m) Has odor, no stem, blackish gray (0-60cm) Petroleum-like odor @ 354cm Twig/stick @ 52, 187, 242cm Roots 23cm Shell 36, 67cm Synthetic (plastic, wraps, cigarette butts) 263, 337, 354, 375	30 60 90 120 150 180 210 240 270	SC1372A 51.6cm SC1372B 77.4 SC1372C 103.2 SC1372D 129.0 SC1372E 154.8 SC1372F 186.6 SC1372G 206.4 SC1372H 232.2 SC1372I 258.0 SC1372J 283.8	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.90 ~ 15.0 (ft)

Processing Recovery Depth: 12.90 (ft)

Adjusted Recovery Percentage: 86.0%

Notes:

Location ID: SC1372

Collection Date/Time: 7/11/24 @ 0834

Core Logged By: ATB

Attempt #: 3

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
				SPP		SC1372 K 309.6	
					330	SC1372 L 335.4	
					360	SC1372 M 361.2	
				393.2cm EOB	390	SC1372 N 393.2	
				EOB			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1373

Job No. 210075.01.03

Collection Date/Time: 7/11/24 @ 1035 1056

No. of Sections: 1

Core Logged By: ATB

Penetration Depth: 6.00 (ft)

Attempt #: 3

Processing Recovery Depth: 4.10 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 68.3%

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
				0-56cm V soft, wet, Blackish-gray, Silty, no sheen, no odor		1T1373A	
				0cm - Beer Bottle, whole	30.7		
				17cm - wood debris		1T1373B	
				29cm Roots	56.0		
				56-125cm - loose, wet, Blackish-gray gravel, no sheen, no odor	76.5		
				> 1 in rock size		1T1373C	
					97.2		
						1T1373D	
						1T1373E	
				EOB	125.0		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.50 (ft)

Processing Recovery Depth: 3.19 (ft)

Adjusted Recovery Percentage: 70.9%

Notes:

Location ID: ^{cc} ~~543~~ IT1374

Collection Date/Time: 7/11/24 0956

Core Logged By: ATB

Attempt #: 3

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
				0-97.2cm v. soft, wet, Blackish-gray Silt, no shen, no odor 6cm → metal fragment twigs 24cm Rock 62cm glass 69cm EOB	30 60 90 97.2cm	IT1374A 31.9cm IT1374B 55.0cm IT1374C 76.3cm IT1374D 97.2cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.0

Processing Recovery Depth: 1.80

Adjusted Recovery Percentage: 90.0%

Notes:

Location ID: IT1376

Collection Date/Time: 7/11/24 1129

Core Logged By: ATB

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- 54.9cm V. soft, wet, Blackish-gray clayey silt w/sand (ML) glass - 16cm, 50cm Sand lens 32-38cm twig 28cm Rock 5cm EOB	30 40.5cm 60 54.9cm	IT1376A IT1376B	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1378

Job No. 210075.01.03

Collection Date/Time: 7/12/24 0854

No. of Sections: 1

Core Logged By: ALB

Penetration Depth: 3.00 (ft)

Attempt #: 1

Processing Recovery Depth: 2.21 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 73.79%

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
				0-67.4 cm Loose, moist, Blackish-gray, Sand (SP) w/silt. no shun, no odor		1T1378A	
				gravel lens 20-30 cm	30	33.2	
				32cm > 3" Rock (concrete)	60	1T1378B	
				EOB —	67.4	67.4	
				Roots @ 17			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 0.38 (ft)

Adjusted Recovery Percentage: 91.1%

Notes:

Location ID: SC1382

Collection Date/Time: 0125124 1437

Core Logged By: LM

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	0-114.5 cm BLACK SILT, ML, TRACE SAND WET, NO ODOR, NO SHEEN 8cm TRASH 11cm SHELL 12cm WOOD PIECE 21cm BLACK FIBER 59cm BLACK FIBER 90cm WOOD PIECE 113cm LEAF 117cm WOOD PIECE 120cm ROOTS 125cm WOOD PIECES 164-167cm LAYERED WOOD, ROOTS + LEAVES DENSE ORGANIC MATTER 194.5cm END OF SAMPLE	30	SC1382A	▲
60					54.7cm	SC1382B	
90					82.0cm	SC1382C	▲
120					109.3cm	SC1382D	▲
150					136.6cm	SC1382E	▲
180					163.9cm	SC1382F	▲
210					194.5cm		

 ANCHOR
QEA

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole

Diameter of Core (inches)

Core Quality

Summary
Sketch

SCI 383A

58.9cm

SCI 383B

88.4cm

Sci 383C

117.9cm

SCI 383D

147.4 cm

SCi353E

@ 179.5 cm end of 32.14%

179.5cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.90 (ft)

Processing Recovery Depth: 7.25 (ft)

Adjusted Recovery Percentage: 80.6%

Notes:

Location ID: SC1384

Collection Date/Time: 6/11/24 0905

Core Logged By: James Martin

Attempt #:

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
0-30	0	5	95	0-221.0 cm Silt (fine) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, SLIGHT H ₂ S-LIKE ODOR @ 0-8 cm WOOD FIBERS, ROOTS @ 23 cm SHEEN @ 53 cm GETS TO MOIST, OLIVE-GRAY WATER TO 58 cm @ 58-62 cm WOOD FRAGMENTS, FIBERS @ 73 cm DECOMPOSED WOOD @ 84-88 cm WOOD DEBRIS LENSE @ 120 cm MORE PLASTICITY @ 198 cm OLIVE-GRAY SILT LENSE @ 207 cm OLIVE-GRAY SILT LENSE @ 221 cm END OF BORING	0-30 30-60 60-90 90-120 120-150 150-180 180-210 210-240	SC1384A 48.4cm SC1384B 72.6cm SC1384C 96.8cm SC1384D 121.0cm SC1384E 145.2cm SC1384F 169.4cm SC1384G 193.6cm SC1384H 221.0cm	0-30 30-60 60-90 90-120 120-150 150-180 180-210 210-240

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

QEA

6013
P
270.1
cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 10.93 (ft)

Adjusted Recovery Percentage: 95.0

Notes:

Location ID: SC1386

Collection Date/Time: 5/27/24 1000

Core Logged By: James Melton

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 - 333.1 cm Silt (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SANDS, NO SHEEN, SLIGHT H ₂ S-LIKE ODOR @ 15 cm ORGANIC FIBERS	0	SC1386A	
30					30		
60					60	57.0 cm SC1386B	
90				@ 80 cm GRADES TO MOIST @ 85.5 cm GRADES TO NO ODOR	90	85.5 cm SC1386C	
120					120	114 cm SC1386D	
150				@ 154 cm ORGANIC FIBER	150	142.5 cm SC1386E	
180					180	171 cm SC1386F	
210					210	199.5 cm SC1386G	
240				@ 240 cm TWIG (9 cm) @ 251 cm ORGANIC FIBER	240	228 cm SC1386H	
270					270	256.5 cm SC1386I	
300					300	285 cm SC1386J	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 10.93 (ft)

Adjusted Recovery Percentage: 95.0

Notes:

Location ID: SC1386

Collection Date/Time: 5/21/24 1000

Core Logged By: James Merwin

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
330	0	5	95	CONTINUED @ 313-317 cm gray clay pocket End of Barrel @ 333.1 cm	330	313.5 cm SC1386K 333.1 cm	

ECB
333.1

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 7.63 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1387

Collection Date/Time: 10/15/24 1553

Core Logged By: LM

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 7.6

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
0-232.6 cm				BLACK SILT, TRACE SAND (ML) WET, NO ODOR, NO SHEEN 20-25cm TAN Mottling 43cm WOOD PIECES 67cm ROOTS 88cm ROOTS 98-102cm ANGLED SP LENS, FINE GRAINED 102cm WORM SAND, BLACK, w/ RED & WHITE 110-118 TAN ML MOTTLING & ROOTS 125-135 SP ANGLED LENS, FL. M.C. 140 cm ROOTS, CLAST OF ORGANIC MATERIAL 216cm ROOTS 224 GRADES TO SP. BLACK F.G. M.C. -232.6cm END OF SAMPLE	0-232.6 cm	SC1387A	
					60.0 cm	SC1387B	
					90.0 cm	SC1387C	
					120.0 cm	SC1387D	
					150.0 cm	SC1387E	
					180.0 cm	SC1387F	
					210.0 cm	SC1387G	
					232.6 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 8.00 (ft)

Processing Recovery Depth: 9.17 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1388

Collection Date/Time: 10/12/24 0800

Core Logged By: James Merwin

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	0-279.5 cm Silt (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 20 cm worm @ 42 cm GRAPES TO MUST @ 45 cm FIBERS @ 67 cm FIBER @ 87 cm TAR PAPER @ 93 cm FIBER @ 120 cm LOW TO MEDIUM PLASTICITY @ 170 - 262 cm INTERBEDDED LIGHT BROWN SILT LAMINATION @ 192 cm FIBER @ 203 cm BARK, FIBERS @ 250 cm RICH @ 266 cm FIBERS @ 279.5 cm END OF BORING	30	SC1388A	
60					60	60.0cm SC1388B	
90					90	90.0cm SC1388C	
120					120	120.0cm SC1388D	
150					150	150.0cm SC1388E	
180					180	180.0cm SC1388F	
210					210	210.0cm SC1388G	
240					240	240.0cm SC1388H	
270					270	279.5 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.50 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1390

Collection Date/Time: 5/13/24 1501

Core Logged By: N. Bacher

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		20	80	0-164 cm: SILT WITH SAND (ML): grayish black, v. soft, wet non-plastic, sand is fn-cr.	30	SC1390A	
60					60	60cm SC1390B	
90					90	90cm SC1390C	
120				@117: 1/2" rounded gravel	120	120cm SC1390D	
150				grades moist, soft @ 120	150		
180		95	5	164-349 cm: POORLY GRADED SAND (SP): grayish black, moist, mod. dense, sand is fn-cr.	180	164.0cm SC1390E	
210				@183: three 1" rounded gravel, small shell, 1/2" clear glass piece, 1/2" flat light-weight aggregate	210	194.0cm SC1390F	
240				@200: 1/2" piece of glass	240	224.0cm SC1390G	
270				@202 & 214: 1/2" rounded gravel, shell frags.	270	254.0cm SC1390H	
				@220 & 254: 2.5x2.5" piece of plastic.		284.0cm	
				@230, 292, 317: trace shell hash			
				@239: 2" subrounded light weight aggregate.			
				similar material to core liner.			

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Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50

Processing Recovery Depth: 11.50

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1390

Collection Date/Time: 5/13/24 1501

Core Logged By: N. Bacher

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
330				SAA: @ 327: 1/4" angular piece of glass	330	SC1390I 314.0cm SC1390 J	3-3 Δ
360				END OF CORE @ 349cm.	360	349.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 3.78 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1399

Collection Date/Time: 5/17/24 1521

Core Logged By: A. White

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	0-115.2cm SILT (ML), soft, wet to moist, dark grey to black, non plastic @ 7 clay clast, olive grey @ 20 wood piece, 2" @ 46 Unidentified fibers, white/colorless @ 50-60 rocks, round-sub-round, 1"-3" @ 56 Brick fragments, 1"-2" @ 81, 101, 103 socks, subrounded 1"-2" @ 89 clay clast, olive grey CORE ENDS @ 115.2cm	30	SC1399	
60					60		
90					90		
120					120		
150					150		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.73 (ft)

Adjusted Recovery Percentage: 91.0%

Notes:

Location ID: SC1401

Collection Date/Time: 6/20/24 0815

Core Logged By:

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 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
30	0	10	90	0-49 cm SILT (ml) VERY SFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @15-27 cm ROUNDED GRAVELS, BRICK FRAGMENTS, CONCRETE FRAGMENTS @34 cm GRADES TO MOIST, SFT	30	SC1401	
60	0	100	0	49-83.2 cm POORLY-GRADED SAND (SP) LOOSE, MOIST, BLACKISH-GRAY, FINE TO MEDIUM GRAINED SAND, NO SHEEN, NO ODOR @63 cm GRADES TO COARSER SANDS @83.2 cm END OF BURING	60	54.6cm	
90					90		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 0.30 (ft)

Processing Recovery Depth: 5.15A (ft)

Adjusted Recovery Percentage: 5.50A

Notes: 787.3'

Location ID: IT1402

Collection Date/Time: 5/23/24 0821

Core Logged By: ZP

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	0	05	35	0-47cm SILTY SAND(SM) very loose, wet, blackish gray, fine grained sand, silt, no sheen, no odor @13cm wood fragments 0.5cm long	30	IT1402A	
60	0	80	20	47-102cm SAND with SILT (SP-SM) very loose, moist, blackish gray, fine grained sand, silt, no sheen, no odor	60	39.3cm IT1402B	
90					90	65.5cm IT1402C	
120	0	20	80	102-144cm SILT with SAND(ML) very soft, blackish gray, silt, fine grained sand, wet, no sheen, no odor @112cm wood fragments and fibers	120	96.7cm IT1402D	
150	5	05	30	144-157cm SILTY SAND loose, moist, blackish gray, fine grained sand, trace subrounded medium gravel, no odor, no sheen END of BORING @ 157.0cm	150	117.9cm IT1402E	
180					180	167.0cm	
210					210		
240					240		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.60

Processing Recovery Depth: 5.08

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: 1T1404

Collection Date/Time: 7/26/24 @ 1049

Core Logged By: RP

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
30		5	95	0-154.8cm Silt (ML) Soft, wet, blackish gray, fine grained sand, silt, no sheen, faint petroleum-like odor @0-5cm increased sand content (sandy silt) @25cm sand pocket @38cm mo. st. (grades to), faint sulfur-like odor @40-47cm interbedded sand @53-65cm sand lens @75cm wood pieces; grades to med. am stiff to stiff @114cm shell fragments, wood piece @127cm grades to stiff @137cm wood piece END OF BORING @ 154.8cm	30	1T1404A	
60					60	1T1404B	
90					90	1T1404C	
120					120	1T1404D	
150					150	1T1404E	
180					180		
210					210		
240					240		
270					270		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.20 (ft)

Processing Recovery Depth: 19.95 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1405

Collection Date/Time: 5/23/24 1311

Core Logged By: RP

Attempt #: 2

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	0	0	100	0-20.30m Silt (ML) Soft, blackish gray, wet, silt, no odor, no sheen @0cm wood piece, 13cm @20cm wood fragment @30cm wood fragment @20 @71cm wood fragment @90cm wood fragment @129cm wood piece @157cm grades sandier @160-513cm thin root-like wood throughout @195cm bark-like wood piece @198-292cm sand lens @247cm wood piece, 5cm 263-502cm SAND (SP) Loose, wet, blackish gray, fine grained sand, no odor, no sheen	0	0	100	SC1405A 60.0cm SC1405B 90.0cm SC1405C 120.0cm SC1405D 150.0cm SC1405E 180.0cm SC1405F 210.0cm SC1405G 240.0cm SC1405H 263.0cm SC1405I 293.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.20 (ft)

Processing Recovery Depth: 19.45 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1405

Collection Date/Time: 5/23/94 1311

Core Logged By: RP

Attempt #: 2

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
330	0	95	5	cont. mixed SAND (SP) @330cm wood fragment @336cm wood fragment @338cm wood fragment	330	SC1405J	~ ~ ~
360	0	95	5	@360cm wood piece, 5mm @362cm wood piece @369cm wood piece @370cm wood fragment @376cm wood fragment @377cm wood fragment @386cm wood piece, 7mm @390-410cm silt, loose, moist	360	SC1405K	~ ~ ~
390	0	95	5		390	SC1405L	~ ~ ~
420	0	95	5		420	SC1405M	~ ~ ~
450	0	95	5	@434cm wood piece @438cm wood piece, 4cm @447cm wood piece @460cm wood piece	450	SC1405N	~ ~ ~
480	0	95	5	@484cm curved wood piece	480	SC1405O	~ ~ ~
510	0	95	5	502-508.1 SILT (ML) soft, moist, blackish gray; silt, fine grained sand, no odor, no sheen	510	SC1405P	~ ~ ~
540	0	95	5	@532-532cm petroleum-like odor	540	SC1405Q	~ ~ ~
570	0	95	5		570	SC1405R	~ ~ ~
	0	95	5		592.0cm	SC1405S	~ ~ ~
	0	95	5		592.0cm		~ ~ ~

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.20 (ft)

Processing Recovery Depth: 19.95 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1405

Collection Date/Time: 5/23/24 1311

Core Logged By: RP

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
				Continued SILET (ML) END of BORING @ 608.1cm		SC1405T 608.1cm	
608							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 11.91 (ft)

Adjusted Recovery Percentage: 99.3%

Notes:

Location ID: 3C1406

Collection Date/Time: 5/23/24 1417

Core Logged By: James Meyer

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	0-249 cm SILT (ml) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY. TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @10 cm SHEEN @19 cm ORGANIC FIBERS @42 cm ORGANIC FIBERS	30	MLLW-20.0 ft SC1406A	
60					60	MLLW-22.0 ft 60.6 cm SC1406B	
90					90	90.4 cm SC1406C	
120				@108 cm ORGANIC FIBERS @121 cm STICK (2cm), FIBERS	120	120.2 cm SC1406D	
150					150	150.0 cm SC1406E	
180				@166 cm GRADES TO MOIST	180	179.8 cm SC1406F	
210				@191-202 cm ORGANIC FIBERS	210	209.6 cm SC1406G	
240		65	35	249-3630 SILTY SAND (SM) MEDIUM DENSE, WET, BLACKISH-GRAY SILTY SAND, FINE GRAINED SAND, NO SHEEN, NO ODOR @253 cm STICK (4 cm) @260 cm - 274 cm STICKS/FIBERS	240	249.0 cm SC1406H	
270				@286 cm - 300 cm ORGANIC FIBERS / SMALL MUCK	270	278.8 cm	
300					300		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 11.91 (ft)

Adjusted Recovery Percentage: 99.3%

Notes:

Location ID: SC1406

Collection Date/Time: 5/23/24 1917

Core Logged By: James M. [unclear]

Attempt #: 2

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
330	0	65	35	... CONTINUED SILTY SAND (SM) @ 310-322 cm ORGANIC FIBERS @ 331 cm stick (4 cm)	330	SC1406I	
320					320	308.6 cm	
						SC1406J	
						338.4 cm	
					360	SC1406K	
				End of BORING @ 363.0 cm		363.0 cm	

GOB
@
363.0
cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1407

Job No. 210075.01.03

Collection Date/Time: 6/12/24 1024

No. of Sections: 1

Core Logged By: James Martin

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

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		10	90	0-83.8 SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 0-5 cm SANDY SILT (ML), TWIGS, RUBB @ 9-17 cm SILTY SAND (SM) @ 26 cm BARK FRAGMENT @ 35 cm GRADES TO MEDIUM STIFF @ 50-54 cm TWIGS, BARK, RUBB, WOOD DEBRIS LEAF @ 83.8 cm END OF BORING	30	SC1407	
60					60	55.0cm	
90					90		

 ANCHOR
QEA

Location ID: SC1408

Collection Date/Time: 05/24/13 11

Core Logged By: LM

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 1 of 2

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 116.00 (ft)

Processing Recovery Depth: 116.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1408

Collection Date/Time: 6/3/24 1311

Core Logged By: LM

Attempt #: 2

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
820		5	95	ML, ^{LM} FINE BLACK SILT w/ trace SAND. MOD. STIFF. ^{LM} NOT WET PETROLEUM ODOR		SC1408J	
340				340-343cm - FINE SAND LENS, BLK SAND w/ RED + White grains	330.0cm	SC1408K	
360				348-350cm - PETROLEUM ODOR/SP LENS 356cm Roots	360.0cm	SC1408L	
380				381-385cm Roots	390.0cm	SC1408M	
400				389-392cm FINE SAND LENS, BLK SAND w/ RED + White grains SP LENS	420.0cm	SC1408N	
420				399-401cm SP LENS - BLK F.G. SAND M.C.	450.0cm	SC1408O	
440				406-408cm SP LENS - BLK F.G. SAND M.C.	487.7cm		
460				410cm Roots			
480				417cm - 419cm SP LENS - BLK F.G. SAND M.C.			
500				427cm Roots			
				465-467 SP LENS - BLK F.G. SAND M.C.			
				-487.7cm END OF SAMPLE.			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections:

Penetration Depth: 14.3 A 17.00 (ft)

Processing Recovery Depth: 15.43 (ft)

Adjusted Recovery Percentage: 90.81

Notes:

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

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
				0-470.3 V. soft, wet, Blackish-gray Clayey silt, Strong H ₂ S odor @ 17cm Roots	17.0 ft MLLW	SC1409A	
					18.5 ft MLLW	41.5 cm	
					60	SC1409B	
					83.0 cm		
				@ 105 Becomes Sandy @ 111 Roots @ 160 cm Fibers	90	SC1409C	
					120		
					150	SC1409D	
					165.6 cm		
				@ 195 wood	180	SC1409E	
					192.8 cm		
					210	SC1409F	
					220.0 cm		
				@ 257 wood debris x 2	240	SC1409G	
					247.2 cm		
				@ 270 wood debris / Roots	270	SC1409H	
					274.4 cm		
						SC1409I	

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

QEA Page 2 of 2

 ANCHOR
QEA

Location ID:

Collection Date/Time:

Core Logged By: AR

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 1 of 1

 ANCHOR
QEA

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 1 of 2

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 10.03 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: IT1413

Collection Date/Time: 7/8/24 1441

Core Logged By: AB

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
				LOB	305.7 cm	IT1413J 305.7 cm	
					380		
					360		
					340		
					420		
					440		
					460		
					480		
					500		
					520		
					540		
					560		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.75 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1414

Collection Date/Time: 01/31/24 1104

Core Logged By: LM

Attempt #: 3

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	0-358.1 cm ML - BLACK Silt w TRACE SAND WET, NO ODDR OR SHEEN, LOOSE -22 cm WOOD FRAGMENTS SHELL		SC1414A	
60				40 cm ROOTS 45 cm STIFFENS TO STIFF 47 cm WOOD + ROOTS 50 cm STIFF NODULES 58 cm SHELL		60.0 cm SC1414B	
90				64.5 cm WOOD PIECES 76.5 cm BLACK FIBERS 81 cm GRAVEL, GRAY, Sub Angular		90.0 cm SC1414C	
120				96 cm WOOD PIECES 100.5 cm BLK FIBER 104 cm CLEAR FISHING LINE 114 cm 2 cm WOOD PIECES 116 cm ROOTS 120 cm BLACK FIBERS 122.5 cm FISHING LINE		120.0 cm SC1414D	
150				135 cm MOD. STIFF SILT NODULES + Sub Angular GRAVEL, GRAY 144 cm GRAY MOD. STIFF SILT NODULES		150.0 cm SC1414E	
180				154.5 cm GRAVEL PIECE, GRAY, Sub Angular 171 cm BLACK FIBER 174.5 cm GRAVEL PIECE, GRAY, Sub Angular 178 cm ROOTS		180.0 cm SC1414F	
210				185.5 cm WOOD PIECE 191 cm BLACK FIBER		210.0 cm SC1414G	
240				222 cm Small mod-stiff gray silt nodule 230.5 cm ROOTS		240.0 cm SC1414H	
270				248.5 cm ROOTS + WOOD PIECES 250 cm ROOTS 252.5 cm BLACK FIBER 263 cm MOD. STIFF GRAY SILT NODULE		270.0 cm SC1414I	
300				276 cm ROOTS 290 cm MOD. STIFF GRAY SILT NODULE			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.75 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1414

Collection Date/Time: 6/5/24 1104

Core Logged By: LM

Attempt #: 3

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
330		0	100	ML, NO SAND, MODERATELY STIFF NOT WET, NO ODR 308 cm Roots 314 cm RED FIBERS 335 cm 5cm TAN/GRAY FINE SILT NODULE 358.1 cm END OF SAMPLE	330.0cm	SC1414J	~
340					358.1cm	SC1414K	○

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 16.00 (ft)

Processing Recovery Depth: 15.02 (ft)

Adjusted Recovery Percentage: 93.9%

Notes:

Location ID:

SC1415

Collection Date/Time:

01/5/24 1139

Core Logged By:

LM

Attempt #:

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	BLACK SILT w/TRACE SAND ML, WET, NO ODOR - 0 - 457.8 cm 20 cm WOOD PIECE 27 cm Roots 34 cm Shell 37.5 cm BLACK FIBER 38.5 cm Roots + WOOD 48.5 cm WOOD 51.5 - 57 cm GRAVEL, BLACK, GRAY, Angular + Fibers 68.5 cm WOOD PIECE 72 cm Roots		SC1415A	
60				93 cm BLACK FIBER 117 cm Roots		56.3 cm SC1415B	
90				121 cm WOOD PIECES 125 cm WOOD PIECES		84.5 cm SC1415C AV	
120				154 cm Roots 159.5 cm GRASS 165 cm WOOD, LARGE PIECE (710 cm)		112.7 cm 112.7 cm SC1415D	
150				181 cm GRASS 185.5 cm WOOD PIECE 189 cm WOOD PIECE		140.9 cm SC1415E	
180				241 cm ROOTS 248.5 cm ROOTS 251.5 cm ROOTS & LEAF		169.1 cm SC1415F	
210				269.5 cm ROOTS		197.3 cm SC1415G	
240				293 cm CLUSTS, BLACK, SANDY SILT (3m)		225.5 cm SC1415H	
						253.7 cm SC1415I	
						281.9 cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1415

Job No. 210075.01.03

Collection Date/Time: 01/31/24 1139

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 16.00 (ft)

Attempt #: 1

Processing Recovery Depth: 15.02 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.9%

Diameter of Core (inches) 9

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
330		10	40	324 cm CLASTS, BLACK, SANDY SILT (SM)		SC1415J	
				336 cm FIBERS, BLACK		310.16m	
				348 cm FIBERS, BLACK		SC1415K	
						338.30m	
360		15	85	360cm GRADES TO SANDIER, SILT w/ SAND		SC1415L	
				374 cm ROOTS		366.5cm	
				382 cm TAN SILT CLASTS (ML)		SC1415M	
390						394.7cm	
				403 cm FIBERS, BLACK		SC1415N	
				418 cm FIBERS, BLACK		422.9cm	
420							
				445cm - 458cm BLACK, FINE SAND LENS, TRACE SILT, (SP)		SC1415O	
450						457.8cm	
				457.8cm END OF SAMPLE RECOVERY			
480							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.50 (ft)

Processing Recovery Depth: 14.55 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1416

Collection Date/Time: 5/31/24 0822

Core Logged By: ZS

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		20	80	0-443.5cm SILT WITH SAND Very soft, wet, blackish gray, silt, fine grained sand with trace medium grains, no sheen, no odor @14cm soft to medium stiff, grades to, moist @24cm wood fragments @29cm wood fibers and piece @39cm wood piece, 3cm	30	SC1416A	
60				@45cm grades to soft	60	39.6cm	
90				@40cm gray shearing @100cm gray silt pocket	90	SC1416B	
120				@147cm fiber	120	100.6cm	
150				@165cm clam shell @166cm wood fragments @175cm wood piece @182cm grades to medium stiff	150	SC1416C	
180				@199cm fiber	180	130.6cm	
210				@212cm wood piece @217cm root-like fiber	210	SC1416D	
240				@245-268cm gray sandy silt lense	240	160.6cm	
270				@277cm gray lense, wood fragments @290-309cm brownish gray silt lense	270	SC1416E	
					280	190.6cm	
					290	SC1416F	
					300	220.6cm	
					310	SC1416G	
					320	250.6cm	
					330	SC1416H	
					340	280.6cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1414

Job No. 210075.01.03

Collection Date/Time: 5/31/24 0822

No. of Sections: 1

Core Logged By: JP

Penetration Depth: 14.50 (ft)

Attempt #: 1

Processing Recovery Depth: 14.53 (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
330		20	80	Cont. med. silt with sand (mls) @30cm grades to medium stiff @310-340cm slight brownish gray mottling @317cm root-like wood fiber @323-328cm wood fibers and piece	330	SC1416J	
				@340-400cm faint petroleum-like odor @340cm-351cm sandy silt lens		310.6cm	
				@349cm root-like fiber @351cm grades to silt, trace fine sand, medium stiff		SC1416J	
360		25	95		360	340.6cm	
						SC1416K	
390					390	370.6cm	
						SC1416L	
420				@411cm shell, 5mm	420	400.6cm	
						SC1416M	
450				END OF BORING @ 443.5cm	450	443.4cm	
480					480		
510					510		
540					540		
570					570		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.90 (ft)

Processing Recovery Depth: 7.95 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1418

Collection Date/Time: 5/22/24 0728

Core Logged By: James Melton

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				0-242.3 SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR	30	IT1418A	~
60				@0-5 cm SUBSUNDED GRAVELS, PEBBLES, WET	60	45.0cm IT1418B	~
90				@19 cm ORGANIC FIBER	90	75.0cm IT1418C	~
120				@70 cm ORGANIC FIBER	120	105.0cm IT1418D	~
150				@89 cm ORGANIC FIBER	150	135.0cm IT1418E	~
180				@129 cm DECOMPOSED WOOD	180	165.0cm IT1418F	~
210				@130 cm STICK (3 cm)	210	195.0cm IT1418G	~
240				@133 cm WOOD FRAGMENT/BARK (6 cm)	240	225.0cm IT1418H	~
				@141 cm STICK (3 cm)		242.3cm	~
				@155-163 cm GRAY CLAY POCKET, ORGANIC FIBER			
				@207 cm ORGANIC FIBERS, BARK			
				@240 cm SHREDDED BARK, WOOD FRAGMENTS (>12 cm)			
				END OF BORING @ 242.3 cm			

EOB @ 242.3 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 10.22 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1419

Collection Date/Time: 5/22/24 0844

Core Logged By: James Melton

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	0-241.5 cm SILT (ML) VERY COH, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	30	SC1419A	
60			95	@ 60 cm GRADES TO SOFT	60	SC1419B	
90				@ 74 cm ORGANIC FIBERS	90	SC1419C	
120					120	SC1419D	
150				@ 145 cm STICK (2 cm)	150	SC1419E	
180				@ 179 cm STICK (2 cm)	180	SC1419F	
210				@ 190 cm GRADES TO MOIST	210	SC1419G	
240				@ 220 cm ORGANIC FIBER (12 cm)	240	SC1419H	
270			95	241.5-311.5 cm POORLY-GRADED SAND (SP) MEDIUM DENSE, MOIST, BLACKISH-GRAY, POORLY-GRADED SAND, FINE-GRAINED SAND, TRACE SILT, NO SHEEN, NO ODOR	270	SC1419I	
300			5	@ 246 cm SILT LENSE @ 252 cm SILT POCKET @ 260-269 cm GRAY CLAY POCKET/LENSE @ 278 cm SILT LENSE	300		

@ 288 cm SILT POCKET

@ 298 cm SILT POCKET

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 10.22 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1419

Collection Date/Time: 5/22/24 0844

Core Logged By: James Meade

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
330		95	5	END OF BORING @ 311.5 cm	330	311.5cm	EOB @ 311.5 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.30 (ft)

Processing Recovery Depth: 18.99 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1420

Collection Date/Time: 5/22/24 0959

Core Logged By: James Merwin

Attempt #: 2

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	0	5	95	0-431 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	30	SC1420A	
60					60	60.0cm SC1420B	
90					90	90.0cm SC1420C	
120				@95 cm GRADES TO SOFT @100 cm SLIGHT H ₂ S-LIKE ODOR, STICK (5 cm)	120	120.0cm SC1420D	
150					150	150.0cm SC1420E	
180					180	180.0cm SC1420F	
210					210	210.0cm SC1420G	
240					240	240.0cm SC1420H	
270				@230 cm WOOD FRAGMENT (2 cm) @235 cm ORGANIC FIBER	270	270.0cm SC1420I	
300				@270 cm NO ODOR @275 cm GRADES TO MOIST	300	300.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.30 (ft)

Processing Recovery Depth: 18.99 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1420

Collection Date/Time: 5/22/24 0959

Core Logged By: James Medina

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 7.4

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
330		5	95	 continued SILT (ML)	330	SC1420J	
360					360	330.0cm SC1420K	
390					390	360.0cm SC1420L	
420					420	390.0cm SC1420M	
450		95	5	431-578.8 cm Poorly-Graded Sand (SP) MEDIUM DENSE, DRY, GRAY, Poorly-Graded Sand, FINE TO MEDIUM GRAINED, TRACE SILT, NO SHEEN, NO ODOR @ 450 cm wood fragment (3 cm) @ 459 cm GRAY BROWN clay pocket @ 463 cm TWIG (4 cm) @ 472 cm BROWN clay pocket @ 474-487 cm MEDIUM TO COARSE GRAINED SAND @ 489 cm BROWN clay pocket @ 526 cm wood fragments @ 543 cm decomposed wood @ 545-550 cm BROWN SILT LENSE @ 557 cm BROWN clay pocket @ 563 cm BROWN clay pocket — END OF BORING @ 578.8 cm	430	431.0cm SC1420N	
480					480	461.0cm SC1420O	
510					510	491.0cm SC1420P	
540					540	521.0cm SC1420Q	
570					570	551.0cm SC1420R	
600					600	578.8cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.10 (ft)

Processing Recovery Depth: 13.44 (ft)

Adjusted Recovery Percentage: 100.0

Notes:

Location ID: SC1421

Collection Date/Time: 5/23/24 1122

Core Logged By: James Merten

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
0-470.6 cm	0	5	95	0-470.6 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 3 cm SHELL @ 25 cm ORGANIC FIBERS	0-470.6 cm	MLLW-18.0 ft SC1421A	
470.6-600 cm				@ 60 cm SUBROUND ROCK	470.6-600 cm	MLLW-20.0 ft 57.9 cm SC1421B	
600-121 cm				@ 121 cm GRAY CLAY POCKET	600-121 cm	MLLW-22.0 ft 118.9 cm SC1421C	
121-140 cm				@ 140 cm GRADES TO MOIST	121-140 cm	148.9 cm SC1421D	
140-144 cm				@ 144 cm GRAY CLAY POCKET	144-148.9 cm	178.9 cm SC1421E	
144-199 cm				@ 199 cm GRAY SILT LENSE	178.9-208.9 cm	208.9 cm SC1421F	
199-229 cm				@ 229-244 cm GRAY SILT LENSE	208.9-238.9 cm	238.9 cm SC1421G	
244-266 cm				@ 266 cm BARK FRAGMENTS (7 cm)/ FIBERS	238.9-268.9 cm	268.9 cm SC1421H	
266-270 cm					268.9-298.9 cm	298.9 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.60 (ft)

Processing Recovery Depth: 15.44 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1421

Collection Date/Time: 5/23/24 1122

Core Logged By: James Neenan

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				@306 cm BG16 SILT LENSE		SC1421I	
				@316 cm DECOMPOSED WOOD			
				@323-346 cm ORGANIC FIBERS	330	328.9 cm SC1421J	
360				@350 cm GRAY CLAY POCKET	360	358.9 cm SC1421K	
				@359-380 cm small wood fragments & organic fibers	390	388.9 cm SC1421L	
420				@410 cm STICK (4 cm)	420	418.9 cm SC1421M	
				@419-430 cm ORGANIC FIBERS			
480					458	448.9 cm SC1421N	
				END OF BORING @ 470.6 cm	480	470.6 cm	

608
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cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 9.44 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1422

Collection Date/Time: 6/19/24 0951

Core Logged By: James Merson

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	10	90	0-287.8 cm SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 8 cm FIBER @ 12-18 cm SILTY SAND LENS (S.W.) @ 20 cm BROWN CLAY POCKET @ 27 cm WOOD DEBRIS (TWIG, BARK) @ 45 cm FINE-GRAINED SAND LENS @ 78 cm LARGE WOOD DEBRIS (ANTHROPGENIC) @ 88-112 cm OLIVE-GRAY CLAY LENS @ 119 cm FINE TO MEDIUM GRAINED SAND LENS @ 142-153 cm WOOD DEBRIS (TWIG, BARK, BARK) @ 168 cm OLIVE SILT LENS @ 180 cm GRAVEL TO MEDIUM DEBRIS, MORE PLASTICITY @ 192 cm OLIVE SILT LENS @ 265 cm OLIVE SILT LENS @ 272 cm OLIVE SILT LENS @ 287.8 cm END OF BORING	30	SC1422A	
60					60	60.0cm SC1422B	
90					90	90.0cm SC1422C	
120					120	120.0cm SC1422D	
150					150	150.0cm SC1422E	
180					180	180.0cm SC1422F	
210					210	210.0cm SC1422G	
240					240	240.0cm SC1422H	
270					270	270.0cm SC1422I	
300					300	287.7cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1423

Job No. 210075.01.03

Collection Date/Time: 6/10/24 1223

No. of Sections: 1

Core Logged By: James Melton

Penetration Depth: 8.00 (ft)

Attempt #: 2

Processing Recovery Depth: 8.12 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

Notes: steady drive to 7 ft, refused at 8 ft

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	0-207 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY. FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 25 cm FIBERS @ 42 cm FIBERS @ 54 cm TWIG (2 cm) @ 78 cm TWIG (7 cm) @ 89 cm BARK FRAGMENT, SHELL MASH @ 92 cm FIBER, SUBROUNDED ROCK @ 94 cm WHOLE SHELL @ 99 cm SMALL ROUNDED PEBBLE, TWIGS @ 112 cm TWIG (4 cm) @ 115 cm TWIG (3 cm) @ 122 cm FIBERS @ 125 cm GRADES TO MOIST @ 136 cm SHELL FRAGMENT @ 139 cm BARK FRAGMENT @ 150 cm GRADES TO MEDIUM STIFF	30	SC1423A	
60					60	60.0 cm	
90					90	SC1423B	
120					90	90.0 cm	
150					120	SC1423C	
180					120	120.0 cm	
210					150	SC1423D	
240					150	150.0 cm	
					180	SC1423E	
					180	180.0 cm	
					210	SC1423F	
					210	207.0 cm	
				795 < 5 207-247.5 cm Poorly-Graded Sand (SP) MEDIUM DENSE, MOIST, OLIVE-BROWN, FINE-GRAINED SAND, TRACE SILT, NO SHEEN, NO ODOR @ 216 cm TAN CLAY POCKET @ 233 cm SILT LENSE	240	SC1423G	
					240	247.5 cm	

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247.5
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Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 6.00 (ft)

Processing Recovery Depth: 5.54 (ft)

Adjusted Recovery Percentage: 92.3%

Notes:

Location ID: SC1424

Collection Date/Time: 6/12/24 1218

Core Logged By:

Attempt #: 3

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	0	5	95	0-168.9 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR @ 24 cm WOOD FRAGMENTS @ 35 cm GRADES TO NOISE	30	SC1424A	▲
60				@ 69 cm LIGHT BROWN SILT POCKET	60	55.4cm SC1424B	
90				@ 93 cm LIGHT BROWN SILT POCKET	90	83.1cm SC1424C	
120				@ 126-135 cm SHELL FASH	120	110.8cm SC1424D	✓
150				@ 165 cm LARGE BARK FRAGMENT	150	138.5cm SC1424E	✓
180				@ 168.9 cm END OF CORE	180	168.9cm	▲

 ANCHOR
QEA

Location ID: SC 1425

Collection Date/Time: 6/10/24 1131

Core Logged By: James Miron

(ft) Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.00

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

300

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1425

Job No. 210075.01.03

Collection Date/Time: 6/10/24 1131

No. of Sections: 1

Core Logged By: James Mento

Penetration Depth: 11.00

(ft)

Attempt #: 1

Processing Recovery Depth: 11.20

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

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
330	0	99	1	At 313 cm GRADES TO MEDIUM STIFF 320 - 341.4 cm POOREY-GRADED SAND (SP) LOOSE, MOIST, GRAYISH-BLACK, FINE TO MEDIUM GRAINED SAND, NO SHEEN, NO ODR END OF BORING @ 341.4 cm	330	SC1425J	
340					340	320.0 cm	
						SC1425K	
						341.4 cm	

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341.4
cm
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Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.90 (ft)

Processing Recovery Depth: 8.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1426

Collection Date/Time: 5/25/24 0822

Core Logged By: James Nelson

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	0-243.8 SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 6 cm STICK (2 cm) @ 19 cm ORGANIC FIBER @ 23 cm SAND POCKET @ 51-54 cm SAND LENS, FINE-GRAINED @ 56 cm BARK FRAGMENT (3 cm) @ 86 cm ORGANIC FIBER @ 90 cm STICK (5 cm) @ 105-118 cm ORGANIC FIBER @ 159 cm DECOMPOSED WOOD @ 166 cm SLIGHT PETROLEUM-LIKE ODOR THROUGH 243.8 cm @ 174 cm ORGANIC FIBER @ 179-182 cm GRAY CLAY POCKET @ 212 cm BARK FRAGMENT (8 cm) @ 222 cm - 237 cm DECOMPOSED WOOD & STICKS — END OF BORING @ 243.8 cm —	30	IT1426A	
60					45.0cm	IT1426B	
90					75.0cm	IT1426C	
120					105.0cm	IT1426D	
150					135.0cm	IT1426E	
180					165.0cm	IT1426F	
210					195.0cm	IT1426G	
240					225.0cm	IT1426H	
270					243.8cm		

END @ 243.8 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.80 (ft)

Processing Recovery Depth: 6.97 (ft)

Adjusted Recovery Percentage: 89.4%

Notes:

Location ID: IT1428

Collection Date/Time: 5/22/24 0753

Core Logged By: James Martin

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
0-171 cm	5	95	95	0-171 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR @32 cm STICK (13 cm) @47-59 cm SUBANGULAR GRAVELS @64 cm GRADES TO MOIST @64 cm - 78 cm FINE GRAINED SAND LENSE w/ TRACE SUBANG SUBANGULAR GRAVELS @78 cm GRADES TO SOFT @113 cm STICK (7 cm) @135 cm BARK FRAGMENT (6 cm) @136 cm - 146 cm SHELL HASH @143 cm DECOMPOSED WOOD @158 cm CONCRETE AGGREGATE FRAGMENT	0-171 cm	IT1428A	
171-212.4 cm	0	90	10	171-212.4 cm POORLY-GRADED SAND (SP) LOOSE, MOIST, OLIVE-GRAY, POORLY-GRADED SAND, TRACE SILT, FINE-GRAINED SANDS, NO SHEEN, NO ODOR @175 cm SILT POCKET @183 cm SILT POCKET, SMALL SUBANGULAR GRAVEL @185 cm SILT POCKET @187 cm SILT POCKET @189 cm SILT POCKET @212.4 cm END OF BORING	171.0 cm	IT1428B IT1428C IT1428D IT1428E IT1428F IT1428G	
					212.4 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.26 (ft)

Adjusted Recovery Percentage: 93.3

Notes:

Location ID: SC1429

Collection Date/Time: 5/20/24 1432

Core Logged By: James M. [unclear]

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	0	5	95	0-229 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 50 cm ORGANIC FIBERS / TWIG	0	SC1429A	
30					30	56.0 cm SC1429B	
60					60	84.0 cm SC1429C	
90					90	112.0 cm SC1429D	
120				@ 105 cm LARGE WOOD FRAGMENT (11 cm)	120	140.0 cm SC1429E	
150				@ 127 cm ORGANIC FIBERS	150	168.0 cm SC1429F	
180				@ 157 cm ORGANIC FIBERS	180	196.0 cm SC1429G	
210				@ 218-222 cm MEDIUM TO COARSE GRAINED SAND LENSE, MULTICOLOR (RED, WHITE, BEIGE)	210	229.0 cm SC1429H	
240	0	79.5	20.5	229-312.7 cm POORLY-GRAINED SAND (SP) MEDIUM DENSE, MOIST, BLACKISH-GRAY, SAND, MEDIUM TO COARSE GRAINED, MULTICOLOR GRAINS (RED, WHITE, BEIGE), TRACE SILT, NO SHEEN, NO ODOR @ 230 cm ORGANIC TWIG / REED @ 247 cm BLACK SILT CLAST @ 250 cm BLACK SILT CLAST @ 262 cm BLACK SILT LENSE	240	257.0 cm SC1429I	
270					270	285.0 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.0 (ft)

Processing Recovery Depth: 10.26 (ft)

Adjusted Recovery Percentage: 93.3

Notes:

Location ID: SC1429

Collection Date/Time: 5/20/24 1432

Core Logged By: James Matus

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
330	0	79.5	20.5	CONTINUED END OF BORING @ 312.7 cm	330	SC1429J 312.7cm	312.7 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 16.80 (ft)

Processing Recovery Depth: 17.09 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1430

Collection Date/Time: 5/20/24 1345

Core Logged By: James McNeil

Attempt #: 2

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	0	5	95	0-479 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR @15 cm ORGANIC WOOD FIBERS	30	SC1430A	
60				@60 cm GRADUALLY TO MODERATE H ₂ S-LIKE ODOR	60	60.0cm SC1430B	
90					90	90.0cm SC1430C	
120				@136 cm GRADUALLY TO MOST	120	120.0cm SC1430D	
150					150	150.0cm SC1430E	
180					180	180.0cm SC1430F	
210					210	210.0cm SC1430G	
240				@239 cm ORGANIC WOOD FIBERS	240	240.0cm SC1430H	
270				@269 cm ORGANIC WOOD FIBERS	270	270.0cm SC1430I	
300					300	300.0cm	

EWB = 520.9 cm

Page 1 of 2

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections:

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 14.04 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1431

Collection Date/Time: 6/13/24 1450

Core Logged By:

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
320					320	SC1431I 325.9cm	
360				@ 355-420 cm SLIGHT PETROLEUM-LIKE ODOR	360	SC1431J 355.9cm	
				@ 365 cm TWIG, FIBERS		SC1431K 385.9cm	
380					380	SC1431L 427.9cm	
420				@ 427.9 cm END OF BORING	420		
450					450		

 ANCHOR
QEA

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 1 of 1

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 10.12 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1432

Collection Date/Time: 6/13/24 0748

Core Logged By: James M...

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
330				2308.5 cm END OF BURN	330	SC1432 I 308.5cm	1-1-1
300					300		
270					270		
240					240		
210					210		
180					180		
150					150		
120					120		
90					90		
60					60		
30					30		
0					0		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1433

Job No. 210075.01.03

Collection Date/Time: 6/10/24 1055

No. of Sections: 1

Core Logged By: JAMES MEYER

Penetration Depth: 10.70

(ft)

Attempt #: 1

Processing Recovery Depth: 11.69

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

Notes: hard drive for first 11 ft then 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
30	0	10	90	0-356.3 cm SILT (ML) SFT, MOIST, GRAYISH-BLACK, SILT, LOW PLASTICITY FINE-GRANDED SAND, NO SHEEN, SLIGHT PETROLEUM LIKE ODOR @23 cm SHOWN TWICE	30	SC1433A	
60				@55 cm TWIG (17 cm)	60	60.0 cm	
90				@61 cm SHEEN PATCH		SC1433B	
				@74 cm TAP PAPER	90	90.0 cm	
				@76-79 cm TAN SILT LENSE		SC1433C	
				@88 cm LITHIFIED PLASTIC MATERIAL, SHINY, SLIGHT PETROLEUM-LIKE ODOR, MULTIPLE PIECES	120	120.0 cm	
				@91 cm MEDIUM GRANDED SAND LENSE, GRAYS TO NO ODOR		SC1433D	
120					150	150.0 cm	
150				@149-162 cm TAN SILT LENSE		SC1433E	
180					180	180.0 cm	
				@184 cm TWIG (6 cm)		SC1433F	
210				@210 cm WOOD FIBERS	210	210.0 cm	
						SC1433G	
240				@240 cm LOW TO MEDIUM PLASTICITY	240	240.0 cm	
						SC1433H	
270					270	270.0 cm	
				@287-327 cm TAN COLORATION		SC1433I	
300					300		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1433

Job No. 210075.01.03

Collection Date/Time: 6/10/24 1055

No. of Sections: 1

Core Logged By: James Nelson

Penetration Depth: 10.70 (ft)

Attempt #: 1

Processing Recovery Depth: 11.69 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

Notes: hard drive for first foot then 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
332				@ 312 cm FINE-GRAINED SAND LOOSE	300.0 cm	SC1433J	
				@ 335 cm FINE-GRAINED SAND LOOSE	300.0 cm	SC1433K	
360				END OF BORING @ 356.3 cm	356.3 cm		

End of Boring @ 356.3 cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: 1T1434

Job No. 210075.01.03

Collection Date/Time: 6/10/24 1005

No. of Sections: 1

Core Logged By: JAMES MELTON

Penetration Depth: 2.70 (ft)

Attempt #: 3

Processing Recovery Depth: 1.70 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 77.3%

Diameter of Core (inches) 4.00

Notes: Hard drive to refusal.

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 60	0	50	10	0-51.8 cm Poorly-Graded Sand (SP) Loose, wet, grayish-brown, poorly-graded sand, fine grained sand, trace silt, no silt, no water @ 19 cm Grades to moist @ 29 cm Grades to fine to medium grained sand, orange fines @ 31 cm Subrounded gravels @ 43 cm Subrounded gravels END OF CORE 51.8 cm	0 30 60	1T1434A 54.8 cm 1T1434B 51.8 cm	

51.8 cm

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.30 (ft)

Processing Recovery Depth: 6.72 (ft)

Adjusted Recovery Percentage: 65.2%

Notes: Steady resistance at last foot to retrieval

Location ID: SC1435

Collection Date/Time: 6/10/24 0844

Core Logged By: JAMES M. EDEN

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
0-30	0	10	90	0-138 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	30	SC1435A	
30-60				@ 55 cm TWO LARGE SHELL HALVES @ 60 cm GRADES TO MOIST @ 70 cm TWIG (2 cm)	60	SC1435B	
60-90	0	20	80	@ 85 cm INCREASED SAND CONTENT	90	SC1435C	
90-120					120	SC1435D	
120-150				@ 123 cm TWIG (2 cm) @ 131 cm TWIG (2 cm)	150	SC1435E	
150-180	0	75	25	138-204.8 cm POZZY-GRADED SAND w/ SILT (SP-SM) LOOSE, MOIST, GRAYISH-BROWN; POZZY-GRADED SAND w/ SILT, FINE GRAINED SAND, NO SHEEN, NO ODOR	180	SC1435F	
180-210				@ 140 cm BROWN SAND LENSE @ 155 cm GRADES TO POZZY-GRADED SAND (SP) FINE TO MEDIUM GRAINED @ 159 cm SQUARE RUBBER FRAGMENT END OF BORING @ 204.8 cm	210	SC1435G	
						SC1435H	
						SC1435I	
						204.8 cm	

geo

6/10/24
JME

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.80 (ft)

Processing Recovery Depth: 3.15 (ft)

Adjusted Recovery Percentage: 82.9%

Notes:

Location ID: IT1437

Collection Date/Time: 6/11/24 1043

Core Logged By: James Manno

Attempt #: 2

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 60 90	10	90	0	0-96.0 cm Poorly-sorted SAND (SP) medium dense, moist, reddish-brown, fine to medium grained sand, rounded & subrounded pebbles @ 16 cm concrete fragment @ 20 cm no pebbles through end of core @ 28 cm back fragment @ 96.0 cm end of core	30 60 90	IT1437A 37.3cm IT1437B 62.2cm IT1437C 96.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.44 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1438

Collection Date/Time: 6/24/24 1600

Core Logged By: A. White

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	10	90	0-348.7cm Sandy silt (ML), soft, moist black, non plastic @16 shell @44 organic debris @81 organic debris @91-94 roots @108 stick, 2.5" @114 shell @122, 128 woody debris @135-144 sand lens, fine grained, black @145 roots @160-167 sand lense, fine grained, black @182 woody debris @206-219 Interbedded silt lenses, light grey @254 woody debris @280-287 Interbedded silt lenses, light grey	0		
30					30	SC1438A	
60					60.0cm	SC1438B	
90					90.0cm	SC1438C	
120					120.0cm	SC1438D	
150					150.0cm	SC1438E	
180					180.0cm	SC1438F	
210					210.0cm	SC1438G	
240					240.0cm	SC1438H	
270					270.0cm	SC1438I	
300							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.80 (ft)

Processing Recovery Depth: 11.44 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1438

Collection Date/Time: 6/24/04 1600

Core Logged By: A. White

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
330				@305 roots	330	SC1438J	
				@325-348.7 Hydrocarbon-like odor, mild to moderate		330.00cm SC1438K	
				CORE ENDS @ 348.7 cm	348.7	348.7cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.70 (ft)

Processing Recovery Depth: 14.91 (ft)

Adjusted Recovery Percentage: 100 %

Notes:

Location ID: 3C1439

Collection Date/Time: 5/20/24 1020

Core Logged By:

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	0	< 5	> 95	0-45.4 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, NO TO LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	30	-16.8ft MLW SC1439A	
60					60	48.8cm SC1439B	
90					90	-20ft MLW 97.6cm SC1439C	
120				@100 cm GRADES TO SOFT	120		
150					150	-22ft MLW 158.6cm SC1439D	
180				@158.6 cm - 218.6 cm SLIGHT PETROLEUM-LIKE ODOR @166 cm FINE-GRAINED SAND POCKET @169 cm BROWN CLAY POCKET, GRADES TO LOW PLASTICITY @175 cm BROWN CLAY POCKET	180	188.6cm SC1439E	
210					210	218.6cm SC1439F	
240				@234 cm TRACE ORGANIC FIBERS @240 cm TRACE ORGANIC FIBERS	240	248.6cm SC1439G	
270				@250 cm - 290 cm BROWN CLAY LENSE GRADES TO MOIST @281 cm TRACE SHEEN HASH	270	278.6cm SC1439H	
300					300		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.70 (ft)

Processing Recovery Depth: 14.91 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1439

Collection Date/Time: 5/20/24 1020

Core Logged By: JAMES MERTON

Attempt #: 1

Type of Core ☐ Mudhole ☒ 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					308.6 cm	SC1439 I	
360				@ 342 cm BROWN CLAY POCKET @ 351 cm BROWN CLAY POCKET @ 356 cm - 360 cm FINE-GRAINED SAND POCKET	338.6 cm	SC1439 J	
360				@ 386 cm FINE-GRAINED SAND POCKET	368.6 cm	SC1439 K	
420				@ 402 cm ORGANIC WOOD FIBERS	398.6 cm	SC1439 L	
450				END OF CORE @ 454.4	428.6 cm	SC1439 M	
					454.5 cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1440

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 1357

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 10.00 (ft)

Attempt #: 1

Processing Recovery Depth: 11.10 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

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	10	40	40	0-10cm BLACK SILT w/ SAND (ML)	0		
10	60	40		10-18cm TAN/RED SILTY SAND (SM) LENS	10		
20				18-122cm BLACK SILT w/ SAND (ML)	20		
30				20cm WOOD LOOSE, WET, NO ODOR	30		
40				38cm WOOD + STIFFENS to mod. STIFF.	40		
50				48cm Transition to SILT, Moderately Plastic GRAY, SOFT, WET	50	SC1440A	
60					60	60.0	
70					70	SC1440B	
80					80	SC1440B	
90					90	SC1440C	
100					100	SC1440C	
110					110	SC1440C	
120	20	80		122cm Transition to BLACK SANDY	120	122.0	
130				137cm SILT, MOD. STIFF, NO ODOR / Sheen	130	SC1440D	
140				Roots	140	152.0	
150				150cm WOOD PIECES + ROOTS	150	SC1440E	
160				172cm WOOD PIECES	160	182.0	
170					170	SC1440F	
180				187cm WOOD PIECES	180	212.0	
190				110cm WOOD PIECES	190	SC1440G	
200					200	242.0	
210					210	SC1440H	
220					220	272.0	
230				239cm Roots	230	SC1440I	
240					240	272.0	
250					250	SC1440J	
260					260	272.0	
270					270	SC1440K	
280					280	272.0	
290					290	SC1440L	
300					300	272.0	
310					310	SC1440M	
320					320	272.0	
330					330	SC1440N	
340					340	272.0	
350					350	SC1440O	
360					360	272.0	
370					370	SC1440P	
380					380	272.0	
390					390	SC1440Q	
400					400	272.0	
410					410	SC1440R	
420					420	272.0	
430					430	SC1440S	
440					440	272.0	
450					450	SC1440T	
460					460	272.0	
470					470	SC1440U	
480					480	272.0	
490					490	SC1440V	
500					500	272.0	
510					510	SC1440W	
520					520	272.0	
530					530	SC1440X	
540					540	272.0	
550					550	SC1440Y	
560					560	272.0	
570					570	SC1440Z	
580					580	272.0	
590					590	SC1440AA	
600					600	272.0	
610					610	SC1440AB	
620					620	272.0	
630					630	SC1440AC	
640					640	272.0	
650					650	SC1440AD	
660					660	272.0	
670					670	SC1440AE	
680					680	272.0	
690					690	SC1440AF	
700					700	272.0	
710					710	SC1440AG	
720					720	272.0	
730					730	SC1440AH	
740					740	272.0	
750					750	SC1440AI	
760					760	272.0	
770					770	SC1440AJ	
780					780	272.0	
790					790	SC1440AK	
800					800	272.0	
810					810	SC1440AL	
820					820	272.0	
830					830	SC1440AM	
840					840	272.0	
850					850	SC1440AN	
860					860	272.0	
870					870	SC1440AO	
880					880	272.0	
890					890	SC1440AP	
900					900	272.0	
910					910	SC1440AQ	
920					920	272.0	
930					930	SC1440AR	
940					940	272.0	
950					950	SC1440AS	
960					960	272.0	
970					970	SC1440AT	
980					980	272.0	
990					990	SC1440AU	
1000					1000	272.0	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1440

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 1357

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 10.00

(ft)

Attempt #: 1

Processing Recovery Depth: 11.10

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

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
350				306cm ROOTS	350	302.0cm	~ ~ ~
360				338.3cm END OF SAMPLE	370	SC1440J	~ ~ ~
380						338.3cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1441

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 10:19

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 11.50 (ft)

Attempt #: 1

Processing Recovery Depth: 13.35 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

Notes: free 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
0		5	95	0-406.9 cm BLACK SILT w TRACE SAND, SOFT WET, NO SHEEN, NO ODOR (ML)	0	SC1441A	
30				-44cm Roots	30		~
60					60	60.0cm	
				-84cm Roots		SC1441B	~
90					90	96.0cm	
				-110cm Roots		SC1441C	~
120					120	120.0cm	
				-150cm STIFFNESS INCREASES TO MOD. STIFF		SC1441D	
150				-154cm FIBERS, BLACK	150	150.0cm	
						SC1441E	
180				-198cm FIBER, BLACK	180	180.0cm	
				-202.5cm FIBER BLACK		SC1441F	
210					210	210.0cm	
				-237cm Shell		SC1441G	
240				-251cm FIBER, BLACK	240	240.0cm	
				-255cm STIFFNESS INCREASES TO STIFF		SC1441H	~
270				-260.5cm Roots	270	270.0cm	
				-PINE NEEDLE		SC1441I	▲

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1441

Job No. 210075.01.03

Collection Date/Time: 6/7/24 @ 1019

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 11.50 (ft)

Attempt #: 1

Processing Recovery Depth: 13.35 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

Notes: free 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
320		5	95		320.0cm	SC1441J	
340				340cm Roots	330.0cm	SC1441K	
360				350cm Shell FRAGMENT	360.0cm	SC1441L	
380					390.0cm	SC1441M	
400				406.9cm END OF SAMPLE	406.9cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 8.50 (ft)

Processing Recovery Depth: 8.50 (ft)

Adjusted Recovery Percentage: 100.0%

Notes: free to 7 ft, resistance / refusal to 8.5 ft

Location ID: SC1442

Collection Date/Time: 6/7/24 @ 15:22 1122

Core Logged By: LJM

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
0		15	85	0-234cm BLK SILT w/ SAND, SOFT, VET (ML)	0		
16				16cm Fibers	16		
28				28cm GRAVEL BLACK, ANGULAR	28		
32				32cm ROOTS	32		
55				55cm Fibers	55		
58				58cm WOOD PIECES	58		
67				67cm WOOD PIECES	67		
75				75cm ROOTS	75		
79				79cm Increased Stiffness from Soft to Med Shp	79		
90				90cm BLACK/GRAY SILT LENS (ML)	90		
101				101cm	101		
126.5				126.5cm WOOD PIECES	126.5		
142				142cm BLACK silty sand LENS	142		
147				147cm	147		
152				152cm WOOD PIECES	152		
156				156cm WOOD PIECES	156		
183				183cm ROOTS	183		
198				198cm ROOTS	198		
217				217cm WOOD PIECES	217		
227				227cm WOOD PIECES	227		
234				234cm CONTACT WITH BLACK MED. COARSE SAND, RED + white grains	234		
241				241cm Shells	241		
245				245cm GRADES TO FINE SAND, BLACK, Red + white grains	245		
259.1				259.1 END OF SAMPLE	259.1		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 6.92 (ft)

Adjusted Recovery Percentage: 98.9%

Notes:

Location ID: IT1443

Collection Date/Time: 6/11/24 1145

Core Logged By: James McLean

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
0-124.0 cm	0	10	90	0-124.0 cm S.L.T (ml) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE GRAINED SAND, NO SHEEN, NO ODOR @ 25-30 cm TRACE ROUNDED GRAVELS, PEBBLES @ 40 cm GRAVELS IN SOFT, MOIST	0-124.0 cm	IT1443A	
124-210.9 cm	0	100	0	124-210.9 cm Pozz - GRAINED SAND (SP) LOOSE, MOIST, DARK GRAY, MEDIUM TO COARSE GRAINED SAND, NO SHEEN, NO ODOR @ 150 cm SLIGHT FRAGMENT @ 210.9 cm END OF BORING	124.0 cm	IT1443B	
					44.5 cm	IT1443C	
					74.2 cm	IT1443D	
					103.9 cm	IT1443E	
					124.0 cm	IT1443F	
					153.7 cm	IT1443G	
					183.4 cm		
					210.9 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.10 (ft)

Processing Recovery Depth: 1.63 (ft)

Adjusted Recovery Percentage: 77.6%

Notes:

Location ID: IT1444

Collection Date/Time: 6/19/24 1351

Core Logged By: James Newton

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 30 60	0	79.5	2.5	0-49.7 cm Poorly-sorted Sand (SP) MEDIUM STIFF, MOIST, OLIVE-BROWN, FINE TO MEDIUM GRAINED SAND, TRACE SILT, NO SHEEN NO ODOR @ 5 cm WORM @ 9 cm GRADUALLY TO RED-BROWN COLOR @ 49.7 cm END OF BORING	0 30 60	IT1444 31.9cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.20 (ft)

Processing Recovery Depth: 2.93 (ft)

Adjusted Recovery Percentage: 91.61

Notes:

Location ID: IT1448

Collection Date/Time: 6/26/24 0914

Core Logged By: A. White

Attempt #: 4

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
0-89.3cm	79.5	<5		0-89.3cm Poorly Graded SAND (SP), medium dense, moist, red-brown, medium grained @3 Glass shard, Green color, 1" @5 Woody debris @10 Brick shard, 1.5" @14, Rock, rounded, 2" and 1" respectively	0-89.3cm	IT1448A	
					41.2cm	IT1448B	
					68.7cm	IT1448C	
				CORE ENDS @ 89.3 cm	89.3cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.40 9.90 (ft)

Processing Recovery Depth: 48 AV (ft)

Adjusted Recovery Percentage: 65.51

Notes:

Location ID: IT1450

Collection Date/Time: 8/11/24 1332

Core Logged By: LYM

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	45	12cm SOFT BLK SILT, MOIST, HAIR		IT1450A	
20		80	20	21cm STIFFENS TO BLACK SILT		29.5cm	
				21cm SHELL FRAGMENT		IT1450B	
				24cm WOOD FRAGMENTS, WORM		49.2cm	
				31cm TRANSITIONS TO COARSE BLACK SAND + SILT WITH SILT LENSES		IT1450C	
60		20	80	60cm TRANSITIONS TO BLACK SILT W/ SAND		68.9cm	
				64cm STIFF, ORGANIC ODORS		IT1450D	
				80cm FISHING LINE		88.6cm	
90		40	60	80cm SANDY SILT LAYER W/ BLACK FIBERS		IT1450E	
				91cm TRANSITION TO SANDY SILT, BLACK		108.3cm	
				97cm NO ODOR, MOIST, MODERATELY STIFF		IT1450F	
				104cm FISHING LINE PIECE		128.0cm	
120		80	20	108cm SAND LENS, WITH WOOD FRAGMENTS		IT1450G	
				116cm TRANSITIONS TO MODERATELY COARSE		147.7cm	
				128cm SAND, BLACK, W/ TAN, RED + WHITE GRAINS		IT1450H	
				132cm ROUNDED GRAVEL LAYER < 2cm		167.4cm	
150		40	10	132cm TRANSITION TO BLK FINE SAND		IT1450I	
				RED + TAN GRAINS, STIFF, MOIST		197.5cm	
180							
210				-197.5cm END OF SAMPLE			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2
 Job No. 210075.01.03
 No. of Sections: 1
 Penetration Depth: 1.10 (ft)
 Processing Recovery Depth: 0.95 (ft)
 Adjusted Recovery Percentage: 86.4%
 Notes:

Location ID: SS1450
 Collection Date/Time: 8/1/24 1521
 Core Logged By: 4Lm
 Attempt #: 4
 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
				BLACK SANDY SILT, WET, WOOD & ROOTS - 8.64 cm END OF SAMPLE		SS1450 8.64cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.90 (ft)

Processing Recovery Depth: 4.09 (ft)

Adjusted Recovery Percentage: 83.51

Notes:

Location ID: ~~IT~~ SS1450

Collection Date/Time: 8/1/24 1546

Core Logged By: LM

Attempt #: 6

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		80	20	BLACK SILTY SAND, WET. SHELL + PLASTIC FRAGMENTS 8.35cm END OF SAMPLE		SS1450 8.35cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 20.18 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1451

Collection Date/Time: 7/25/24 1358

Core Logged By: EP

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		10	90	0-15.2cm SILT WITH SAND (ML) soft to medium stiff, moist, blackish gray; fine sand, SILT, no sheen no odor	30	SC1451A	-15.6 ft MLW
60				@43cm shell fragment	60		
				@53cm grades to soft			
				@85cm tan coloring lens			
				@74cm bark-like wood piece			
				@82cm fine sand pocket			
120					120	SC1451B	-17.8 ft MLW
				@126cm grades to medium stiff with fine to medium sand			
150					150		
180					180	SC1451C	-20.0 ft MLW
				@201cm f. bur			
210					210	SC1451D	-22.0 ft MLW
				@220cm root-like wood piece; gray coloring pocket			
240					240	SC1451E	-25.2 cm
				@260cm lens of black coloring, faint petroleum-like odor			
				@261cm lens of dark gray coloring			
270		0	100	@276cm grades to no sand content	270	SC1451F	-25.2 cm
				@286cm f. bur			
				@299-320cm : light olive gray coloring			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 20.18 (ft)

Adjusted Recovery Percentage: 108.1

Notes:

Location ID: SC1451

Collection Date/Time: 7/25/24 1358

Core Logged By: RP

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
100			100	Continued Silt (ML)		SC1451C	
						315.2cm	
						SC1451D	
						345.2cm	
						SC1451E	
						375.2cm	
						SC1451J	
						405.2cm	
						SC1451K	
						435.2cm	
						SC1451L	
						465.2cm	
						SC1451M	
						495.2cm	
						SC1451N	
						525.2cm	
						SC1451O	
						555.2cm	
						SC1451P	
						585.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 20.18 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1451

Collection Date/Time: 7/25/24 13:58

Core Logged By: RP

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
			100	Continued SILT (ML)		SC1451 Q	
				END OF BORING @ 615.2 cm		615.2 cm	
030					030		
060					060		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.35 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1452

Collection Date/Time:

01/13/24 1212

Core Logged By:

James Martin

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	0-345.9 cm SILT (m) VERY SOFT, WET, BLACKISH-BROWN, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO GREEN, NO RDBR @ 16 cm SHCH PLASH @ 25 cm FIBERS @ 35 cm FIBERS @ 41-69 cm GRADES TO TAN COLOR @ 65 cm GRADES TO SOFT, MOIST	30	SC1452A	~ ~
60					60	60.0cm	
90					90	SC1452B	
120					90	90.0cm	
150					120	SC1452C	
180					120	120.0cm	
210					150	SC1452D	
240					150	150.0cm	
270					180	SC1452E	
300					180	180.0cm	
					210	SC1452F	
					210	210.0cm	
					240	SC1452G	▲
					240	240.0cm	
					270	SC1452H	▲ ~ ~
					270	270.0cm	
					300	SC1452I	

0-345.9 cm SILT (m)
VERY SOFT, WET, BLACKISH-BROWN, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO GREEN, NO RDBR

@ 16 cm SHCH PLASH

@ 25 cm FIBERS

@ 35 cm FIBERS

@ 41-69 cm GRADES TO TAN COLOR

@ 65 cm GRADES TO SOFT, MOIST

@ 120 cm FIBERS, ROOTS

@ 164 cm TWIG (3 cm)

@ 185-241 cm GRADES TO TAN COLOR

@ 194-199 cm BLACKISH-BROWN LENSE

@ 225 cm TWIG (9 cm)

@ 257 cm STICK, FIBERS

@ 268 cm ROOTS, FIBERS

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.33 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1452

Collection Date/Time: 01/31/24 1212

Core Logged By: James M. Mow

Attempt #:

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
330	0	5	95	@ 302-305 cm TAN SILT LENSE	330	SC1452J	
360	0	60	40	@ 338 cm STICKS, FIBERS, weed FRAGMENTS @ 341-345 cm SILTY SAND (SM) LENSE @ 345.9 cm END OF BORING	360	330.0cm SC1452K 345.9cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.50 (ft)

Processing Recovery Depth: 10.50 (ft)

Adjusted Recovery Percentage: 9.93

Notes:

Location ID: SC1453

Collection Date/Time: 01/13/24 1358

Core Logged By: James Melton

Attempt #: 3

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	0-302.7 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SILT, NO ODOR @ 0-60 cm MODERATE H ₂ S-LIKE O.D.R.	30	SC1453A	
60					60	56.8cm SC1453B	
90				@ 90 cm GRADES TO MOIST, SOFT	90	85.2cm SC1453C	
120				@ 101 cm TAN SILT LENSE	120	113.6cm SC1453D	
150				@ 131 cm TAN SILT LENSE	150	142.0cm SC1453E	
180					180	170.4cm SC1453F	
210				@ 200 cm GRADES TO MEDIUM STIFF, LOW TO MEDIUM PLASTICITY	210	198.8cm SC1453G	
240				@ 221-243 cm GRADES TO DRY, TAN COLOR	240	227.2cm SC1453H	
270				@ 273 cm TAN SILT LENSE, DRY @ 278 cm TAN SILT LENSE, DRY	270	255.6cm SC1453I	
300					300	284.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.50 (ft)

Processing Recovery Depth: 9.93 (ft)

Adjusted Recovery Percentage: 94.6%

Notes:

Location ID: SC1453

Collection Date/Time: 6/13/24 1358

Core Logged By: James Melton

Attempt #: 3

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
330				@ 302.7 cm END OF CORE	330	SC14535 302.7cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.85 (ft)

Adjusted Recovery Percentage: 92.5%

Notes:

Location ID: IT1455

Collection Date/Time: 6/17/24 1300

Core Logged By: James Meron

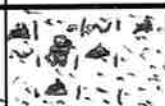
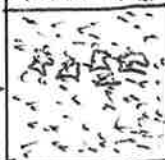
Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 7.4

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
0-22.8	0	65	35	0-22.8 SILTY SAND (SM) LOOSE, WET, OLIVE-GRAY, SILTY SAND, FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 4-12 cm TWIGS, FIBERS, BARK @ 10 cm ANGULAR ROCK @ 18 cm TWIGS, BARK. @ 20 cm GRASS TO MOIST 22.8-56.4 cm POORLY-GRAINED SAND (SP) LOOSE, MOIST, REDDISH BROWN, FINE TO MEDIUM GRAINED SAND, TRACE SILT, NO SHEEN, NO ODOR @ 33-38 cm GLASS FRAGMENTS (GREEN, BROWN, CLEAR) @ 56.4 cm end of boring	0-22.8	IT1455A	
22.8-56.4					22.8-56.4	IT1455B	
					56.4	56.4cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 2.86 (ft)

Adjusted Recovery Percentage: 71.5%

Notes:

Location ID: IT1457

Collection Date/Time: 01/26/24 1051

Core Logged By: A. White

Attempt #: 3

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
0-87.2 cm	>95	<5		0-87.2 cm Poorly Graded SAND (SP), medium dense, moist, brown, medium grained @10 Brick shard, 1" @17 Glass shard, Green color, 1.5" @35-61 Abundant glass shards, green brown and colorless, ranging from 1/2" to 3" @54-70 Silty SAND (SM) Lense, red-brown color @67, 69, rocks, rounded, 1" 74 CORE ENDS @ 87.2 cm	0-87.2 cm	IT1457A 32.2 cm IT1457B 53.7 cm IT1457C 87.2 cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: IT1458

Job No. 210075.01.03

Collection Date/Time: 6/10/24 0701

No. of Sections: 1

Core Logged By: James Meador

Penetration Depth: 2.20 (ft)

Attempt #: 1

Processing Recovery Depth: 2.26 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.00

Notes: hard drive to retrieval

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	0	95	5	0-68.9 cm Poorly-sorted sand (SP) Loose, moist, grayish-brown; Poorly-sorted sand, fine to medium grained, trace silt, no sheen no odor @ 10 cm twig (4 cm) @ 13 cm black silt lense @ 22 cm pebble @ 28 cm clay silt lense — end of boring @ 68.9 cm	20	IT1458A	
60					45.0 cm	IT1458B	
					68.9 cm		

68.9 cm
AV

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.28 (ft)

Adjusted Recovery Percentage: 93.5

Notes:

Location ID: SC1459

Collection Date/Time: 5/20/24 1119

Core Logged By: James Mew

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
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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	0	5	95	0 - 313.3 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, NO TO LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 22 cm WOOD STICK (3 cm) @ 41 cm GRADES TO MUDST @ 41 - 65 cm FINE TO MEDIUM GRAINED SAND LAYER	30	SC1459A	
60					60	56.1 cm SC1459B	
90				@ 90 cm GRAY CLAY POCKET @ 100 - 102 cm FINE-GRAINED SAND LENSE @ 112 cm WOOD FIBRES @ 110 - 118 cm FINE-GRAINED SAND LENSE	90	84.2 cm SC1459C	
120				@ 132 - 136 cm FINE-GRAINED SAND LENSE @ 146 - 150 cm TRACE DRUMIC WOOD FIBERS	120	112.3 cm SC1459D	
150				@ 160 cm DECOMPOSED WOOD @ 162 cm SUBROUND PEBBLE @ 164 cm TRACE SHELL FRAGMENT @ 175 - 185 cm FINE TO MEDIUM GRAINED SAND LENSE	150	140.4 cm SC1459E	
180				@ 194 - 196 cm FINE-GRAINED SAND LENSE @ 199 cm WOOD FRAGMENT (8 cm) @ 202 - 203 cm FINE-GRAINED SAND LENSE	180	168.5 cm SC1459F	
210				@ 225 - 230 cm FINE-GRAINED SAND LENSE @ 239 cm WOOD FRAGMENT (4 cm) @ 244 cm SMALL WOOD STICK (3 cm)	210	196.6 cm SC1459G	
240				@ 259 cm ORGANIC WOOD FIBERS	240	224.7 cm SC1459H	
270					270	252.8 cm SC1459I	
300					300	280.9 cm	

300

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.28 (ft)

Adjusted Recovery Percentage: 93.5

Notes:

Location ID: SC1459

Collection Date/Time: 5/20/24 1119

Core Logged By: James Melton

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
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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
33.0		5	95	End of core @ 313.3 cm	33.0	SC1459J 313.3cm	

60.3

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1460

Job No. 210075.01.03

Collection Date/Time: 6/7/24 1254

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 14.50

(ft)

Attempt #: 1

Processing Recovery Depth: 16.11

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.02

Diameter of Core (inches) 4.00

Notes: free 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
0	10	40	0-491 cm BLACK SILT w/ SAND (ML)		0	-17.8 ft MLLW	
10			-10 cm Roots NO ODR/Sheen. Soft - wet		10		
20	60	40	-30 cm SILTY SAND LENS. BLACK. MODERATELY SHEEN		20	SC1460A	
30			-39 cm		30		
40			-52 cm Roots		40		
50					50	-20 ft MLLW	
60					60	67.1 cm	
70			-87 cm Roots		70		
80					80	SC1460B	
90					90		
100					100		
110					110		
120	60	40	-126 SILTY SAND LENS. BLACK MOD. SHEEN		120	-22 ft MLLW	
130			-135		130	128.1 cm	
140					140	SC1460C	
150					150	158.1 cm	
160					160	SC1460D	
170					170	188.1 cm	
180					180	SC1460E	
190					190		
200					200	218.1 cm	
210					210	SC1460F	
220	0	100	-222 cm SILT LENS, GRAY, SHEEN,		220		
230			-241 cm		230	248.1 cm	
240					240	SC1460G	
250					250		
260					260	278.1 cm	
270					270	SC1460H	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1460

Job No. 210075.01.03

Collection Date/Time: 6/7/24 1254

No. of Sections: 1

Core Logged By: LM

Penetration Depth: 14.50 (ft)

Attempt #: 1

Processing Recovery Depth: 16.11 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

Diameter of Core (inches) 4.25

Notes: *Free Dive*

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
306cm				STICKS, WOOD, LEAVES, ROOTS, DENSE	308.1cm		~ ~ ~
310cm					SC1460I		
					338.1cm		
					SC1460J		
					368.1cm		
					SC1460K		
387cm				SILT, LENS, GRAY, STIFF	398.1cm		~ ~
394cm				ROOTS	SC1460L		
399cm					428.1cm		~ ~ ~
					SC1460M		
431cm				ROOTS	458.1cm		
					458.1cm		
					SC1460N		
491.0 cm				END OF SAMPLE	491.0cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 1.50

Processing Recovery Depth: 1.33

Adjusted Recovery Percentage: 88.7%

Notes: hard drive to refusal.

Location ID: 1T1462

Collection Date/Time: 6/10/24 0753

Core Logged By: James Martin

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
30				0-40.5 cm Poozy - Grained Sand (SP) Loose, moist, brown, fine to medium grained sand, no sheen, no odor @ 16 cm decomposed concrete fragment @ 19 cm glass fragment, clear, 6 cm @ 26 cm small pebble (rounded) @ 36 cm amber glass fragment, 3 cm two small pebbles (rounded) (@ 40.5 cm end) of BORNA	30	1T1462	
60					60	39.9cm 39.9cm 40.5cm AN	40.5cm AN

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.44 (ft)

Adjusted Recovery Percentage: 81.3%

Notes:

Location ID: JT1463

Collection Date/Time: 6/25/24 1228

Core Logged By: A. White

Attempt #: 5

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	>75		0-5cm SILT (ML), soft, moist, reddish brown, non-plastic	0		
10	75	<5		5-74.4cm Poorly Graded SAND (SP), medium dense, moist, reddish brown to brown, medium grained	10		
20				@6 Biota (shrimp)	20	IT1463A	
30				@9 woody debris	30		
40				@10 shell fragment	40	36.6cm	
50				@15 Glass shard, colorless, 3/4" wide	50		
60				@22 silt clast, light grey color	60		
70					70		
80				CORE ENDS @ 74.4 cm	80	74.4cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.24 (ft)

Adjusted Recovery Percentage: 74.7%

Notes:

Location ID: SC1464

Collection Date/Time: 6/14/24 1601

Core Logged By: James Martin

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	0	10	90	0-57.8 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 30 cm GRADES TO SOFT, MOIST	30	SC1464	
60				@ 52 cm DECOMPOSED WOOD 57.8-68.3 cm POORLY-GRADED SAND (IP) LOOSE, MOIST, BLACKISH GRAY, SAND, FINE TO MEDIUM GRAINED SAND, NO SHEEN, NO ODOR @ 64-66 cm BLACK SILT LOOSE	60	44.8 cm	
90					90		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 110.60 (ft)

Processing Recovery Depth: 11.99 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1465

Collection Date/Time: 5/22/24 1057

Core Logged By: James Meron

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	0-365.5 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 13 cm organic fibers @ 27 cm organic fibers @ 41 cm organic fiber @ 50 cm PLASTIC FRAGMENT @ 72 cm BLUE STRING @ 93 cm PLASTIC COFFEE CUP LID @ 98 cm ORGANIC FIBER @ 102 cm ORGANIC FIBER @ 107 cm ORGANIC FIBER @ 126 - 150 cm BROWN SILT/CLAY @ 135 cm (5 cm) STICK @ 155 cm STICK (2 cm) @ 161-167 cm FINE-GRAINED SAND LENSE @ 219 cm SHELL FRAGMENT @ 240-245 cm ORGANIC FIBERS @ 249 cm PLASTIC STRIP @ 269-290 cm STICKS, ORGANIC FIBERS @ 300 cm PAPER SCRAPS, ROUNDED GRAVEL	30	SC1465A	
60					60	60.0 cm SC1465B	
90					90	90.0 cm SC1465C	
120					120	120.0 cm SC1465D	
150					150	150.0 cm SC1465E	
180					180	180.0 cm SC1465F	
210					210	210.0 cm SC1465G	
240					240	240.0 cm SC1465H	
270					270	270.0 cm SC1465I	
300					300	300.0 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.60 (ft)

Processing Recovery Depth: 11.99 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1465

Collection Date/Time: 5/22/24 1057

Core Logged By: James Merwin

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
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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
330		35	65	... CONTINUED SILT (ML) @ 302 cm GRADES TO SANDY SILT (ML) @ 342 cm ORGANIC FIBERS ----- END OF REACH @ 365.5 cm	330	SC1465J	
360					360	330.0cm SC1465K	
						365.0cm	

EOB
@
365.5
cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.50 (ft)

Processing Recovery Depth: 7.85 (ft)

Adjusted Recovery Percentage: 58.1

Notes: free drive

Location ID: SC1466

Collection Date/Time: 6/6/24 1433

Core Logged By: LM

Attempt #: 3

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	0-239.3 cm BLACK SILT w/ SAND soft/wet	18.7 mllw	SC1466A	
				- 9cm WORM No Sheen / odor	20.04 mllw	23.0cm	
				- 21cm Wood Pieces		SC1466B	
				- 26cm Roots		22.24 mllw	
				- 39cm Roots		56.4cm	
60				- 68cm Roots		SC1466C	
				- 74cm Wood Pieces		75.8cm	
				- 85cm Wood Pieces		SC1466D	
				- 89cm Roots		93.2cm	
90				- 100cm Roots		SC1466E	
				- 102cm Wood Pieces		110.6cm	
				- 117cm to 133cm ORGANIC MATERIAL, LEAVES, WOOD, GRASS, DENSE Matted		SC1466F	
120				- 133cm		128.0cm	
				- 136cm Roots		SC1466G	
				- 146cm Roots		145.4cm	
150				- 152cm SAND content increases		SC1466H	
				- 178cm TRANSITION TO MODERATELY STIFF		162.8cm	
				- 179cm Roots		SC1466I	
180				- 183-190cm SAND LENS (BLACK SILTY SAND w/ White, Red + BLACK (SM))		180.2cm	
				- 190cm		SC1466J	
				- 193-197cm SAND LENS (SM)		197.6cm	
210				- 197cm		SC1466K	
				- 198cm SILT TRANSITIONS TO GRAY COLOR		215.0cm	
				- 206-209cm SAND LENS (SM)		SC1466L	
				- 217-222cm SAND LENS (SM)		239.3cm	
240				- 239.3cm END OF SAMPLE			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.50 (ft)

Processing Recovery Depth: 2.24 (ft)

Adjusted Recovery Percentage: 89.6%

Notes:

Location ID: JT1467

Collection Date/Time: 01/19/24 1314

Core Logged By: James Mauer

Attempt #:

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	0-68.3 cm Silt (ML) very soft wet, bluish-gray, silt, low plasticity trace fine-grained sand, no silt, moderate H ₂ S-like odor @ 20 cm grades to soft, moist @ 68.3 cm end of Run	0	JT1467	
30					30	403cm	
60					60		
90					90		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 2

Penetration Depth: 24.00 (ft)

Processing Recovery Depth: 23.80 (ft)

Adjusted Recovery Percentage: 95.8%

Notes:

Location ID: SC1468

Collection Date/Time: 7/10/24 1239

Core Logged By: AB

Attempt #: 2

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
				0-70 cm V soft, wet, Blackish gray clayey silt (ML) Low plasticity Sheen, no odor	30	SC1468A	
				Sheen @ 564 cm	60	57.5 cm SC1468B	
				Twig/stick @ 27, 116, 363, 417, 490, 524, 639 cm	90	86.2 cm SC1468C	
				Roots 43, 59, 140, 465	120	114.9 cm 114.9 cm SC1468D	
				Gravel lens Between 73-79 cm	150	143.6 cm SC1468E	
				Shell, 42, 465 cm	180	172.3 SC1468F	
				Sandy lens 330-330	210	201.0 cm SC1468G	
					240	229.7 cm SC1468H	
					270	258.4 cm SC1468I	
					300	287.1 cm SC1468J	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 2

Penetration Depth: 24.00 (ft)

Processing Recovery Depth: 23.00 (ft)

Adjusted Recovery Percentage: 95.8%

Notes:

Location ID: SC1468

Collection Date/Time: 7/10/24 1239

Core Logged By: AB

Attempt #: 2

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
					330	SC1468J	
						35.8cm	
						SC1468K	
						344.5cm	
					360	SC1468L	
						373.2cm	
					390	SC1468M	
						401.9cm	
					420	SC1468N	
						430.6cm	
					450	SC1468O	
						460.459.8cm	
					480	SC1468P	
						488.0cm	
					510	SC1468Q	
						516.7cm	
					540	SC1468R	
						545.5cm	
					570	SC1468S	*
						574.1cm	
					600	SC1468T	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 2

Penetration Depth: 24.00 (ft)

Processing Recovery Depth: 23.00 (ft)

Adjusted Recovery Percentage: 95.8%

Notes:

Location ID: SC1468

Collection Date/Time: 7/10/24 1239

Core Logged By: AB

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
				EoB	602.8cm	SC1468U	
					631.5cm	SC1468V	
					660.2cm		
					690.0cm	SC1468W	
					701.0cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.70 (ft)

Processing Recovery Depth: 5.40 (ft)

Adjusted Recovery Percentage: 70.1%

Notes:

Location ID: IT1469

Collection Date/Time: 5/21/24 0749

Core Logged By: James Hester

Attempt #: 2

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	0	5	95	0-121 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, NO TO LOW PLASTICITY, TRACE FINE-GRAINED SANDS, NO SHEEN, NO ODOR @ 27 cm organic fibers	30	IT1469A	
60				@ 60 cm - 70 cm small subrounded gravels	60	31.5 cm IT1469B	
90				@ 61 cm GRADES TO LOW PLASTICITY, SOFT	90	52.5 cm IT1469C	
120				@ 63-70 cm GRAY CLAY POCKET	120	73.5 cm IT1469D	
150				@ 67 cm WOOD FRAGMENT (6 cm), TWIG (7 cm)	150	94.5 cm IT1469E	
180				@ 71 cm ORGANIC FIBER, TWIG	180	121.0 cm IT1469F	
210				@ 73 cm SLAG (2 cm)	210	142.0 cm IT1469G	
				@ 73.5 cm TO 121 cm SMALL TO MEDIUM SUBANGULAR & SUBROUND GRAVELS		164.6 cm	
				@ 115 SUBANGULAR CONCRETE AGGREGATE			
				121-164.6 cm POZZY-GRADED SAND (SP) MEDIUM DENSE, MOIST, OLIVE-GRAY, POZZY-GRADED SAND, TRACE SILT, FINE TO MEDIUM GRAINED SAND, NO SHEEN, NO ODOR @ 139 cm SHELL FRAGMENT @ 145 cm GLASS FRAGMENT @ 151 cm DECOMPOSED WOOD			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections:

Penetration Depth: 7.7 (ft)

Processing Recovery Depth: 7.45 (ft)

Adjusted Recovery Percentage: 96.8%

Notes:

Location ID: IT1470

Collection Date/Time: 5/21/24

Core Logged By: James M. M...

Attempt #: 3

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	0-227.1 SILT (ML) VERY SOFT, WET, BLACKISH GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 22 cm organic fiber @ 34 cm SHELL WASH @ 39-58 cm GRAY SILT COLORATION @ 76 cm TWIG (1.25 cm) @ 87 cm CLAM SHELL @ 90 cm CLAM SHELL @ 92 cm TWIG (1.5 cm) @ 97 cm WOOD FRAGMENT (2 cm) @ 112 cm WOOD FRAGMENT (3 cm) @ 161-164 cm FINE-GRAINED SAND LENSE @ 169-173 cm FINE-GRAINED SAND LENSE @ 181-190 cm GRAY CLAY POCKET @ 194 cm WOOD FRAGMENTS (4 cm, 7 cm) @ 202 cm GRADES TO SANDY SILT (ML), coarse GRADES TO GRAY @ 209 cm SUBROUNDED GRAVEL @ 214-224 cm SHELL WASH @ 227 cm SUBROUNDED GRAVEL, PEBBLES END OF BORING @ 227.1 cm	30	IT1470A	
60					43.6 cm	IT1470B	
90					72.6 cm	IT1470C	
120					101.6 cm	IT1470D	
150					130.6 cm	IT1470E	
180					159.6 cm	IT1470F	
210					188.6 cm	IT1470G	
240					227.1 cm		

227.1

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.85 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1476

Collection Date/Time: 6/20/24 1040

Core Logged By:

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	0	5	95	0-361.2 cm SILT (ML) S.F.T. MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, MODERATE H ₂ S-LIKE ODOR	0	SC1476A	
30				@60 cm GRADES TO SLIGHT H ₂ S-LIKE ODOR	30	60.0cm SC1476B	
60				@61-69 cm OLIVE-GRAY SILT	60		
90				@90 cm GRADES TO NO ODOR	90	90.0cm SC1476C	
120				@93-96 cm OLIVE-GRAY SILT LENSES	120	120.0cm SC1476D	
150				@111 cm FIBER	150	150.0cm SC1476E	
180				@164-171 cm OLIVE-GRAY SILT POCKET	180	180.0cm SC1476F	
210				@185 cm WHITE PLASTIC PIECE	210	210.0cm SC1476G	
240				@190 cm TWO PLASTIC PIECES (3 cm, 5 cm)	240	240.0cm SC1476H	
270				@193-215 cm OLIVE-GRAY COLOR	270	270.0cm SC1476I	
300				@292 cm FIBERS	300	300.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.85 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1476

Collection Date/Time: 06/20/24 1040

Core Logged By:

Attempt #: 2

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
330	0	5	95	@345 cm TWIG @361.2 cm END OF BARGE	330	SC1476J	
340					340	330.0cm	
350					350	SC1476K	
						361.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 3.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC 1477

Collection Date/Time: 6/19/24 1207

Core Logged By: James Merion

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	0	5	95	0-91.4 cm silt (m) soft, moist, blackish-gray. silt, with plasticity trace fine-grained sand, no shell, no odor @ 5 cm stick	30	SC1477 10.0 cm	▲
40	10	5	85	@ 45 cm stick @ 62-75 cm rounded & subrounded gravels and pebbles	60	SC1477 60.0 cm	▲
90				@ 91.4 cm end of core	90		
120					120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 3.15 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1478

Collection Date/Time: 06/21/24 1154

Core Logged By: JAMES MELTON

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	0	10	90	0-96.0 S.I.T (ML) VERY SOFT, WET, BLACKISH-GRAY. SILT, LOW PLASTICITY NO SHEEN, MODERATE H ₂ S-LIKE ODOR @ 9 cm TWIG @ 15 cm GRASS TO SOFT, MOIST @ 22 cm FINE-GRAINED SAND LENSE @ 28 cm FINE-GRAINED SAND LENSE @ 35-42 cm WOOD LENSE (FIBERS, BARK) @ 56 cm ROUNDED ROCK @ 84 cm FIBERS @ 96.0 cm END OF BORING	0	SC1478 10.0cm 60.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.50 (ft)

Processing Recovery Depth: 8.11 (ft)

Adjusted Recovery Percentage: 85.4%

Notes:

Location ID: SC1479

Collection Date/Time: 6/21/24 1042

Core Logged By: James Melton

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	0-247.2 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @14 cm GRAPES TO SOFT, MOIST @14 cm LARGE BARK PIECE	0	SC1479A	
30					30	51.2cm SC1479B	
60				@62-64 cm PLASTIC FIBERS, MATTING	60	76.8cm SC1479C	
90				@74 cm OLIVE-GRAY SILT LOOSE @79 cm FIBER	90	102.4cm SC1479D	
120				@113-154 cm OLIVE-GRAY SILT / CLAY	120	128.0cm SC1479E	
150					150	153.6cm SC1479F	
180				@166 cm TWIG	180	179.2cm SC1479G	
210				@183 cm TWIG, FIBERS	210	204.8cm SC1479H	
240				@190 cm GRADES TO MEDIUM DENSE, LOW PLASTICITY	240	230.4cm SC1479I	
270				@209 cm SLIGHT PETROLEUM-LIKE GLOSS TO 247.2 cm @212 cm GRASS / REED	270	247.2cm	
300	65	35		@222-231 cm SILTY SAND LOOSE (SM) FINE TO COARSE GRAINED SAND @229 cm ROUNDED ROCK @247.2 cm END OF BORING	300		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 3.00 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1480

Collection Date/Time: 6/20/24 1256

Core Logged By: JAMES NELSON

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	0	5	95	0-91.4 cm Silt (ml) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @20 cm FIBER @30 cm GRADE TO SOFT, MOIST @45 cm TWIGS, FIBERS @59 cm TWIG @60-66 OLIVE-BRAY SILT CLUMP @73 cm POUNDED ROCK @74 cm GREEN FRAGMENTS @91.4 cm END OF BORING	30	SC1480	
60					60	60.0cm	
90					90		
120					120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 13.64 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1482

Collection Date/Time: 6/17/24 1514

Core Logged By: James Merino

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	0	10	90	0-45.7 cm SILT (m) very soft, wet, BLACKH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, no SHEEN, no odor @18 cm STICK (8 cm) @34 cm FIBERS @65 cm GRADU TO SOFT, moist @143 cm STICK (6 cm) @157 cm TAN SILT pocket @171 cm STICK (6 cm) @173 cm wood FIBERS @177 cm SHEEN HASH @184.5-364.5 cm SLIGHT PETROLEUM-LIKE odor @280 cm more plasticity (LOW to medium) @281-283 cm OLIVE-GRAY SILT LENS	13.9 ft MLW SC1482A 20.0 ft MLW 33.5 cm SC1482B 22.0 ft MLW 94.5 cm SC1482C 124.5 cm SC1482D 154.5 cm SC1482E 184.5 cm SC1482F 214.5 cm SC1482G 244.5 cm SC1482H 274.5 cm SC1482I		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 13.64 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1482

Collection Date/Time: 01/17/24 1519

Core Logged By: James Mearns

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
330					330	304.5cm SC1482J	
360					360	334.5cm SC1482K	
390					390	364.5cm SC1482L	
420					420	394.5cm SC1482M	
450					450	415.7cm	
480							
510							
540							
570							
600							
630							
660							
690							
720							
750							
780							
810							
840							
870							
900							
930							
960							
990							
1020							
1050							
1080							
1110							
1140							
1170							
1200							
1230							
1260							
1290							
1320							
1350							
1380							
1410							
1440							
1470							
1500							
1530							
1560							
1590							
1620							
1650							
1680							
1710							
1740							
1770							
1800							
1830							
1860							
1890							
1920							
1950							
1980							
2010							
2040							
2070							
2100							

40 60 @ 400 cm GRADES TO SANDY SILT (mc)
@ 415.7 cm END OF BORING

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 8.47 (ft)

Adjusted Recovery Percentage: 94.1

Notes:

Location ID: SC1483

Collection Date/Time: 6/20/24 1154

Core Logged By: James Merwin

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	10	90	0-233.5 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE GRAINED SAND, NO GREEN, NO ODOR @30 cm DECOMPOSED WOOD @40 cm GRADERS TO SOFT, MOIST	0	SS1483	
30					10.0 cm	SC1483A	
60					56.5 cm	SC1483B	
90					84.7 cm	SC1483C	
120					112.9 cm	SC1483D	
150					141.1 cm	SC1483E	
180					169.3 cm	SC1483F	
210					197.5 cm	SC1483G	
240	0	100	0	233.5-258.2 cm Poorly-Grained Sand (SP) LOOSE, MOIST, DARK GRAY, FINE TO MEDIUM GRAIN SAND, NO GREEN, NO ODOR	233.5 cm	SC1483H	
270					258.2 cm		
300							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.80 (ft)

Processing Recovery Depth: 3.89 (ft)

Adjusted Recovery Percentage: 81.0%

Notes:

Location ID: IT1486

Collection Date/Time: 0125/24 0930

Core Logged By: A. White

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	0	5	95	0-8cm SILT (ML), soft, moist, red-brown non plastic	0	IT1486A	
30	0	75	<5	8-118.6cm Poorly Graded SAND (SP), med. dense, moist, red-brown color, medium grained	30	36.5cm IT1486B	
60				@9 concrete chunk, 3" thick	60	60.8cm IT1486C	
90				@26 rock, 2"	90	85.1cm IT1486D	
120				@40 Sand color grades to dark grey (remains dark grey until 118.6cm), trace multicolored grains (red + white) present beginning at 40 cm	120	118.6cm	
150				@52 Bark piece, 2"	150		
				CORE ENDS @ 118.6 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.30 (ft)

Processing Recovery Depth: 17.07 (ft)

Adjusted Recovery Percentage: 93.3%

Notes:

Location ID: SC1488

Collection Date/Time: 6/18/24 1229

Core Logged By: JAMES MAJON

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	0	10	90	0-520.3 Silt (m) VERY SFT, WAT, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SPOON NO odor	-14.1 ft MLLW	SC1488A	
30				@ 50 cm GRADES TO SOFT, MOIST	30		
60					60		
90					-17.1 MLLW	83.9 cm	
120				@ 120 cm wood FIBRES	120	SC1488B	
150					150		
180				@ 162 cm REED	-20.0 ft MLLW	167.8 cm	
210				@ 183 cm STICK	210	SC1488C	
240				@ 200 cm WIRE PLASTIC, GRADES TO MEDIUM DENSE	240		
270				@ 239 cm FIBER	-22.0 ft MLLW	224.7 cm	
300				@ 268 cm STICKS	270	SC1488D	
				@ 278 cm wood FIBRES	280.7 cm	SC1488E	
					280.7 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 18.30 (ft)

Processing Recovery Depth: 17.07 (ft)

Adjusted Recovery Percentage: 93.3%

Notes:

Location ID: SC1488

Collection Date/Time: 6/18/24 1224

Core Logged By: Jm

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
320				@302 cm FIBERS	320	SC1488F	~ ~
						308.7cm	
						SC1488G	
						336.7cm	
						SC1488H	
360				@359 cm TAN SILT LENSE w/ MEDIUM GRAINED SAND LENSE	360	364.7cm	
						SC1488I	▲
380				@377 cm STICK	380	392.7cm	
						SC1488J	▲ ~ ▲ ▲
400				@409 cm WOOD FRAGMENTS (STICKS, BARK, FIBERS)	400	420.7cm	▲
						SC1488K	
420				@427 cm STICK		448.7cm	
	0	20	80	@445 cm GRADES TO SANDIER. SILT w/ SAND	440	SC1488L	
440						476.7cm	
						SC1488M	
480					480	504.7cm	
						SC1488N	
520				@520.3 cm END OF BORING	520	520.3cm	
540					540		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 13.21 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1489

Collection Date/Time: 10/20/24 1117

Core Logged By: James Morton

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	0-402.6 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE GRAINED SANDS, NO SHEEN, MODERATE H ₂ S-LIKE ODOR @ 8 cm WORM @ 27 cm TWIG @ 40 cm TWIG @ 60 cm GRADES TO SOFT, MOIST @ 80-90 cm PLASTIC FIBERS @ 111-118 cm TWIGS, PLASTIC SM FIBERS @ 127.6 cm GRADES TO SLIGHT H ₂ S-LIKE ODOR @ 187.6 cm GRADES TO NO ODOR @ 189-198 cm OLIVE-GRAY COLOR @ 202 cm FIBER @ 206 cm FIBER @ 218 cm TAN SILT POCKET	18.8 ft MLW SC1489A 20.0 ft MLW 36.6 cm SC1489B 22.0 ft MLW 97.6 cm SC1489C 127.6 cm SC1489D 157.6 cm SC1489E 187.6 cm SC1489F 217.6 cm SC1489G 247.6 cm SC1489H 277.6 cm SC1489I		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 13.21 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1489

Collection Date/Time: 01/20/24 1117

Core Logged By:

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
330	0	5	95	@307 cm FIBER @317 cm FIBER	330	307.6 cm SC1489J	~
360					360	337.6 cm SC1489K	~
390				@351 cm FIBERS @390 cm STICK	390	367.6 cm SC1489L	~
420				@402.6 cm END OF BARREL	420	402.6 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 5.37 (ft)

Adjusted Recovery Percentage: 59.7%

Notes:

Location ID: SC1490

Collection Date/Time: 02/17/24 1611

Core Logged By: James McLean

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	25	75		0-156.0 SILT w/ SAND (ML) SFT, NOT, BLACKISH-GRAY, SILT w/ SAND, LOW PLASTICITY, FINE-GRAINED SAND, NO SHEEN, NO ODOR	0	SC1490A	
10		90		@40 cm GRADES TO MOIST, LESS SAND CONTENT	35.8 cm	SC1490B	
				@62 cm subangular rock	53.7 cm	SC1490C	
				@64-80 cm POORLY-GRADED SAND LENSE (SP) FINE GRAINED SAND	71.6 cm	SC1490D	
				@84 cm TWO SUBROUNDED ROCKS	89.5 cm	SC1490E	
				@100 cm GRADES TO OLIVE COLOR, MORE PLASTICITY	107.4 cm	SC1490F	
				@125 cm FINE-GRAINED SAND LENSE	125.3 cm	SC1490G	
0	40	60		156.0-163.7 SILTY SAND (SM) LOOSE, MOIST, OLIVE-BROWN, SILTY SAND, FINE TO MEDIUM GRAINED SAND, NO SHEEN, NO ODOR	143.2 cm	SC1490H	
					163.7 cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 9.24 (ft)

Adjusted Recovery Percentage: 84.0

Notes:

Location ID: SC1491

Collection Date/Time: 5/20/24 0843

Core Logged By: JAMES MENDO

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	0	5	95	0 - 281.6 cm SILT (ML) VERY SOFT, WET, BLACKISH GRAY, SILT, NO TO LOW PLASTICITY, TRACE FINE GRAINED SAND, NO SHEEN, NO ODR @ 16 cm ORGANIC FIBERS	30	SC1491A	~
60					60	50.4 cm SC1491B	
90					90	75.6 cm SC1491C	
120				@ 113 cm SMALL WOOD FRAGMENT (4 cm) @ 120 cm GRADES TO SILT	120	100.8 cm SC1491D	▲
150				@ 132 cm FINE GRAINED SAND POCKET	150	126.0 cm SC1491E	●
180				@ 160 cm FINE-GRAINED SAND POCKET	180	151.2 cm SC1491F	●
210				@ 180 cm FINE-GRAINED SAND POCKET	210	176.4 cm SC1491G	●
240				@ 198 TWO WOOD FRAGMENTS (1/4") @ 209 cm GRAY CLAY POCKET	240	201.6 cm SC1491H	●
270				@ 229 cm GRAY CLAY POCKET	270	226.8 cm SC1491I	●
				@ 249 cm GRAY CLAY POCKET		252.0 cm SC1491J	●
				END OF BORING @ 281.6		281.6 cm	

281.6

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 9.99 (ft)

Adjusted Recovery Percentage: 83.3%

Notes:

Location ID: SC1492

Collection Date/Time: 6/21/24 1350 1340

Core Logged By: James Merwin

Attempt #: 3

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	0-304.1 cm SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SANDS, NO SHEEN, SLIGHT PETROLEUM LIKE ODOR @22 cm PLASTIC FIBER @23 cm TWIG @29 cm GRADES TO SOFT, NO SILT @51-59 cm TWIGS, ROOTS, FIBERS @78 cm FIBER / ROOT @94 cm TWIGS, FIBERS @156 cm WHITE PLASTIC FIBERS @192 cm TWIG @213 cm FIBERS, ROOTS @227-233 cm FIBERS, ROOTS @241 cm FIBER @266 cm FIBER	19.4 ft ML SC1492A 22.0 ft ML 66.1 cm SC1492B 91.1 cm SC1492C 116.1 cm SC1492D 141.1 cm SC1492E 166.1 cm SC1492F 191.1 cm SC1492G 216.1 cm SC1492H 241.1 cm SC1492I 266.1 cm SC1492J		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.37 (12.00)

Processing Recovery Depth: 9.49 (ft)

Adjusted Recovery Percentage: 83.3%

Notes:

Location ID: SC1492

Collection Date/Time: 6/21/24 1330

Core Logged By: James Moran

Attempt #: 3

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
304.1				@ 304.1 cm End of BORING	304.5		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.30 (ft)

Processing Recovery Depth: 11.90 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1493

Collection Date/Time: 6/25/24 1347

Core Logged By: A. White

Attempt #: 3

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	0-362.7cm: SILT(ML), soft, moist, black, non-plastic	0		
30				@7-21 abundant woody debris, sticks	30	SC1493A	
60				@24-35 sand lense, dark grey, fine grained	60	60.0cm SC1493B	
90				@35-37 Organic debris lense	90	90.0cm SC1493C	
120				@43-46 Organic debris lense	120	120.0cm SC1493D	
150				@69-84 Woody debris lense	150	150.0cm SC1493E	
180				@75 2 green paint chips, < 1/2"	180	180.0cm SC1493F	
210				@84-92 Silt lense, light grey	210	210.0cm SC1493G	
240				@100 stick, 2"	240	240.0cm SC1493H	
270				@107 Organic debris	270	270.0cm SC1493I	
300				@123 stick, 3"	300	300.0cm	
				@127, 132 Organic debris			
				@128-155 Interbedded silt lenses, light grey			
				@158 wood piece, 3"			
				@190-193 silt lense, light grey			
				@200 Organic debris			
				@225 Organic debris			
				@253 wood piece, 2"			
				@261 wood piece, 1"			
				@280 stick, 2"			
				@282 to bottom of core faint petroleum-like odor			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.90 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1493

Collection Date/Time: 0125/24 1347

Core Logged By: A. White

Attempt #: 3

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				@302-306 organic debris, roots	330	SC1493J	
30				@320-334 interbedded silt lenses, light grey	360	SC1493K	
390				@337 stick, 2.5"	360	362.7cm	
				CORE ENDS @ 362.7 cm	390		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 9.35 (ft)

Adjusted Recovery Percentage: processed

Notes: as 100%

Location ID: SC1494

Collection Date/Time: 6/18/24 13:17

Core Logged By: James Merow

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

ANCHOR
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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	0	5	95	0 - 290.5 cm SILT (ml) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR	30	SC1494A	
60				@50 cm GRADES TO MOIST	60	60.0cm SC1494B	
90				@90 cm WOOD FRAGMENTS @94 cm CLEAR PLASTIC PIECE	90	90.0cm SC1494C	
120				@122 cm PLASTIC FIBERS	120	120.0cm SC1494D	
150				@145 cm SHELL FRAGMENT	150	150.0cm SC1494E	
180				@176 cm WOOD FIBER	180	180.0cm SC1494F	
210					210.0cm SC1494G		
240					240.0cm SC1494H		
270					270.0cm SC1494I		
290.5				@288 cm WOOD FRAGMENTS (ANTHROPIC) @290.5 cm END OF BORING	290.5cm SC1494J		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.50 (ft)

Processing Recovery Depth: 5.85 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1495

Collection Date/Time: 6/18/24 1054

Core Logged By: JAMES MELTON

Attempt #: 3

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	10	90	0-178.3 cm SILT (ML) SOFT, MOIST, BLACKISH-GRAY, SILT, LOW PLASTICITY TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR SLIGHT PETROLEUM-LIKE COLOR 0-178 cm	0	SC1495A	
60				@69 cm SLAG FRAGMENT	60.0 cm	SC1495B	
90				@93 cm MATT PLASTICITY	90.0 cm	SC1495C	
120				@127 cm BARK/WOOD FRAGMENT	120.0 cm	SC1495D	
150				@146 cm STICK	150.0 cm	SC1495E	
180				@157 cm WOOD FRAGMENT, PLASTIC FIBER	180.0 cm	SC1495F	
210				@160 cm CONCRETE FRAGMENT			
240				@169 cm PLASTIC FIBER			
270				@173 cm GRAVEL (SUBANGULAR)			
278.3				@178.3 cm END OF BORING	178.3 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 2.21 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1498

Collection Date/Time: 6/12/24 0938

Core Logged By: James Martin

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	0	35	65	0-46 cm Sandy silt (mud) very soft, wet, blackish gray, sandy silt, no to low plasticity, fine-grained sand, no sheen, no odor	30	IT1498	
60	65	15	20	46-67.4 cm Poorly-sorted gravel w/ silt & sand (GP-GM) and wet, dense, blackish-gray, poorly-sorted gravel w/ silt & sand, trace fine-grained sand, rounded, subrounded, angular gravels, no sheen, no odor	60	45.0cm	
90					90		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.50 (ft)

Processing Recovery Depth: 3.60 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1500

Collection Date/Time: 6/18/24 1453 1453

Core Logged By:

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	0	95	5	0-12 cm Poopy - Grained Sand (SP) Loose, moist, grayish brown / dark brown, fine to medium grained sand, no sheen, slight H ₂ S-like sheen to 109.7 cm	30	SC1500	
60				12-109.7 cm silt (ML) Soft, moist, grayish-black, silt, low plasticity trace fine to medium grained sand, no sheen, slight H ₂ S-like odor to 109.7 cm	60	60.0 cm	
90				@62 cm Reed	90		
120				@74 cm stick	120		
150				@109.7 cm end of boring	150		
180					180		
210					210		
240					240		
270					270		
300					300		
330					330		
360					360		
390					390		
420					420		
450					450		
480					480		
510					510		
540					540		
570					570		
600					600		
630					630		
660					660		
690					690		
720					720		
750					750		
780					780		
810					810		
840					840		
870					870		
900					900		
930					930		
960					960		
990					990		
1020					1020		
1050					1050		
1080					1080		
1110					1110		
1140					1140		
1170					1170		
1200					1200		
1230					1230		
1260					1260		
1290					1290		
1320					1320		
1350					1350		
1380					1380		
1410					1410		
1440					1440		
1470					1470		
1500					1500		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1501

Job No. 210075.01.03

Collection Date/Time: 5/20/24 0923

No. of Sections: 1

Core Logged By: JAMES MENDOZA

Penetration Depth: 11.00 (ft)

Attempt #: 1

Processing Recovery Depth: 11.95 (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	0-364.2 cm SILT (ML) SOFT, WET, BLACKISH GRAY, SILT, NO TO LOW PLASTICITY, NO SHEEN, NO ODOR @ 18-28 cm ORGANIC FIBERS, TWIGS	0	-15.6 ft MLW	
30					30	SC1501A	
60				@ 57 cm TRACE SHELL HASH @ 67-83 cm TRACE SHELL HASH	60		
90					90	67.1 cm	
120				@ 113 cm GRADCS TO MOIST @ 116 cm DECOMPOSED WOOD @ 126 cm WOOD DEBRIS (REEDS) @ 135 cm ORGANIC FIBERS	120	SC1501B	
150					150	-20 ft MLW	
180					180	134.2 cm	
210				@ 182 cm TRACE SHELL HASH @ 189 cm TWO WOOD FRAGMENTS (BARK 6-7 cm)	210	SC1501C	
240				@ 212 cm WOOD FRAGMENT (5 cm) @ 215 cm WOOD FRAGMENT (5 cm) @ 227 cm SAND POCKET, FINE-GRAINED	240	-22 ft MLW	
270					270	195.2 cm	
300				@ 260 cm WOOD FRAGMENT (4 cm) @ 263 cm-267 cm SAND POCKET, FINE-GRAINED @ 269 cm TRACE WOOD FIBERS @ 287 cm WOOD/STICK (5 cm)	300	SC1501D	
						-24 ft MLW	
						256.2 cm	

 ANCHOR
QEA

Location ID: SC1501

Collection Date/Time: 5/20/24 0923

Core Logged By: James Morton

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

364.2

Page 1 of 1

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.20 (ft)

Processing Recovery Depth: 11.69 (ft)

Adjusted Recovery Percentage: 88.6%

Notes:

Location ID: SC1503

Collection Date/Time: 11/19/24 11:21

Core Logged By: JAMES MASON

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	0	5	95	0-275.2 Silt (ML) very soft, wet, blackish-gray, silt, low plasticity, trace fine-grained sand, no sheen, no odor	0	-17.96m LWD	
30					30	SC1503A	
60				@40 cm GRADES TO SOFT, MOIST	60	-20.04m LWD	
						56.7cm	
90					90	SC1503B	
120					120	-22.04m LWD	
						110.7cm	
150					150	SC1503C	
180						137.3cm	
210				@149 cm GRADES TO OLIVE-BROWN color	210	SC1503D	
240						163.9cm	
						SC1503E	
270					270	190.5cm	
						SC1503F	
						217.1cm	
						SC1503G	
						243.7cm	
						SC1503H	
				@267 cm thick			
300	0	100	0	275.2-356.3 cm Poorly-Grained Sand (SP) medium stiff, moist, olive-brown, fine to medium grained sand, no sheen, no odor	300	275.2cm	
						SC1503I	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.20 (ft)

Processing Recovery Depth: 11.69 (ft)

Adjusted Recovery Percentage: 88.6%

Notes:

Location ID: SC1503

Collection Date/Time: 6/19/24 1121

Core Logged By: James Merion

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
330				@ 311-315 cm silt pocket	361.8 cm	SC1503J	
				@ 322 cm twig	328.4 cm	SC1503K	
340				@ 334 cm TWIGS, BARK			
				@ 356.3 cm END OF CORE	356.3 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 2.07 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1504

Collection Date/Time: 6/19/24 1503

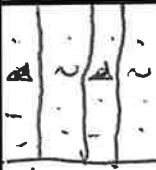
Core Logged By: James Martin

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	0	5	95	0-35.6 cm SILT (ML) SOFT, WET, OLIVE-GRAY, SILT, LOW PLASTICITY, TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR @ 13 cm TWIGS, FIBERS @ 32 cm GRAVEL TO MOIST @ 34 cm TWIGS, FIBERS	30	IT1504	
60	0	95	5	35.6-63.1 cm POORLY-GRAINED SAND (SP) LOOSE, MOIST, OLIVE-GRAY, FINE TO MEDIUM GRAINED SAND, TRACE SILT, NO SHEEN, NO ODOR @ 40-45 cm SUB-ROUND ROCKS, SMALL PEBBLES @ 45-47 cm GLASS FRAGMENTS @ 63.1 cm END OF BURN	60	45.0cm	
90					90		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.45 (ft)

Adjusted Recovery Percentage: 72.5%

Notes:

Location ID: IT1505

Collection Date/Time: 5/17/23 1426

Core Logged By: A. White

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		15	85	0-13cm sandy SILT (ML), soft, wet to moist, dark grey, non plastic @5 Wood piece (bark, 1.5") @10 Organic debris (root) @13 Fibrous synthetic material (fishing line-like)	10	IT1505	
20		95	5	13-44.2 cm Poorly graded SAND (SP), medium dense, moist, dark grey, fine to medium grained @14 Organic debris (root) @30,34 Gravel, subrounded	20		
30					30		
40					40	32.6cm	
50				CORE ENDS @ 44.2 cm	50		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 10.18 (ft)

Adjusted Recovery Percentage: 88.5%

Notes:

Location ID: SC1507

Collection Date/Time: 5/22/24 1334

Core Logged By: James M. Allen

Attempt #: 3

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		10	90	0-225 cm SILT (ML) SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY FINE-GRAINED SAND, NO SHEEN, NO ODOR	30	SC1507A	
60				@65 cm GRAPES TO MOIST @67 cm ORGANIC FIBERS	60	53.1cm SC1507B	
90					90	79.7cm SC1507C	
120				@121 cm GRAY CLAY POCKET	110	106.3cm SC1507D	
150				@143 cm STICK (4 cm)	130	132.9cm SC1507E	
180				@166-169 cm FINE-GRAINED SAND LOOSE	150	159.5cm SC1507F	
210				@186 cm GRAY CLAY POCKET	180	186.1cm SC1507G	
240				@218 cm FINE-GRAINED SAND POCKET	210	225.0cm SC1507H	
270		65	35	225-310.3 cm POORLY-GRAINED SAND w/ SILT (SP-SM) MEDIUM DENSE, MOIST, BLACKISH-GRAY, POORLY-GRAINED SAND w/ SILT, FINE-GRAINED SAND, NO SHEEN, NO ODOR	240	251.6cm SC1507I	
300				@242 cm GRAY CLAY POCKET @247 cm GRAY CLAY POCKET @263 cm GRAY CLAY POCKET @270 cm GRAY CLAY POCKET	270	278.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 10.18 (ft)

Adjusted Recovery Percentage: 88.5%

Notes:

Location ID: SC1507

Collection Date/Time: 5/22/24 1334

Core Logged By: James Merion

Attempt #: 3

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
330		65	35	... CONTINUED, poorly-sorted SAND w/ silt (SP-SM) — END OF BORING @ 310.3 cm —	330	SC1507J 310.3cm	GOB @ 310.3 cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 1.50 (ft)

Processing Recovery Depth: 1.24 (ft)

Adjusted Recovery Percentage: 82.7%

Notes:

Location ID: IT1508

Collection Date/Time: 6/13/24 0912

Core Logged By: James Neron

Attempt #: 3

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 60	0	95	5	0-37.8 cm Peely-Grained Sand (SP) LESS, WET, BROWN, Peely-Grained Sand, FINE TO MEDIUM GRAINED SAND, TRACE SILT, NO SHEEN, NO ODOR 0-10 cm BLACK PLATEMENTS, BARK @ 26 cm GRADES TO MOIST @ 37.8 cm END OF CORE	30 40	IT1508A 37.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1.0

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.55 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1509

Collection Date/Time: 5/13/24 0834

Core Logged By: NB

Attempt #: 1

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4.11

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	0-352cm: SILT (ML): wet, soft, grayish black, non-plastic.	30	SC1509 A	
60				@64: two 1/2" wood chunks	60	0-60 SC1509 B	
90				@97-116: three 1" wood chunks, one 2" twig, two 1.5" whole shells.	90	60cm SC1509 C	
120				grades moist and sl. soft @ 120.	120	90cm SC1509 D	
150				@165: one 2.5" wood chunk.	150	120cm SC1509 E	
180				@193: few thin wood fibers	180	150cm SC1509 F	
210					210	180cm SC1509 G	
240					240	210cm SC1509 H	
270				@279: small wood twig	270	240cm SC1509 I	
300				@285: two 1/2" wood chunks	300	270cm SC1509 I	
						300cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1.0

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.55 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1509

Collection Date/Time: 5/13/24 0836

Core Logged By: NB

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
330				@ 302: few thin wood fibers. @ 310 & 323: 3/4" gray silty sand pockets.	330	SC1509 J 330cm	⑪
360				End of core @ 352cm	360	SC1509 K 352cm	⑫

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 17.82 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1510

Collection Date/Time: 5/14/24 1316

Core Logged By: A. White

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	0-425 cm: SILT (ML) Dark grey, moist, soft, non plastic @20 wood piece 2" @27 organic debris	30	-16.7mllw SC1510A	
60					60	-18.35mllw 50.3cm SC1510B	
90				@90 clay clast, grey	90	-20.04mllw 100.6cm SC1510C	
120				@130 organic debris	120		
150				@161-221 Moderate H ₂ S odor	150	-22.04mllw 161.6cm SC1510D	
180					180	191.6cm SC1510E	
210				@210 organic debris	210	221.6cm SC1510F	
240					240	251.6cm SC1510G	
270				@265 woody debris	270	281.6cm SC1510H	
300				@281 wood piece 1.5"	300		

300

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 17.82 (ft)

Adjusted Recovery Percentage: 100.0

Notes:

Location ID: SC1510

Collection Date/Time: 5/14/24 1316

Core Logged By: A. White

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
330				280-303 woody debris lense, dark brown	330	311.6cm SC1510I	
360				@ 367 wood piece 1"	360	341.6cm SC1510J	
390				@ 390 silt grades to silt with sand	390	371.6cm SC1510K	
				@ 396 wood piece 1"			
420				@ 408 woody debris	420	401.6cm SC1510L	
450	95	5		425-495cm Poorly graded SAND with silt (SP-SM), Dark grey, moist, medium dense trace mica grains	450	425.0cm SC1510M	geo
				@ 461 silt clast			
480				@ 432-437 woody debris/fibers	480	455.0cm SC1510N	
				@ 477 1.5" stick			
510	25	75		495-543.2cm silt with sand (ML) Dark grey, moist, soft, non plastic	510	495.0cm SC1510O	geo
				@ 521 organic debris			
540				CORE ENDS AT 543.2 CM	540	525.0cm SC1510P	
570					570	543.2cm	
600					600		

600

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 ft (ft)

Processing Recovery Depth: 11.75 ft (ft)

Adjusted Recovery Percentage: 97.9%

Notes:

Location ID: SC1151

Collection Date/Time: 5/13/24 0956

Core Logged By: N. Bacher

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		15	95	0-186cm: SILT WITH SAND (ML): grayish black, wet, v. soft, non-plastic. sand is fn-med.	30	20.0ft MLW SC1151A	
60					60	22.0ft MLW 59.7cm SC1151B	
90				@ 105: few wood fibers	90	89.1cm SC1151C	
120				@ 118: few 3/4" rounded gravel grades to moist, soft	120	118.5cm SC1151D	
150				@ 140: 3/4" wood chunk	150	147.9cm SC1151E	
180				@ 160: 3/4" wood chunk	180	177.3cm SC1151F	
210		5	95	@ 180: little shell hash	210	206.7cm SC1151G	
240				186-277cm: SILT (ML): black, moist, soft, sand is fn-med, non-plastic.	240	236.1cm SC1151H	
270				@ 189: black, silty clay pocket	270	277.0cm SC1151I	
300				@ 219-224 & 245-250 gray fn. sand lens.			
				@ 260: shell fragment			
				@ 276: few wood shreds			
		>95	<5	277-358cm: POORLY GRADED SAND (SP) grayish black, moist, mod. dense sand is fn-med.			
				@ 286 2" wood chunk			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 11.75 (ft)

Adjusted Recovery Percentage: 97.9%

Notes:

Location ID: SC1511

Collection Date/Time: 5/13/24 0956

Core Logged By: N. Bacher

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
330				SAA: @ 316 : 1/4" wood chunk 4"	330	SC1151J	
360				@ 341 : 2" wood chunk	360	SC1151K	
				END OF CORE @ 358 cm		358.1 cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: IT1513

Job No. 210075.01.03

Collection Date/Time: 5/16/24 0954

No. of Sections: 1

Core Logged By: A. White

Penetration Depth: 9.50 (ft)

Attempt #: 3

Processing Recovery Depth: 9.60 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100 1/2

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
30		5	95	0-92 cm SILT (ML), Dark grey, wet to moist, soft, non plastic @10 clay clast, grey @25 organic debris (roots) @30 clay clast, grey @45 organic debris, (roots) @51, 52, 67 clay clasts, grey @80 organic debris	30	IT1513A	
60					45.0cm	IT1513B	
90					75.0cm	IT1513C	
120		>95	<5	92-292.6 cm Poorly Graded SAND (SP), dark grey, moist, medium dense, medium grained, multicolored grains (red, white) @172 trace shell hash	92.0cm	IT1513D	
150					122.0cm	IT1513E	
180					152.0cm	IT1513F	
210					182.0cm	IT1513G	
240					212.0cm	IT1513H	
270					242.0cm	IT1513I	
300					272.0cm	IT1513J	
				CORE ENDS @ 292.6 cm	292.6cm		

geo

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 12.36 (ft)

Adjusted Recovery Percentage: 88.3

Notes:

Location ID: SC1515

Collection Date/Time: 5/13/24 1202

Core Logged By: N. Bacher

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		10	90	0-274cm: SILT (ML), grayish black, wet, v. soft, non-plastic, sand fin-med @14: two 2.5" wood chunks @50: few thin wood fibers	30	179.0 MLLW SC1515 A	
60					60	20.0 MLLW 56.5cm SC1515 B	
90					90	22.0 MLLW 110.4cm SC1515 C	
120				grades to wet soft @ 110 moist	120	136.9cm SC1515 D	
150				@127: 1" wood chunk @161-168, 180-186, 250-255 black silt lenses, mod. plast	150	163.4cm SC1515 E	
180				@195: 2" wood chunk @216: few wood shreds @224-229 black, sand lens, fin-med	180	189.9cm SC1515 F	
210				@242: few wood shreds.	210	216.4cm SC1515 G	
240					240	242.9cm SC1515 H	
270					270	274.0cm SC1515 I	
300		95	5	274-358: POORLY GRADED SAND (SP) see next page	300		

300

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 12.36 (ft)

Adjusted Recovery Percentage: 88.3

Notes:

Location ID: SC1515

Collection Date/Time: 5/13/24 1202

Core Logged By: N. Bacher

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 1.4"

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
330		95	5	POORLY GRADED SAND(SP): black, moist, medium dense, sand is fine med, trace mica flocs	330	SC1515J	
340				@303-310: black, silt lens, mod. plast.	340	SC1515K	
350				@350: few wood shreds.	350	SC1515L	
378				END OF CORE: 378 cm	378	SC1515M	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.00 (ft)

Processing Recovery Depth: 5.91 (ft)

Adjusted Recovery Percentage: 84.4%

Notes:

Location ID: IT1516

Collection Date/Time: 5/15/24 0906

Core Logged By: A. White

Attempt #: 3

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		15	85	0-96 cm Sandy SILT (ML), Dark grey, wet to moist, soft, non plastic @20 round rock, 1/2" @32 organic debris @55-62 sub-rounded rocks, 2"-3"	30	IT1516 A	
60				@63 Asphalt-like chunk, 6" @72 Milky white glass piece, 2.5" x 3/4"	60	38cm IT1516 B	
90				@90 trace shell hash	90	63.3cm IT1516 C	
120		79.5	<5	96-180.1cm poorly graded SAND (SP) Dark grey, moist, medium dense, medium to coarse grained, multicolored grains (red + white)	120	96.1cm IT1516 D	
150				@160 trace shell hash	150	121.3cm IT1516 E	
180				@180 rounded gravel, grey, 1/2"	180	146.6cm IT1516 F	
210				CORE ENDS @ 180.1 cm	210	180.1 cm	

geo

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 2.73 (ft)

Adjusted Recovery Percentage: 68.3%

Notes:

Location ID: IT1519

Collection Date/Time: 6/13/24 0935

Core Logged By: James Neeson

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
0-83.2	0	95	5	0-83.2 cm Porey-grained Sand (SP) LOOSE, WET, GRAYISH BROWN, FINE-GRANULAR SAND, THICK SILT, NO GREEN, NO WDR	0-30.7	IT1519A	
0-30.7	0	75	25	0-30.7 cm BARK FRAGMENTS, TWIGS, WOOD DEBRIS FIBERS	30.7-51.2	IT1519B	
0-32				0-32 cm GRADES TO MOIST	51.2-66	IT1519C	
0-38-64				0-38-64 cm SAND w/ SILT (SP-SM)	66-83.2		
0-42				0-42 cm TWIG/BARK (11 cm)			
0-57				0-57 cm ANTHROPOGENIC DEBRIS			
0-62				0-62 cm WOOD DEBRIS (BARK)			
0-66				0-66 cm WOOD DEBRIS (BARK)			
0-83.2				0-83.2 cm END OF BORING			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 6.50 (ft)

Processing Recovery Depth: 6.88 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1520

Collection Date/Time: 5/15/24 1322

Core Logged By: A. White

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		10	90	0-209.7 cm SILT (ML) Dark grey, wet to moist, soft, non plastic @ 12 shell hash @ 27, 41 organic debris (roots) @ 57 woody debris @ 72 stick, 2" @ 107 woody debris @ 122, 144 organic debris (roots) @ 149, 170 woody debris @ 192 organic debris CORE ENDS @ 209.7 cm	30	19.8 MLLW SC1520A	
60					60	20.0 MLLW 30.5 cm SC1520B	
90					90	22.0 MLLW 91.5 cm SC1520C	
120					120	71.0 MLLW 152.5 cm	
150					150		
180					180		
210					210		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.5 (ft)

Processing Recovery Depth: 2.99 (ft)

Adjusted Recovery Percentage: 85.5%

Notes:

Location ID: SC1521

Collection Date/Time: 5/15/24 1407

Core Logged By: A. White

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	0-90cm SILT (ML) Dark grey, wet, soft, non plastic @ 8 organic debris @ 29-39 sand lense, medium to coarse grains, dark grey @ 40 rock, 1.5" @ 51 gravel, < 0.5" @ 59, 66 clay clasts, light grey @ 69 organic debris CORE ENDS @ 90.0 cm	30	SC1521	
60					60	51.3cm	
90					90		
120					120		
150					150		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 2.46 (ft)

Adjusted Recovery Percentage: 61.51

Notes:

Location ID: IT1522

Collection Date/Time: 01/24/04 1512

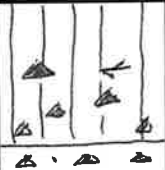
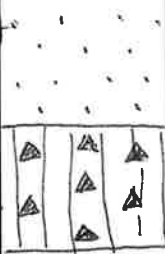
Core Logged By: A. White

Attempt #: 60

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	0-10 cm SILT (ML), very soft, moist, olive grey, non plastic @ 4-12 Abundant woody debris @ 5 stick, 2.5"	0	IT1522A	
10	0	79.5	20.5	10-75.0 cm Poorly Graded SAND (SP), loose, moist, dark grey, medium grained, trace mica grains @ 22-30 silt lense, light grey with abundant woody debris @ 24 Wood fragment, 2" @ 31 faint to very faint petroleum-like odor to bottom of core @ 32 Paint chip, blue-grey, 1/2"	10	27.7cm	
20					20	IT1522B	
30					30	46.2cm	
40					40	IT1522C	
50					50		
60					60		
70					70		
80				CORE ENDS @ 75.0 cm	75.0cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.80 (ft)

Processing Recovery Depth: 7.89 (ft)

Adjusted Recovery Percentage: 73.1

Notes:

Location ID: IT 1524

Collection Date/Time: 5/4/24 0800

Core Logged By: N. Bacher / A. White

Attempt #: 2

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	5	95		0-98cm: SILT (ML): grayish black, wet, v soft, non-plastic, sand is fin-med. @ 9: 1" angular gravel @ 15: 3" wood splinter. @ 54-56, 60-63 76-78: organic debris (twigs, leaves)	30	IT1524 A	
60					60	32.9cm IT1524 B	
90					90	54.8cm IT1524 C	
120					120	76.7cm IT1524 D	
150					150	98.0cm IT1524 E	
180					180	119.9cm IT1524 F	
210					210	141.8cm IT1524 G	
240					240	163.7cm IT1524 H	
270					270	185.6cm IT1524 I	
						207.5cm IT1524 J	
						240.5cm	
				END OF CORE @ 240.5cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.60 (ft)

Processing Recovery Depth: 5.10 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1525

Collection Date/Time: 5/14/24 0901

Core Logged By: A. White

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		5	95	0-67 cm - Dark grey SILT (ML), wet, v. soft, non plastic @ 36-38 organic debris (twigs, roots) @ 46, 64 shell fragments @ 64-66 Peat clast: Grey-brown, hard, slight oxidation mottling	30	SC1525	
60		15	85	67-156 cm - SILT with sand (ML), Dark grey moist, soft, non plastic @ 72 metal fragment, angular, 1" across @ 79-87 medium to coarse sand ^{lense} rock @ 98, 110-112, 124, organic debris (twigs, roots) 138 @ 110 slight iridescent sheen, slight hydrocarbon-like odor END OF CORE @ 156 cm	60	60cm	
90					90		
120					120		
150					150		
180							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.50 (ft)

Processing Recovery Depth: 6.62 (ft)

Adjusted Recovery Percentage: 88.3%

Notes:

Location ID: IT152

Collection Date/Time: 7/10/24 0759

Core Logged By: AB

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
				0-17.5cm v. soft, wet, blackish-gray Silt Silt w/sand, no sheen, no odor (ML) light H₂S odor @ 24_{cm} twig @ 25cm charcoal @ 21cm Roots Sand lens @ 74-79cm @ 75, 121, 135 twig 175-201.8cm loose, wet, blackish-gray silty sand (SP) no sheen, no odor EOP 201.8			
					30	IT1527A	
					39.7cm		
					60	IT1527B	
					66.2cm		
					90	IT1527C	
					92.7cm		
					120	IT1527D	
					119.2cm		
					150	IT1527E	
					145.7cm		
						IT1527F	
					180	175.0cm	
						IT1527G	
					210	201.8cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 12.54 (ft)

Adjusted Recovery Percentage: 96.5

Notes:

Location ID: IT 1528

Collection Date/Time: 7/10/24 0857

Core Logged By: AB

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
				0-359 cm V. Soft, wet, blackish-gray, SILT w/sand, no sheen, HAS odor		IT1528A	
				Roots @ 34, 59.81, 130, 279, 341 cm	30	43.4 cm	
				Dimensional lumber @ 82 cm	60	IT1528B	
				Shell @ 264 cm		72.4 cm	
				Stick/twig 125, 243 cm	90	IT1528C	
				Sheen & bore @ 267		101.4 cm	
					120	IT1528D	
						130.4 cm	
					150	IT1528E	
						159.4 cm	
					180	IT1528F	
						188.4 cm	
					210	IT1528G	
						217.4 cm	
					240	IT1528H	
						246.4 cm	
					270	IT1528I	**
						275.4	
					300	IT1528J	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 12.54 (ft)

Adjusted Recovery Percentage: 96.5

Notes:

Location ID: IT1528

Collection Date/Time: 7/10/24 0857

Core Logged By: AB

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
					304.4cm	IT1528R	
					333.4cm	IT1528L	
				359-382.2cm - loose wet, blackish gray, poorly graded sand, no green, no color	359.0cm	IT1528M	geo
				EoB	382.2cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.70 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

Collection Date/Time:

Core Logged By: A. White

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	0-356.6: SILT (ML), Dark grey, soft, moist, non-plastic		SC1529A	
60				@ 46 clay lense, grey			
90				@ 74 woody debris	60.0cm	SC1529B	
120				@ 88-91 sand lense, medium to coarse grains, multicolored grains (red + white)	90.0cm	SC1529C	
150				@ 111 organic debris (twigs)	120.0cm	SC1529D	
180				@ 120-180 slight H ₂ S odor	150.0cm	SC1529E	
210				@ 125-127 sand lense, medium grained, multicolored grains (red + white)	SC1529F		
240				@ 136 wood fibers	180.0cm	SC1529G	
270				@ 158 shell fragment	210.0cm	SC1529H	
300				@ 158, 168 organic fibers	240.0cm	SC1529I	
				@ 162-163 sand pockets, grey, fine grained	270.0cm		
				@ 201 reed			
				@ 209 wood debris			
				@ 218-225 organic debris lense, dark brown			
				@ 226 wood fragments, 2" across			
				@ 240 organic debris			
				@ 292-356.6 clay interbedded lenses, grey, 1/2" thickness			
				@ 298 shell fragment			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.50 (ft)

Processing Recovery Depth: 11.70 (ft)

Adjusted Recovery Percentage: 100

Notes:

Location ID: SC1529

Collection Date/Time: 5/14/24 0952

Core Logged By: A. White

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
330				@ 318, 343 organic debris	330.0 cm	SC1529J	
340				END OF CORE @ 356.6 cm	356.6 cm	SC1529K	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.65 (ft)

Adjusted Recovery Percentage: 82.5%

Notes:

Location ID: SC1530

Collection Date/Time: 6/24/24 1137

Core Logged By: A. White

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 40		<5	>95	0-50.3 cm: SILT (ML), soft, moist, dark grey to black, non plastic @ 9, 13 sticks, 1.5" and 2" respectively @ 19, 21, 34 woody debris, bark @ 28 sand clast, medium grained CORE ENDS @ 50.3 cm	30 40	SC1530 49.5cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.60 (ft)

Processing Recovery Depth: 8.05 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC1531

Collection Date/Time: 6/24/24 1004

Core Logged By: A. White

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	10	90	0-245.4 cm sandy SILT (ML), soft, moist, dark grey, non plastic, no sheen, no odor	0		
30				@19 Pebble, < 1/2"	30	SC1531A	
60				@28 worm, 1/2"	60		
90				@32-38 Light grey interbedded silt lenses	90	SC1531B	
120				@36 shell fragments	120		
150				@45 roots	150	SC1531C	
180				@49 Light grey silt clast	180		
210				@52-54 Sand lense, medium to coarse	210	SC1531D	
240				@64-70 Light grey interbedded silt lenses	240		
270				@78 roots	270	SC1531E	
300				@85, 96, 107 woody debris	300		
				@109 stick, 2"		SC1531F	
				@128 shell fragments			
				@136-141 coarse sand lense		SC1531G	
				@144 woody debris			
				@157 pebble, 1/2"			
				@164-168 sand lense, medium to coarse			
				@172, 177 sticks, 1" and 3" respectively			
				@186 roots			
				@193-195 sand lense, medium to coarse			
				@199-205 Light grey interbedded silt lenses			
				@212 Light grey silt clast			
				@216 pebble, 1/2"			
				CORE ENDS @ 245.4 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 15.10 (ft)

Adjusted Recovery Percentage: 88.8

Notes:

Location ID: SC1532

Collection Date/Time: 7/19/24 1153

Core Logged By: ATP

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
				0-255cm - V. Soft wet, Blackish-gray Silt (ML) w/ trace Sand, no sheen, no odor	30	SC1532A	
				@ 55cm roots	60	53.3cm SC1532B	
				@ 180, 210 - shells	90	79.9cm SC1532C	
				@ 64cm roots	120	106.5cm SC1532D	
					150	132.1cm SC1532E	
					180	159.7cm SC1532F	
					210	186.3cm SC1532G	
					240	212.9cm SC1532H	
					270	239.5cm SC1532I	
				255 - 460.2cm - loose med. dense, wet, Blackish-gray Sand (SP) w/ trace silt	300	255.0cm SC1532J	
				no sheen, no odor		281.6cm SC1532K	
				@ 296 Wad debris / dimensional lumber			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 17.00 (ft)

Processing Recovery Depth: 15.10 (ft)

Adjusted Recovery Percentage: 88.8

Notes:

Location ID: SC1532

Collection Date/Time: 7/9/24 1153

Core Logged By: ATP

Attempt #: 2

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
						SC1532K	
					308.2cm		
					SC1532L		
					334.8cm		
					SC1532M		
					366.4cm		
					SC1532N		
					388.0cm		
					SC1532O		
					414.6cm		
					SC1532P		
					441.2cm		
					SC1532Q		
					460.2cm		

@444 twig

COB

460.2
cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.80 (ft)

Processing Recovery Depth: 4.40 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

SC1533

Collection Date/Time:

5/14/24 1516

Core Logged By: A. White

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		10	90	0-134.1 cm: SILT (ML) Dark grey, moist soft, non plastic @ 5 wood piece 1.5" @ 7 organic debris (roots) @ 15 shell fragments @ 36 woody debris @ 54 stick 2" @ 60, woody debris (roots, bark) 75 @ 93-108 faint odor of H ₂ S @ 101 shell hash @ 120 organic debris CORE ENDS AT 134.1 cm	30	SC1533	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 13.76 (ft)

Adjusted Recovery Percentage: 98.3

Notes:

Location ID:

SC1534



ANCHOR
QEA

Collection Date/Time:

5/14/24 1117

Core Logged By: A. White

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		15	85	0-250cm: SILT with sand (ML), dark grey, moist, soft, non plastic	30	SC1534A	
60				@63, 84 sand clasts, fine grained	60	44.9cm SC1534B	
90				@110 wood debris	90		
120				@127, 153 organic debris	120	104.9cm SC1534C	
150				@140, 156, 172 clay clast, grey	150	134.4cm SC1534D	
180				@174 stick, 2.5" long	180	163.9cm SC1534E	
210				@219 sand clast, fine grained	210	193.4cm SC1534F	
240					240	222.9cm SC1534G	
270	90	10		250-419.4cm silty SAND (SM), dark grey, moist, medium dense, trace mica grains	270	250.0cm SC1534H	
300				@262 organic debris	300	279.5cm SC1534I	

geo

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 13.76 (ft)

Adjusted Recovery Percentage: 98.3

Notes:

Location ID: SC1534

Collection Date/Time: 5/14/24 1117

Core Logged By: A. White

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
330				@330 organic debris	330	309.0cm SC1534J	
360				@360 organic debris	360	338.5cm SC1534K	
390					390	368.0cm SC1534L	
420					420	397.5cm SC1534M	
450				CORE ENDS AT 419.4 cm	450	419.4cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 10.85 (ft)

Adjusted Recovery Percentage: 83.5%

Notes:

Location ID: SC1535

Collection Date/Time: 5/15/24 1001

Core Logged By: A White

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
0-263cm	15	85	85	0-263cm Sandy SILT (SM) Dark grey, wet to moist, very soft to soft non-plastic @5,30 organic debris @98 woody debris @124 stick, 2.5" @127 clay clast, grey @142 organic debris @152-189 clay clasts, grey @164 organic debris @250-sand ^{dense} fine _{grained} , dark grey, coarse	0-19.5ft mud	SC1535A	
					19.5ft MLLW	63.6cm SC1535B	
					88.7cm	SC1535C	
					113.8cm	SC1535D	
					138.7cm	SC1535E	
					164.0cm	SC1535F	
					189.1cm	SC1535G	
					214.2cm	SC1535H	
					239.3cm	SC1535I	
					263.0cm	SC1535J	
					288.1cm		
263-330.7cm	85	15	15	263-330.7cm silty SAND (SM), Dark grey, moist, medium dense, fine grained @264 woody debris @273 stick, 2"			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 10.85 (ft)

Adjusted Recovery Percentage: 83.5

Notes:

Location ID: SC1535

Collection Date/Time: 5/15/24 1001

Core Logged By: A. White

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
330				@ 309 clay clast, black trace @ 313 shell fragments, woody debris	330	SC1535K	
360				CORE ENDED @ 330.7 cm	360	313.2cm SC1535L 330.7cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.36 (ft)

Adjusted Recovery Percentage: 94.2

Notes:

Location ID: SC1536

Collection Date/Time: 5/17/24 1112

Core Logged By: A. White

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	0-315.8cm SILT (ML) Dark grey to black wet to moist, soft, non plastic	30	SC1536A	
60				@35 Organic debris (plant fibers)	60	56.5cm SC1536B	
90				@66 wood piece, 1"	90	FO	
120				@90-92 organic debris lense (leaves, roots)	120	84.8cm SC1536C	
150				@100 stick, 3.5"	150	113.1cm SC1536D	
180				@106 clay clast, olive grey	180	141.4cm SC1536E	
210				@126, 148 Organic debris (roots)	210	169.7cm SC1536F	
240				@150-158 clay lense, soft, olive grey	240	198.0cm SC1536G	
270				@166 wood piece, 1"	270	226.3cm SC1536H	
300				@172 Organic debris		254.6cm SC1536I	
				@174-181 clay lense, soft, olive grey		282.9cm	
				@181 Organic debris			
				@190-196 clay lense, soft, olive grey			
				@232-241 clay lense, soft, olive grey			
				@250 Organic debris (roots)			
				@271- SILT grades to SILT with sand (ML) 315.8			
				@291 silt clast, soft, dark grey			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.36 (ft)

Adjusted Recovery Percentage: 94.2

Notes:

Location ID: SC1536

Collection Date/Time: 5/17/24 1112

Core Logged By: A. White

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
330				CORE ENDS @ 315.8 cm	330	SC1536J 315.8cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 12.00 (ft)

Processing Recovery Depth: 10.60 (ft)

Adjusted Recovery Percentage: 88.3%

Notes:

Location ID: SC1538

Collection Date/Time: 5/17/24 1014

Core Logged By: A. White

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	0-323.1cm SILT (ML), Dark grey to black, soft, wet to moist, non plastic @25 organic debris (roots)	30	SC1538A	
60				@61 stick, 3"	60	53.0cm SC1538B	
90				@63-65 Discontinuous interbedded clay lenses, olive grey	90	79.5cm SC1538C	
120				@116 stick, 2.5"	120	106.0cm SC1538D	
150				@120 organic debris (roots)	150	132.5cm SC1538E	
180				@139 organic debris (plant fibers)	180	159.0cm SC1538F	
210				@164 wood, 1"	210	185.5cm SC1538G	
240				@174, 183 organic debris (roots)	240	212.0cm SC1538H	
270				@191-196 Sand lense, dark grey, medium grained	270	238.5cm SC1538I	
300				@204 organic debris (roots)		265.0cm SC1538J	
				@253-258 sand lense, dark grey, medium grained		291.5cm	
				@267-275 Sand lense, dark grey, medium grained			
				@280-285, 290-293 sand lense, dark grey, medium grained			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1538

Job No. 210075.01.03

Collection Date/Time: 5/17/24 1014

No. of Sections: 1

Core Logged By: A. White

Penetration Depth: 12.00

(ft)

Attempt #: 1

Processing Recovery Depth: 10.60

(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
330				@301 wood piece, 2.5"		SC1538K	▲
360				@306 organic debris		323.1 cm	
				CORE ENDS @ 323.1 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 9.10 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1539

Collection Date/Time: 5/16/24 1247

Core Logged By: A. White

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	0-188 cm SILT (ML) Dark grey to black, moist, soft, non plastic @8 Bark piece, 1"	30	IT1539A	
60				@63 worm	60	45.0cm IT1539B	
90				@77 Oxidation mottled clay clast, 2"	90	75.0cm IT1539C	
120				@88 organic debris (roots)	120	105.0cm IT1539D	
150				@122 Wood piece, 2"	150	135.0cm IT1539E	
180				@158 clay clast, grey @159 shell fragment	180	165.0cm IT1539F	
210		85	15	188-277.4 poorly graded SAND with silt Dark grey, moist, loose to medium dense medium to fine grained	210	188.0cm IT1539G	
240				@190-197 Medium to coarse grained sand dense, multicolored grains (red + white)	240	218.0cm IT1539H	
270				@205 charcoal-like rock fragment, 3/4"	270	248.0cm IT1539I	
300				@235 shell fragment		277.4cm	
				CORE ENDS @ 277.4 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.40 (ft)

Processing Recovery Depth: 4.62 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1540

Collection Date/Time: 5/31/24 1229

Core Logged By: PP

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
0-89cm	55	15	30	SILTY GRAVEL WITH SAND (GM) loose, wet, grayish black, fine to medium grained sand, silt, fine to medium gravel, no sheen, faint petroleum-like odor @ 10cm fiber	0-89cm	IT1540A	
89-140.8cm	36	15	60	grazes to gravelly silt with sand, medium to coarse gravel asphalt-like cobble, 6cm layered black and white material, textured surface, breaks easily, throughout wood piece, 10cm	89-140.8cm	IT1540B	
140.8cm				gray granular silt lens	140.8cm	IT1540C	
140.8cm				SANDY SILT (ML) medium stiff, moist, fine sand, silt, olive gray, no sheen, faint petroleum-like odor wood piece	140.8cm	IT1540D	
140.8cm				END OF BORING @ 140.8cm	140.8cm	IT1540E	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.00 (ft)

Processing Recovery Depth: 14.75 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1541

Collection Date/Time: 5/15/24 1105

Core Logged By: A. White

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	0-449.6 cm: SILT (ML), Dark grey, wet to moist, soft, non plastic @2 clam, 2" @9 organic debris @56 shell fragments @72 clay clast, grey @82 woody debris @99 woody debris @107 clay clast, grey @140-149 sand lense, medium grained, dark grey @159,170 organic debris @194-197 woody lense @230 organic debris @235 sand clast, fine grained, light grey @273-282 Sand lense, fine grained, light grey	30	-19.0 ft MLW SC1541A	
60					60	30.5 cm -200 ft MLW SC1541B	
90					90	91.5 cm -22.0 ft MLW SC1541C/D	
120					120	121.5 cm SC1541D	
150					150	151.5 cm SC1541E	
180					180	181.5 cm SC1541F	
210					210	211.5 cm SC1541G	
240					240	241.5 cm SC1541H	
270					270	271.5 cm SC1541I	
300					300	301.5 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 14.0 (ft)

Processing Recovery Depth: 14.75 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1541

Collection Date/Time: 5/15/24 1105

Core Logged By: A. White

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
330				@ 324 100 organic debris	336	SC1541J	
360				@ 341-369 sand lense, fine grained, grey	360	SC1541K	
390				@ 360 bark shard, 2"	366.5cm	SC1541L	
420				@ 368, 375 wood piece, 1.5"	391.5cm	SC1541M	
450				@ 379, 396, 409 organic debris	421.5cm	SC1541N	
480				CORE ENDS @ 449.6 cm	449.6cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 14.03 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1542

Collection Date/Time: 5/15/24 1148

Core Logged By: A. White

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	90	0-427.6 cm: SILT (ML), Dark grey, soft, wet to moist, non plastic		-19.4 ft	
30				@52 organic debris (roots)	30	SC1542A	
60				@68 woody debris	60		
90				@84 organic debris	90	79.3cm SC1542B	
120				@119 wood piece, 1.5"	120	109.3cm SC1542C	
150				@145 clay clast, grey	150	139.3cm SC1542D	
180				@161, 183 organic debris	180	169.3cm SC1542E	
210				@188-238 clay clasts, grey	210	199.3cm SC1542F	
240				@210, 247 organic debris	240	229.3cm SC1542G	
270				@279 woody debris	270	259.3cm SC1542H	
300					300	289.3cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 13.00 (ft)

Processing Recovery Depth: 14.03 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1542

Collection Date/Time: 5/15/24 1148

Core Logged By: A. White

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
320				@310 organic debris	320	SC1542 I	
				@321-323 woody debris lense	330	319.3cm SC1542J	
360					340	349.3cm SC1542K	
380				@370, 387 organic debris	390	379.3cm SC1542L	
420				@407 organic debris	420	409.3cm SC1542M	
480				CORE ENDS @ 427.6 cm	450	427.6cm	
					480		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.90 (ft)

Processing Recovery Depth: 7.45 (ft)

Adjusted Recovery Percentage: 94.3%

Notes:

Location ID: IT1543

Collection Date/Time: 5/17/24 12/4

Core Logged By: A. White

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	0-227.1 cm SILT (ML), soft, moist, Dark grey to Black, non plastic @19,32 woody debris @10-60 slight hydrocarbon-like odor @44-50 woody debris, sticks to 3" @59 rock, ^{sub} rounded, 1" @63 clay clast, olive grey @66-69 woody lense @72 clay clast, olive grey @82,89,112 shell fragments @90 wood piece, 1/2" @118-126 sand lense, dark grey, fine grained @151-167 sand lense, dark grey, fine grained @177-191 Discontinuous interbedded sand lenses CORE ENDS @ 227.1 cm	30	IT1543A	
60					60	42.4cm IT1543B	
90					90	70.7cm IT1543C	
120					120	99.0cm IT1543D	
150					150	127.3cm IT1543E	
180					180	155.6cm IT1543F	
210					210	183.9cm IT1543G	
240					240	227.1cm	
270					270		
300					300		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.15 (ft)

Adjusted Recovery Percentage: 92.3%

Notes:

Location ID: SC1544

Collection Date/Time: 5/16/24 1100

Core Logged By: A. White

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	0-309.4cm: SILT (ML), Dark grey to black, moist, soft, non plastic @29-81 Discontinuous interbedded clay lenses, olive grey	30	SC1544A	
60				@67.80 organic debris	60	55.4cm SC1544B	
90				@85 Hydrocarbon-like odor, trace iridescent sheen	90	83.1cm SC1544C	* *
120				@121 organic debris	120	110.8cm SC1544D	
150				@142 woody debris, 1/2" splinters	150	138.5cm SC1544E	
180				@180, 197 organic debris	180	166.2cm SC1544F	
210				@205-266 Interbedded sand lenses, 1.5" thick, medium to coarse grained, dark grey	210	193.9cm SC1544G	
240				@234 wood piece, 1"	240	FD 221.6cm SC1544H	↑
270				@290 organic debris	270	249.3cm SC1544I	
300				@291-309.4 interbedded sand lenses	300	277.0cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 10.15 (ft)

Adjusted Recovery Percentage: 92.3%

Notes:

Location ID: SC1544

Collection Date/Time: 5/16/24 1100

Core Logged By: A. White

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
330				@291-309.4 (cont.) ... 1.5" thick, medium to coarse grained, dark grey CORE ENDS @ 309.4 cm	330	SC1544J 309.4 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 9.45 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT 1545

Collection Date/Time: 5/16/24 1322

Core Logged By: A. White

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		5	95	0-288.0cm SILT (ML) Dark grey to black, moist, soft, nonplastic	30	IT1545A	
60				@48 shell fragment	45.0cm		
				@54 woody debris	IT1545B		
				@65 stick, 2.5"	75.0cm		
90				@87 organic debris (roots)	IT1545C		
				@95 shell fragments	105.0cm		
120					IT1545D		
				@142 woody debris	135.0cm		
150				@150 clay clast, olive grey	IT1545E		
					165.0cm		
180					IT1545F		
				@210 woody debris	195.0cm		
210					IT1545G		
				@232-248 Discontinuous interbedded clay lenses, olive grey	225.0cm		
240					IT1545H		
					255.0cm		
270					IT1545I		
				CORE ENDS @ 288.0 cm	288.0cm		
300							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.50 (ft)

Processing Recovery Depth: 6.96 (ft)

Adjusted Recovery Percentage: 92.8%

Notes:

Location ID: IT1546

Collection Date/Time: 5/31/21 0915

Core Logged By: RP

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		15	85	0-212.1cm SILT WITH SAND Soft, wet, blackish gray, fine to medium grained sand, silt, wood pieces and fibers throughout, no sheen, faint sulfur-like odor @10cm worm	30	IT1546A	
60				@64cm charred wood fragments @70cm grades to petroleum-like odor @71cm grades to moist	60	41.8cm IT1546B	
90		5	95	@96cm grades to medium stiff and trace sand @98cm grades to no odor	90	69.6cm IT1546C	
120					120	97.4cm IT1546D	
150					150	125.2cm IT1546E	
180				@179-182cm soft gray silt lens	180	153.0cm IT1546F	
210				— END OF BORING @ 212.1cm —	210	180.8cm IT1546G	
240					240	212.1cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.90 (ft)

Processing Recovery Depth: 7.75 (ft)

Adjusted Recovery Percentage: 98.1%

Notes:

Location ID: SC-IT154

Collection Date/Time: 5/31/24 0950

Core Logged By: RP

Attempt #: 2

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
0-40		85	85	0-4cm SILTY SAND (SM) very loose, wet, blackish gray, fine to medium grained sand, no sheen, no odor	0-40	IT1547A	
40-60		5	95	4-230.2cm SILT with SAND soft, wet, blackish gray, fine to medium grained sand, silt, no sheen, no odor	44.1cm	IT1547B	
60-80				@6cm tan porous rock, 6cm, light weight	73.5cm	IT1547C	
80-100				@16cm grades to moist	102.9cm	IT1547D	
100-120				@12cm shell fragment	132.3cm	IT1547E	
120-140				@22cm wood piece and fibers	161.7cm	IT1547F	
140-160				@43cm grades to trace sand	191.1cm	IT1547G	
160-180				@74cm wood pieces	220.5cm	IT1547H	
180-200				@81cm fiber	236.2cm		
200-220				@85cm grades to soft to medium dense			
220-240				@96-107cm soft gray silt lense			
				@100cm coarse gravel piece, asphalt with aggregate-like, 6cm			
				@158cm bar			
				@182cm grades to medium stiff			
				@188cm-189cm sand lense			
				@194cm fibers			
				@199cm grades to stiff			
				@224cm coarse gravel piece, reddish tan, porous, light weight.			
				—END OF BORING @ 236.2cm—			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.30 (ft)

Processing Recovery Depth: 4.53 (ft)

Adjusted Recovery Percentage: 75.9

Notes:

Location ID: SC1549

Collection Date/Time: 5/17/24 0809

Core Logged By: A. White

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	0-89 cm SILT (ML) Dark grey to black, wet to moist, soft, non plastic @50 clay clast, olive grey @64 wood piece, 1"	30	SC1549A	
60					60	45.3 cm SC1549B	
90					90	68.0 cm SC1549C	
120		15	85	89-141 cm Sandy SILT (ML) Dark grey to black, moist, soft, non-plastic @108 Organic debris, (roots) @124 Woody debris and twig, 1" @134 Organic debris (roots)	120	90.7 cm SC1549D	
150					150	113.4 cm SC1549E	
180					180	141.0 cm SC1549F	
210		95	5	141-260 cm Poorly graded SAND (SP), Dark grey, moist, medium dense, medium grained @151 Woody debris, <1" pieces @156 Organic debris (reed, <1") @165 Woody debris, stick 1" @172-185 Silty clay lense with abundant woody debris, olive grey sediment, wood pieces from 1"-3", cedar-like wood @196 wood piece, 2", cedar-like @210 Silt clast @237 wood debris, stick 1" @238, 245 Clay clast, olive grey with black mottling	210	163.7 cm SC1549G	
240					240	186.4 cm SC1549H	
270					270	209.1 cm SC1549I	
300					300	231.8 cm SC1549J	
				CORE ENDS @ 260 cm		260.0 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.80 (ft)

Processing Recovery Depth: 6.48 (ft)

Adjusted Recovery Percentage: 83.1

Notes:

Location ID: IT1550

Collection Date/Time: 5/17/24 0940

Core Logged By: A. White

Attempt #: 3

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		>95	<5	0-116cm: Poorly graded SAND (SP), Dark grey, moist, medium dense, fine grained @26 woody debris @30 silt clast, dark dark grey @36 organic debris, (seed, <1") @49-71 interbedded silt lenses, soft, dark grey @51 stick, 2.5" @65 woody debris	30	IT1550A	
60					60	37.4cm IT1550B	
90					90	62.3cm IT1550C	
120					120	87.2cm IT1550D	
150		5	95	116-197.5cm SILT (ML) Dark grey to black moist, soft, non plastic @143 wood piece, 2" @154, 161 sand clast, dark grey, fine grained @160, 179 organic debris (roots) @167 woody debris @186 sand clast, dark grey, fine grained CORE ENDS @ 197.5cm	150	116.0cm IT1550E	
180					180	140.9cm IT1550F	
210					210	165.8cm IT1550G	
240					240	190.7cm IT1550H	
270					270	197.5	
300					300		

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Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.30 (ft)

Processing Recovery Depth: 4.00 (ft)

Adjusted Recovery Percentage: 93.6%

Notes:

Location ID: IT1551

Collection Date/Time: 7/25/24 1007

Core Logged By: RP

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
50	5	40	55	0-121.9cm SANDY SILT (ML) very soft to soft, moist, dark brownish gray, trace fine to medium gravel, fine sand, silt @17cm gravel pieces	50	IT1551A	
60	20	40	40	@42cm grades to increased gravel	60	41.9cm	
	20	65	15	@50cm Dr. bk-1 ls fragment		IT1551B	
				@50cm grades to decreased fine content		69.8cm	
				@62cm sand pocket		IT1551C	
				@59cm clear glass fragment		97.7cm	
				@58cm tan ceramic-like fragment		IT1551D	
				@64cm grades to medium dense		121.9cm	
				@76cm brick-like flake			
				@82cm wood fragment			
	10	85	5	@86cm yellow material piece			
				@91cm wood piece			
				@97cm gravel sized porous rock			
				@95cm grades to coarser sand, white flecks, and trace fine content			
				@109cm f.bur			
				END OF BORING @ 121.9cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 6.50 (ft)

Processing Recovery Depth: 9.22 (ft)

Adjusted Recovery Percentage: 64.9%

Notes:

Location ID: IT1552

Collection Date/Time: 3/25/04 0759N

Core Logged By: PR

Attempt #: 13

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
0-12cm	35	65		GRAVELLY SAND (SP) loose to medium dense, moist, light brown, medium to coarse GRAVEL, no sheen, no odor, porous gravel pieces throughout	0-12cm	IT1552A	
12-18cm	75	15	10	@12cm Ceramic-like fragments (white) 18-60cm GRAVEL WITH SILT AND SAND medium dense, moist, blackish gray, coarse sand, trace fine sand, silt, fine and coarse angular GRAVEL, no sheen, no odor	12-18cm	29.2cm IT1552B	
18-60cm				@46cm grades dark gray	18-60cm	48.7cm IT1552C	
60-66cm		100		60-66cm grades to gray, higher sand content	60-66cm	66.0cm IT1552D	
66-93.0cm				66-93.0 SAND (SP) loose, moist, brown with red flecks, fine to medium SAND, no sheen, no odor	66-93.0cm	93.0cm Sample lost	
93.0cm				@52cm 1.5cm brick fragment	93.0cm		
93.0cm				@77cm silt lens	93.0cm		
93.0cm				@13cm grades to very loose, coarser grained	93.0cm		
93.0cm				END OF BORING @ 93.0cm SAMPLE	93.0cm		
128.4cm				END OF BORING @ 128.4cm	128.4cm		
128.7cm					128.7cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: IT1553

Job No. 210075.01.03

Collection Date/Time: 7/26/24 @ 1206

No. of Sections: 1

Core Logged By: PP

Penetration Depth: 4.90 (ft)

Attempt #: 4

Processing Recovery Depth: 4.60 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 93.9%

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
0-42cm	10	90		0-42cm SAND (SW) WITH GRAVEL loose, moist, brown, fine to coarse gravel, fine to coarse sand, no sheen, no odor @1cm glass shard @5cm brick-like chunk, ceramic-like material fragment @11cm brick-like fragment @25cm grades to loose to medium dense, lighter color 42-75cm GRAVEL WITH SILT AND SAND loose, wet, brown, fine to coarse sand, silt, fine charcoal-like black, white, and red fine gravel, no sheen, no odor @85cm grades to black @75cm porous cobble 75-140.2cm SAND (SP) loose to medium dense, moist, gray, trace silt, fine sand, no sheen, no odor @100cm reddish coloring, grades to	0-42.3cm	IT1553A	
					42.3cm	IT1553B	
					75.0cm	IT1553C	
					140.2cm	IT1553D	
				END OF BORING @ 140.2 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.70 (ft)

Processing Recovery Depth: 5.63 (ft)

Adjusted Recovery Percentage: 98.8%

Notes:

Location ID: SC1554

Collection Date/Time: 7/25/24 1518

Core Logged By: RP

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
0-125.0cm	5	95	95	0-125.0cm SILT WITH SAND (ML) Soft, wet, blackish gray, fine sand, SILT, no sheen, moderate sulfur-like odor @0cm concrete-like gravel piece @38cm-171.6cm fibers throughout @53cm sand pocket @103cm wood piece @116cm gradus to following layer 125-171.6cm fine SAND (SP) loose to medium dense, moist, blackish gray, trace silt, fine to medium SAND, no sheen, no odor @131cm wood piece	0-30cm	SC1554A	
30-60cm					30-60cm	SC1554B	
60-90cm					60-90cm	SC1554C	
90-120cm		95	5		90-120cm	SC1554D	
120-150cm					120-150cm	SC1554E	
150-180cm				END OF BORING @171.6cm	150-180cm		
180-210cm					180-210cm		

geo

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1555

Job No. 210075.01.03

Collection Date/Time: 7/26/24 0916

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 2.90 (ft)

Attempt #: 1

Processing Recovery Depth: 2.58 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 89.0%

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
30		5	95	0-78.6cm SILT (ML) stiff, moist, blackish gray, trace medium sand, SILT, no sheen, no odor, sand pockets throughout @0-7cm silty sand with gravel, wet, loose @21cm amber glass fragment @22cm wood piece @48cm brick-like fragment (under 1cm)	30	1T1555A	
60				END OF BORING @ 78.6cm	60	1T1555B	
90					90	78.6cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.50 (ft)

Processing Recovery Depth: 4.38 (ft)

Adjusted Recovery Percentage: 97.3%

Notes:

Location ID: IT1556

Collection Date/Time: 7/25/24 1206

Core Logged By: RP

Attempt #: 3

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
0-88cm	20	80		SILT WITH SAND very soft, wet, blackish gray, fine sand, SILT, no sheen, no odor @25cm shell fragment @29cm shell fragment @38cm wood piece @42cm gravel piece @48cm grades to very soft to soft @70cm cobble with gravel piece and shell fragment @79cm grades to moist 88-133.5cm SAND(SW) dark brown, loose, moist, with white and red flecks, fine to coarse grained SAND, no sheen, no odor @105cm amber glass fragment	0-88cm	IT1556A	
					43.8cm	IT1556B	
					73.0cm	IT1556C	
					88.0cm	IT1556D	
					117.2cm	IT1556E	
					133.5cm		
				END OF BORING @ 133.5cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.00 (ft)

Processing Recovery Depth: 1.41 (ft)

Adjusted Recovery Percentage: 70.5%

Notes:

Location ID: IT1557

Collection Date/Time: 6/19/24 1436

Core Logged By: James Mayo

Attempt #: 2

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 9

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	0-43.0 cm Peary-Graded Sand (SP) Loose, moist, olive-brown, fine to medium graded sand, subrounded gravels, no silt, no odor	30	IT1557	
60	0	70	30	@ 0-11 cm Black fragments & subrounded gravels @ 18-31 cm Silty sand lens (SM) @ 43.0 cm end of boring	60	31.7cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: ~~10.00~~ 7.00 (ft)

Processing Recovery Depth: 6.15 (ft)

Adjusted Recovery Percentage: 87.9%

Notes:

SC1558

Location ID: SC1346 cc

Collection Date/Time: 7/12/24 @ 1448

Core Logged By: A+B

Attempt #: 162

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
				0-157.2 cm - V. Soft, wet, clayey silt no sheen, no odor Sticks, 36, 6 cm Gravel lens 10-20 cm Roots 132 Top ^{SR} 157.2 cm End of Boring 187.5 cm		-18.1 ft mull 30 SC1558A -20 ft mull 50.9 cm 60 X SR SC1558B -22 ft mull 104.5 cm 120 SC1558C -24 ft mull 157.2 cm 180 210	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.60 (ft)

Processing Recovery Depth: 10.45 (ft)

Adjusted Recovery Percentage: 90.1%

Notes:

Location ID: SC1559

Collection Date/Time: 5/23/24 1037

Core Logged By: James Melon

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	D-94 SILT (ML) VERY SOFT, WET, BLACKISH-GRAY, SILT, LOW PLASTICITY; TRACE FINE GRAINED SANDS, NO SHEEN; NO ODOR	30	SC1559A	
60				@55 cm ORGANIC FIBER	60	54.1cm SC1559B	
90				@87 cm GRADERS TO SOFT, MOIST @91 cm ORGANIC FIBER	90	81.1cm SC1559C	
120				@119 cm ORGANIC FIBER	120	108.1cm SC1559D	
150					135.1cm SC1559E		
180					162.1cm SC1559F		
210	1	95	4	194 - 318.5 cm POORLY-GRADED SAND (SP) MEDIUM DENSE, MOIST, OLIVE-GRAY, POORLY-GRADED SAND, FINE TO MEDIUM GRAINED, TRACE SILT, NO SHEEN, NO ODOR	210	194.0cm SC1559G	
240				@200 cm SUBROUND GRAPES	240	221.0cm SC1559H	
270				@209 cm CONCRETE AGGREGATE FRAGMENT (2 cm)	270	248.0cm SC1559I	
300				@226 cm CONCRETE AGGREGATE FRAGMENT (6 cm)	300	275.0cm SC1559J	
				@227 cm SLIGHT PETROLEUM-LIKE ODOR			
				@230 cm TAR PAPER FRAGMENT			
				@237 cm CONCRETE AGGREGATE FRAGMENT (5 cm)			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.60 (ft)

Processing Recovery Depth: 10.45 (ft)

Adjusted Recovery Percentage: 90.1%

Notes:

Location ID: SC1559

Collection Date/Time: 5/23/24 1037

Core Logged By: James Meron

Attempt #:

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
330	1	95	4	... continued poorly-sorted sand (SP) — end of Borehole @ 318.5 cm —	330	302.0 cm SC1559K 318.5 cm	

End
@
318.5
cm

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 5.40 (ft)

Processing Recovery Depth: 4.65 (ft)

Adjusted Recovery Percentage: 86.1%

Notes:

Location ID: IT1560

Collection Date/Time: 5/23/24 0920

Core Logged By: James Merow

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
0-87	35	65		0-87 cm Sandy silt (ml) very soft, wet, blackish-gray, sandy silt, low plasticity, fine-grained sand, no sheen, no odor @ 7 cm clam shell @ 10 cm stick (9 cm) @ 15 cm wood fragment (5 cm) @ 18 cm shell hash @ 23 cm wood fragment (6 cm) @ 59 cm stick (8 cm) @ 74 cm grades to soft, moist @ 79 cm organic fibers	0-30 30-60 60-90 90-120 120-150	IT1560A 38.7cm IT1560B 64.5cm IT1560C 87.0cm IT1560D 112.8cm IT1560E 146.7cm	
87-141.7	2	95	3	87-141.7 cm Poorly-sorted sand (SP) medium dense, moist, brown, poorly-sorted sand, fine to medium-grained sand, orange, yellow, & brown grains, trace silt, trace rounded gravels @ 105 cm small subrounded pebble @ 115 cm small black piece @ 116 cm grayish silt clast, slight petroleum-like odor @ 117 cm rock subrounded @ 125 cm subrounded gravel @ 132 cm subrounded gravel @ 134 cm gray clay pocket End of Boring @ 141.7 cm	150-180 180-210 210-240 240-270 270-300 300-330 330-360 360-390 390-420 420-450 450-480 480-510 510-540 540-570 570-600 600-630 630-660 660-690 690-720 720-750 750-780 780-810 810-840 840-870 870-900 900-930 930-960 960-990 990-1020 1020-1050 1050-1080 1080-1110 1110-1140 1140-1170		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 6.00 (ft)

Processing Recovery Depth: 4.47 (ft)

Adjusted Recovery Percentage: 74.5%

Notes:

Location ID: IT1562

Collection Date/Time: 5/17/24 1255

Core Logged By: A. White

Attempt #: 2

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		10	90	0-34cm SILT(ML) soft, wet to moist, dark brown, non plastic @7 Woody debris @17 stick, 2"	30	IT1562A	
60		95	<5	@20 sand clast, fine grained 34-136.2cm Poorly graded SAND (SP) Medium dense to dense, moist, dark brown, fine grained @57 Lightweight slag-like material, heavily oxidized @66 shell fragment @76 Organic debris (root) @114, 116 Gravel pieces (<1/2"), subrounded	60	33.5cm IT1562B	
90					90	55.9cm IT1562C	
120					120	78.3cm IT1562D	
150					150	100.7cm IT1562E	
				CORE ENDS @ 136.2 cm		136.2cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.10 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1563

Collection Date/Time: 5/16/24 1146

Core Logged By: A. White

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	0-338.3 cm SILT (ML), Dark grey to black, moist, soft, non plastic @11 wood piece, 2.5" @17, 29 reeds, 1" @22 Organic debris @33 Mussel, 2" @40 rock, rounded, 1" @64 wood piece, 2" @71 Trace shell hash @81-338 Moderate H ₂ S-like odor @114 organic debris (roots) @140 stick, 1" @144 Unidentified fibers, colorless @162 Organic debris @168 wood piece, 1/2" @184 Organic debris @196-233 trace shell hash @222 Bark piece, 1" @249-281 Abundant mussels, 1"-2" @286 wood debris	30	SC1563A	
60					60.0 cm	SC1563B	
90					90.0 cm	SC1563C	
120					120.0 cm	SC1563D	
150					150.0 cm	SC1563E	
180					180.0 cm	SC1563F	
210					210.0 cm	SC1563G	
240					240.0 cm	SC1563H	
270					270.0 cm	SC1563I	
300					300.0 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.00 (ft)

Processing Recovery Depth: 11.10 (ft)

Adjusted Recovery Percentage: 100.0%

Notes:

Location ID: SC15163

Collection Date/Time: 5/16/24 1140

Core Logged By: A. White

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
330				@305 Mussel, 2"	330	SC15163J	
340				@320 stick, 2.5" organic debris (roots)			
				CORE ENDS @ 338.3 cm	338.3cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 7.80 (ft)

Processing Recovery Depth: 6.70 (ft)

Adjusted Recovery Percentage: 85.9%

Notes:

Location ID: IT1565

Collection Date/Time: 5/28/24 0923

Core Logged By: RP

Attempt #: 2

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
0-204.2 cm	85	15	15	SAND WITH SILT (SP-SM) Very loose, wet, grayish brown, silt, medium to coarse grained sand, no sheen, no odor @ 23 cm gray silt pocket @ 37 cm grades to trace silt @ 40 cm fine gravel piece @ 50 cm grades fine to medium grained sand, gray, moist, medium dense @ 56 cm orange glass fragment, 1 cm @ 58 cm glass fragment, 1 cm @ 78 cm brown glass fragment, 1 cm @ 83 cm orangish red fine gravel piece @ 92 cm large gravel piece @ 93 cm grades fine grained sand	0-204.2 cm	IT1565A 38.7 cm IT1565B 64.5 cm IT1565C 90.3 cm IT1565D 116.1 cm IT1565E 141.9 cm IT1565F 167.7 cm IT1565G 204.2 cm	
				END OF BORING @ 204.2 cm			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.00 (ft)

Processing Recovery Depth: 4.65 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: IT1566

Collection Date/Time: 5/28/24 0845

Core Logged By: SP

Attempt #: 3

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 1.2

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		95	5	0-32cm POORLY Graded SAND(SP) Loose, wet, brown with white grains, medium grained sand, trace silt, no sheen, no odor @0cm glass shard, 2cm @0-5cm green fibers @24cm fine gravel @30cm shell fragment @41cm fine gravel @42-48cm black staining, increased silt, trace medium gravel @48-62cm mottled orangey brown staining throughout, increased silt @46cm wood fibers @56cm wood fibers 62-141.7cm SILTY SAND(SM) Loose, wet, gray, fine sand, silt, no sheen, no odor @89-99cm SILT lense with trace fine sand, gray @99cm grades to 10% silt (SP-SM) @131cm wood fragment, 3cm —END OF BORING @ 141.7cm	30	IT1566A	
60		90	10		45.0cm	IT1566B	
90		85	15		62.0cm	IT1566C	
120		75	25		122.0cm	IT1566D	
150		90	10		141.7cm	IT1566E	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 2.5 (ft)

Processing Recovery Depth: 2.35 (ft)

Adjusted Recovery Percentage: 94.0

Notes:

Location ID: IT1567

Collection Date/Time: 5/16/24 1353

Core Logged By: A. White

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
0-4cm	<5	95	5	0-4cm: SILT (ML), brown orange, soft, wet , non plastic	0-4cm	IT1567	
4-31cm	15	85		4-31cm: well-graded sand (SW), orange brown, medium dense to dense, moist	4-31cm	42.3cm	
31-71.6cm				31-71.6cm: poorly graded sand with gravel (SP), orange brown, medium dense to dense, moist @ 21, 47 Glass shards, 1" @ 53, 56 Large gravel, 2"	31-71.6cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.30 (ft)

Processing Recovery Depth: 3.92 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1573

Collection Date/Time: 6/6/24 1030

Core Logged By: fm

Attempt #:

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	0-115cm BLACK SILT w/TRACE SAND NO Sheen / NO ODOOR, WET, SOFT			
60				-36cm-43cm SAND LENS, SP. ^{LM} TRACE WITH SILT. MEDIUM, MULTICOLOR GRAINS, Red, White, BLACK, SHRIMP		SC1573	
90				-43-46cm RED SAND CLASTS 61cm DIAM.			
120				-48cm WOOD PIECES		60cm	
150				-60cm GRAY FINE SAND CLAST 63cm			
				-66-72cm ROOTS & WOOD PIECES			
				-85cm WOOD PIECES			
				-100cm ROOTS			
				-103cm WOOD PIECES			
				-110cm ROOTS			
				-123cm END OF SAMPLE			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.59 (ft)

Adjusted Recovery Percentage: 86.3%

Notes:

Location ID: 3C1577

Collection Date/Time: 01/02/24 1103

Core Logged By: LM

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				0-78.9cm BLACK SILT WITH SAND, SOFT, WET			
				-11cm Wood Pieces Stiffens with depth, NO ODOR/Sheen			
				-16cm Wood Pieces			
				-22cm Wood Pieces			
				-25cm Wood Pieces + ROOTS			
60				-47cm ROOTS			
				-50cm - 56cm Wood Piece, 3cm x 10cm			
				-68cm WOOD PIECE			
90				-78.9 END OF SAMPLE			

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.00 (ft)

Processing Recovery Depth: 9.98 (ft)

Adjusted Recovery Percentage: 99.81%

Notes:

Location ID: SC1579

Collection Date/Time: 3/28/24 36.1304

Core Logged By: RP

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	0-304.2cm SILT (ML) Blackish gray, wet, very soft, trace medium grained sand; strong sulfur-like odor, no sheen @20cm wood fragments @32cm wood fragment @44cm shell piece @62-116cm increased sand content (15%) @75cm wood chunk, 6cm @92cm wood piece @98cm wood chunk, 9cm @106cm wood piece @120cm mussel shell and wood fragments @130cm grades moist; grades to fine grained trace sand @135cm wood piece and medium stiff pocket @139cm grades to soft; no odor @213cm wood piece @229-257cm very soft, wet lense @249cm wood fibers @275cm fiber @287cm grades to medium stiff @297cm fibers; shell fragment	30	SC1579A	
60					60	59.9cm SC1579B	
90					90	89.8cm SC1579C	
120					120	119.7cm SC1579D	
150					150	149.6cm SC1579E	
180					180	179.5cm SC1579F	
210					210	209.4cm SC1579G	
240					240	239.3cm SC1579H	
270					270	269.2cm SC1579I	

ANCHOR
QEA

Location ID:

Collection Date/Time:

Core Logged By:

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 4

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Page 2 of 2

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.40 (ft)

Processing Recovery Depth: 11.84 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1581

Collection Date/Time: 5/28/24 1412

Core Logged By: RP

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
30		25	95	0-300.9cm SILT (ML) Very soft, wet, blackish gray, trace fine grained sand, silt, no sheen, faint sulfur-like odor @20-35cm bark-like wood fragments	30	SC1581A	
60				@50cm grades to soft and moist @56cm fine gravel piece	60.0cm	SC1581B	
90				@69cm wood fibers	90.0cm	SC1581C	
120				@96cm wood fragments	120.0cm	SC1581D	
150				@123cm grades to no odor @130cm silt clay clast, gray @140cm wood fibers	150.0cm	SC1581E	
180					180.0cm	SC1581F	
210				@214cm medium to coarse grained sand pocket	210.0cm	SC1581G	
240					240.0cm	SC1581H	
270				@285-293cm light brown, stiff silt lens with wood fragments throughout	270.0cm	SC1581I	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 11.40 (ft)

Processing Recovery Depth: 11.84 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1581

Collection Date/Time: 5/28/2024 1412

Core Logged By: RP 5/28/2024

Attempt #:

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
330			5	Continued SILT (ML) @302cm gray silt pocket	330	SC1581J	
340			95	@334-342cm gray silt pockets @345cm grades to 25% sand (SM) — END OF BORING @ 360.9cm	340	SC1581K	
360					360	360.9cm	
390					390		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.60 (ft)

Processing Recovery Depth: 10.07 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID:

Collection Date/Time:

Core Logged By: EP

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches)

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	0-306.9 cm SILT (ML) Very soft, wet, blackish gray, trace medium grained sand, SILT, no sheen, no odor @16cm grades to soft @53cm grades to moist @58cm wood piece, 1 cm @76cm wood piece @77cm wood piece @84cm wood piece @86cm grades to very soft soft	50	SC1582A	
60					60.0 cm	SC1582B	
90					90.0 cm	SC1582C	
120					120.0 cm	SC1582D	
150					150.0 cm	SC1582E	
180					180.0 cm	SC1582F	
210					210.0 cm	SC1582G	
240				@240cm grades to soft @245cm faint petroleum-like odor; wood piece, bark-like	240.0 cm	SC1582H	
270				@270-306.9cm wood fibers @271cm grades to medium stiff	270.0 cm	SC1582I	
300					300.0 cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.60 (ft)

Processing Recovery Depth: 10.07 (ft)

Adjusted Recovery Percentage: 100%

Notes:

Location ID: SC1582

Collection Date/Time: 5/28/24 1448

Core Logged By: RP

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
330		5	95	Continued SLT (ML) — END OF BORING @ 306.9 cm —	330	306.9 cm	2/2/2

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: SC1584

Job No. 210075.01.03

Collection Date/Time: 5/29/24 @ 1254

No. of Sections: 1

Core Logged By: 2P

Penetration Depth: 7.80 (ft)

Attempt #: 1

Processing Recovery Depth: 8.15 (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
30		5	95	0-22G SILT (ML) very soft, wet, blackish gray, fine sand (trace), silt, no sheen, sulfur-like odor @14cm grades to soft @18cm wood fragment @24cm fiber @34cm grades to moist @42cm silty sand pocket @52cm shell hash @75cm fibers @78cm wood piece	30	SC1584A	
60					60 cm	SC1584B	
90					90 cm	SC1584C	
120					120 cm	SC1584D	
150					150 cm	SC1584E	
180				@182cm dark gray silty sand pocket @175cm grades to no odor @180cm grades to stiff @188cm dark gray silty sand pocket @198cm dark gray silty sand pocket	180 cm	SC1584F	
210					210 cm	SC1584G	
240		95	5	@220cm dark gray sand pocket 226-248.4cm POORLY GRADED SAND (SP) loose to medium dense, moist, blackish gray with white grains, fine to medium grained sand, trace silt, no sheen, no odor END OF BORING @ 248.4cm	226 cm	SC1584H	
270					248.4cm		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 4.30 (ft)

Processing Recovery Depth: 3.38 (ft)

Adjusted Recovery Percentage: 78.161

Notes:

Location ID: IT1585

Collection Date/Time: 6/20/24 1010

Core Logged By: James Melton

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	0-79.4 cm silt (ML) SPT, NO. 5, GRAY OLIVE-BROWN, SILT, LOW plasticity TRACE FINE-GRAINED SAND, NO SHEEN, NO ODOR (@ 3 cm GRAVEL)	0	IT1585	
30		20	80	(@ 30 cm GRAVELS IN SILT w/ SAND (ML))	30	35.4cm	
60				(@ 60-71 cm SILTY SAND LENSE (SW))	60		
90	0	100	0	79.4-103.0 cm Poorly-sorted SAND (SW) LOOSE, MOIST, OLIVE-BROWN, FINE TO MEDIUM GRAINED SAND, NO SHEEN, NO ODOR	90		
120				(@ 103.0 cm END OF BORING)	120		

Sediment Core Processing Log

Job: LDW AOC5 MR Phase 2

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 9.00 (ft)

Processing Recovery Depth: 9.03 (ft)

Adjusted Recovery Percentage: 67.0%

Notes:

Location ID: SC1586

Collection Date/Time: 6/16/24 1143

Core Logged By: LM

Attempt #: 3

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		15	85	0-101cm BLACK SILT WITH SAND, NO ODOR NO Sheen. SOFT, WET. -19cm WOOD PIECES -22cm WOOD PIECES -34cm WOOD PIECES -43cm WOOD PIECES		SC1586A	
60		50	50	-52-58cm SILTY SAND LENS, SM BLACK		70.2cm SC1586B	
		20	80	-58cm BLACK FIBERS -66cm SAND content increases. STIFFNESS INCREASE TO MOD STIFF		60.3cm SC1586C	
90				-101cm CONTACT-TRANSITION TO FINE SAND		80.4cm SC1586D	
120				TRACE SILT, SP. BLACK w/ RED+WHITE GRAINS - Some tan mottling, Stiff, ROOTS		101.0cm SC1586E	
				-108cm		121.1cm SC1586F	
150				-127-140cm LARGE WOOD PIECES		141.2cm SC1586G	
				-140cm WOOD PIECES < 5cm		161.3cm SC1586H	
180				-183.8 END OF SAMPLE		183.8cm	
210							

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 8.00 (ft)

Processing Recovery Depth: 7.16 (ft)

Adjusted Recovery Percentage: 89.5%

Notes:

Location ID: IT1589

Collection Date/Time: 7/25/24 0759

Core Logged By: ZP

Attempt #: 3

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		15	85	0-109.1cm Silt with Sand (ML) very loose, moist, blackish gray; fine sand, silt; no sheen, no odor @12cm wood piece	30	IT1589A	
60				@58cm wood piece	60	40.3cm IT1589B	
90				@70cm grades to soft to medium stiff; brown mottling @86cm fine sand pocket	90	67.2cm IT1589C	
120				@93cm wood piece @94cm begins mottling transition to following layer	120	94.1cm IT1589D	
150			100	109.1-218.2cm Silt (ML) medium stiff, moist, tan, wood and roots throughout; no sheen, no odor	150	109.1cm IT1589E	
180				@114cm gravel pieces	180	136.0cm IT1589F	
210				@130cm gravel pieces	210	162.9cm IT1589G	
240				@137cm dark coloring	240	189.8cm IT1589H	
270				@165cm sand pocket		218.2cm	
				@177cm white specks, dark coloring			
				@197-218.2cm increased sand content			
				@210cm coarse gravel piece END OF BORING @ 218.2cm			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: IT1590

Job No. 210075.01.03

Collection Date/Time: 7/12/24 @ 1017

No. of Sections: 1

Core Logged By: ATB

Penetration Depth: 5.00 (ft)

Attempt #: 1

Processing Recovery Depth: 3.60 (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
				D-109.7 cm loose, wet, gray/brown silty sand (SP-SM), no sheen, no odor stick 47.42 Large log over entire core 65-80cm EoB		IT1590 A 32.4cm IT1590 B 54.0cm IT1590 C 75.6cm IT1590 D 109.7cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 3.00 (ft)

Processing Recovery Depth: 2.87 (ft)

Adjusted Recovery Percentage: 95.7%

Notes:

Location ID: JT1591

Collection Date/Time: 7/18/24 1517

Core Logged By: AB

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
				loose, wet, brown, poorly graded SAND (sp) 0-87.5cm no odor, no sheen 0-87.5cm @ 17cm gravel @ 19cm glass EOB —————	30 60 90 87.5 cm	JT1591 43.1cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: IT1592

Job No. 210075.01.03

Collection Date/Time: 7/12/24 1153

No. of Sections: 1

Core Logged By: ATB

Penetration Depth: ~~2.00~~ 2.50 (ft)

Attempt #: 3

Processing Recovery Depth: 1.98 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 79.2%

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
				0-60.4 cm Loose, moist, blackish grey silty sand (sp-sm) no silt, no odor gravel @ 12, 13 cm EoB		IT1592A 35.6 cm IT1592B 60.4 cm	

Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 10.5 m 5.00 (ft)

Processing Recovery Depth: 2.87 (ft)

Adjusted Recovery Percentage: 57.4%

Notes:

Location ID: 1T1593

Collection Date/Time: 7/15/24 @ 1527

Core Logged By: 7/16/24 @ 1315

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
30		10	90	0-87.5cm SILT (ML) Very soft, wet, black, medium to coarse sized sand, silt, wood fragments throughout, no sheen, no odor	30	1T1593A	
		40	60	@4cm corroded/rusted metal piece, 2cm		25.8cm	
				@6cm 10cm asphalt-like rock		1T1593B	
		25	75	@16cm grades to blackish gray with less debris, soft, 40% sand, fine grained sand		43.0cm	
60				@24-34cm wood chunks	60	1T1593C	
				@38cm grades to lower sand content		60.2cm	
				@40cm gray clay lens		1T1593D	
				@70-77cm grades to fine to medium grained sand		87.5cm	
90				@79-87.5cm sand lens	90		
120				END OF BORING @ 87.5cm	120		
150					150		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1594

Job No. 210075.01.03

Collection Date/Time: 7/15/24 @ 1143

No. of Sections: 1

Core Logged By: LP

Penetration Depth: 5.80 (ft)

Attempt #: 3

Processing Recovery Depth: 4.30 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 74.1%

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
30	70	15	85	0-30cm Silt with SAND (ML) very soft, wet, blackish gray, fine to medium grained sand, silt, no sheen, moderate petroleum-like odor	30	1T1594A	
60		15	100	30-33cm GRAVEL with CLAY AND SAND (GP+ML) loose, wet, blackish gray, fine to medium grained sand, silty, fine to medium grained gravel, wood pieces throughout, no sheen, no odor	33.3cm	1T1594B	
90		10	90	33-131.1cm Silt (ML) soft to medium st. PP, blackish gray; Silt no sheen, no odor	55.5cm	1T1594C	
120			100	@41cm shell @44cm hair-like fragments	77.7cm	1T1594D	
150				@80-94cm shell fragments throughout with increased sand	99.1cm	1T1594E	
180				@105cm layered fabric @113-115cm medium grained sand lens @116-121cm fine grained silty sand lens	131.1cm		
				END OF BORING @131.1cm			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1595

Job No. 210075.01.03

Collection Date/Time: 7/15/24 @ 1213

No. of Sections: 1

Core Logged By: PP

Penetration Depth: 6.50 (ft)

Attempt #: 1

Processing Recovery Depth: 5.26 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 80.9%

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
30	30	100	40	0-19cm SAND (SP) loose to medium dense, moist, dark brown, fine to medium grained sand, no odor, no sheen 21-30cm orange clay pockets 23-19cm gray clay pockets 21cm wood piece 19-21cm sandy gravelly CLAY (CL) soft, moist, gray, fine to medium sized sand, clay, fine to medium sized GRAVEL, no sheen, no odor 25cm light gray clay pocket 26cm grades higher sand and lower gravel content, moist	30	1T1595A	
60					60	34.3cm 36.4cm 1T1595B 36.4cm 60.7cm	
90			100	@79cm fibrous wood, grades to increased fines 81-100.3cm SILT (ML) soft to medium stiff, moist, no sheen, no odor	90	1T1595C 80.1cm 81.0cm	
120				@99cm wood pieces @100cm wood pieces @119cm silty sand pocket @123cm silty sand pocket @127cm sand lens @131-132cm sand lens @136cm sand lens @140-160cm sand lens	120	1T1595D 103.0cm 105.3cm	
150					150	1T1595E 125.0cm 129.6cm	
180				END OF BORING @ 140.3cm	180	1T1595F 160.3cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1596

Job No. 210075.01.03

Collection Date/Time: 7/15/24 @ 1407

No. of Sections: 1

Core Logged By: DP

Penetration Depth: 3.80 (ft)

Attempt #: 3

Processing Recovery Depth: 3.10 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 82.4%

Diameter of Core (inches) 4.80

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 60 90	40	40	20 100	0-24cm GRAVELLY SILTY SAND (ML-SP) loose, wet, blackish gray, fine to coarse gravel, silt, fine to medium SAND, no sheen, faint sulfur-like odor @2cm 9cm wood piece, wood fibers @19cm shell fragment @26cm brick fragment 26-45.4cm SILT (ML) loose, wet, blackish gray, SILT, fine fibers throughout, no sheen, faint petroleum-like odor @56cm wood piece @71-81cm fine grained silty sand lens END OF BORING @ 45.4cm	30 60 90	IT1596A 37.1cm IT1596B 61.8cm IT1596C	
120 150 180					120 150 180	98.4cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1597

Job No. 210075.01.03

Collection Date/Time: 7/18/24 1414

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 2.50

(ft)

Attempt #: 4

Processing Recovery Depth: 2.37

(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
0-72.2cm	10	30	60	SANDY SILT WITH GRAVEL Very loose, wet, light brown, fine to coarse gravel, medium to coarse grained sand, silt, no shuck, no odor @17cm grades to very soft to soft @39-42cm grades increased gravel content @44cm grades to moist, soft @52cm pieces of tannish white substance END OF BORING @ 72.1cm	0-72.2cm	1T1597A 42.7cm 1T1597B 72.2cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1598

Job No. 210075.01.03

Collection Date/Time: 7/16/24 @ 1445

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 1.90

(ft)

Attempt #: 1

Processing Recovery Depth: 1.99

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 100.0%

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	10	15	75	0-60.7cm SILT WITH SAND AND GRAVEL (ML) Very soft, wet, blackish gray, fine to coarse sand, fine to coarse gravel, SILT, no shales, strong sulfur-like odor @ 0cm grades to soft to medium stiff, brown coloring @ 10cm grades to blackish gray coloring	0-30	1T1598A	
30-60				END OF BORING @ 60.7cm	30-60	45.0cm 1T1598B	
60-90					60-90	60.7cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1599

Job No. 210075.01.03

Collection Date/Time: 7/16/24 @ 1414

No. of Sections: 1

Core Logged By:

Penetration Depth: 7.50 (ft)

Attempt #: 2

Processing Recovery Depth: 5.89 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 78.5%

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
0-44cm	20	15		GRAVELLY SILT WITH SAND (ML) very soft, wet, blackish gray, medium to coarse sand, fine to medium gravel, silt, no sheen, no odor	0-30cm	1T1599A	
44-88cm	30 ^{RP} 65	65 ^{BP} 30	5	SANDY GRAVEL (GW) very loose, moist, trace fines, medium to coarse sized sand, fine to coarse sized GRAVEL, no sheen, no odor @45cm asphalt-like material, 1cm	30-35.3cm	1T1599B	
88-179.5cm			5	SILT (ML) medium stiff, moist, blackish gray, trace fine to medium sand, silt, no sheen, no odor @1cm turn to gray clay pocket	35.3-58.9cm	1T1599C	
				@100cm Black banding, blackish brown blobs with brown staining	58.9-82.0cm	1T1599D	
				@113cm white hair-like fiber	82.0-105.6cm	1T1599E	
				@118cm wood piece	105.6-129.2cm	1T1599F	
				@121-135cm fine grained sandy silt lens	129.2-152.8cm	1T1599G	
				@149cm 6cm wood chunk	152.8-179.5cm		
				@153-156cm sand lens			
				@158-161cm gray coloring			
				END OF BORING @ 179.5cm			

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1600

Job No. 210075.01.03

Collection Date/Time: 7/16/24 @ 1614

No. of Sections: 1

Core Logged By: PP

Penetration Depth: 5.20

(ft)

Attempt #: 3

Processing Recovery Depth: 5.03

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.7

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
0-153.3cm	10	90		0-153.3cm SILT WITH SAND (ML) very soft, wet, blackish gray, fine to medium sized sand, SILT, strong petroleum-like odor, faint silver sheen @13cm grades to moist, soft to medium stiff @20cm stick-like wood @35cm wood pieces @47cm - 76cm moderate silver sheen @51cm wood pieces @66-76cm gray coloring @60-66cm sandy gravel lens with ^{PP} wood pieces, black @62cm 3cm wood chunk @75cm coarse sand sized metallic material @76cm-98cm shell fragments throughout @84cm 3cm wood chunk @97cm no sheen, grades to @113 grades to medium stiff END OF BORING @ 153.3cm	0-153.3cm	1T1600A	
					43.5cm	1T1600B	
					72.5cm	1T1600C	
					101.5cm	1T1600D	
					130.5cm	1T1600E	
					153.3cm		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1601

Job No. 210075.01.03

Collection Date/Time: 7/15/24 @ 1527

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 10.5 (ft)

Attempt #: 1

Processing Recovery Depth: 8.00 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 76.2%

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
0-100	40	15	45	0-100cm GRAVELLY SILT WITH SAND (ML) 21 loose wet, brown, coarse sand, fine to medium sized gravel, silt, no sheen, moderate petroleum-like odor @0cm clasts of white bentonite-like substance @10-21cm concretelike chunk with white waxy substance on bottom 21-243.8cm SILT (ML) soft to medium , wet, blackish gray, silt, no sheen, faint petroleum-like odor @41-51cm brownish gray banding @51-100cm brownish gray silty sand lens	0-30	1T1601A	
30-60					30-34.3	34.3cm 1T1601B	
60-90					34.3-57.2	57.2cm 1T1601C	
90-120					57.2-80.1	80.1cm 1T1601D	
120-150				@107cm gradas to soft to medium stiff	80.1-103.0	103.0cm 1T1601E	
150-180				@126cm ber	103.0-123.9	123.9cm 1T1601F	
180-210				@191cm gradas to medium stiff	123.9-148.8	148.8cm 1T1601G	
210-240				@173-183cm brown coloring @176cm shell hash	148.8-171.7	171.7cm 1T1601H	
240-270				@194cm brown coloring	171.7-194.6	194.6cm 1T1601I	
				END OF BORING @ 243.8cm	194.6-217.5	217.5cm 1T1601J	
					217.5-243.8	243.8cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1602

Job No. 210075.01.03

Collection Date/Time: 7/18/24 1705

No. of Sections: 1

Core Logged By: DP

Penetration Depth: 2.00 (ft)

Attempt #: 5

Processing Recovery Depth: 1.72 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 86.0%

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
30		5	95	0-52.4cm SILT (ML) very soft, wet, blackish gray, fine to medium grained sand, silt, faint silver sheen @17cm root-like wood piece @21cm wood piece @21cm soft to medium stiff; grades to @43-52.4cm fine rounded gravel with sand lens @37-42cm occasional hardened material END OF BORING @ 52.4cm	30	1T1602A	
60					60	38.7 cm 1T1602B 52.4 cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 171603

Job No. 210075.01.03

Collection Date/Time: 7/17/24 @ 1356

No. of Sections: 1

Core Logged By: KP

Penetration Depth: 3.50 (ft)

Attempt #: 1 of 3

Processing Recovery Depth: 3.50 @ 1.96 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 56%

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
0-59.7cm	10	10	80	0-59.7cm silt with gravel and sand (MU) soft, moist, blackish gray, wood fragments throughout, fine to medium grained sand, fine sized gravel, silt, trace silver sheen, @26cm rubber-like ring, 7cm @37cm rubber-like cylinder, 1cm diameter, 9cm length @41cm glass shard @50cm cardboard-like material @45cm tan rock-like material @55cm clear plastic END OF BORING @ 59.7cm	0-30cm	171603A 25.2	
					30-42cm	171603B 42	
					42-59.7cm	171603C 59.7	

Note: odor not observed, PID measurement of 10ppm in breathing zone

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1604

Job No. 210075.01.03

Collection Date/Time: 7/18/24 1748

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 2.00 (ft)

Attempt #: 4

Processing Recovery Depth: 1.78 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 85.0%

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		30	70	0-51.8cm SILT SANDY SILT (ML) very soft, wet, blackish gray, medium to coarse sand, SILT, no sheen, moderate sulfur-like odor, layered material @ 14cm grades to soft throughout	30	1T1604A	
60				51.8cm medium rounded gravel piece END OF BORING @ 51.8cm	60	38.3 cm 1T1604B 51.8 cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1605

Job No. 210075.01.03

Collection Date/Time: 07/17/24 @ 1814

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 7.50 (ft)

Attempt #: 3

Processing Recovery Depth: 7.13 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 95.1 %

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
0-30	85	10	5	0-0.00m GRAVEL WITH SAND AND SILT (GW) loose to medium dense, moist, blackish gray, medium coarse grained sand, silt, fine to coarse gravel, faint silty sheen, no odor @13cm thin clay pocket @23cm grades to trace silt @29cm grades to increased silt, fine to coarse sand @42cm - 60cm silty sand lens	0-30	1T1605A	
30-60	60	10	30		30-60	42.8 cm 1T1605B	
60-90		5	95	60-217.3cm SILT (MU) stiff, moist, dark gray, trace fine sand, silt, no sheen, no odor	60-90	60.0 cm 1T1605C	
90-120					90-120	88.5 cm 1T1605D	
120-150					120-150	117.0 cm 1T1605E	
150-180					150-180	145.5 cm 1T1605F	
180-210				@133cm dark-like wood @140cm - 143cm fine sand lens @148cm wood piece @203cm fine sand lens	180-210	174.0 cm 1T1605G	
210-240				END OF BORING @ 217.3m	210-240	202.5 cm 1T1605H	
240-270					240-270	217.3 cm	

geo

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 171606

Job No. 210075.01.03

Collection Date/Time: 07/17/24 @ 1712

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 5.0

(ft)

Attempt #: 3/3

Processing Recovery Depth: 4.85

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97

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	70	10	20	0-11cm SILTY GRAVEL WITH SAND (Gm) very loose, wet, black, medium to fine grained sand, silt, fine to medium gravel, no sheen, faint petroleum-like odor moderate	0-30	171606A 43.7	
10-20		20	80		30-40		
20-30		35	65	11-14.8cm SILT (ML) + SP soft, moist, blackish gray fine sand, SILT, wood fragments throughout, no sheen, faint petroleum-like odor	40-50	171606B 72.5	
30-40				@30cm grades to increased sand content (fine grained)	50-60		
40-50				@41cm grades to medium silt	60-70	171606C 101.7	
50-60	10		90	@50cm - 71cm silty sand lens	70-80		
60-70				@71cm grades to lower sand content	80-90	171606D 131	
70-80				@80-83cm black coloring	90-100		
80-90				@106cm Fibers	100-110		
90-100				@109cm sand pocket with fibers	110-120	171606E 147.8	
100-110				@123cm gray clay lens	120-130		
110-120				@130cm fiber, 1cm sand pocket	130-140		
120-130				END OF BORING @ 147.8cm	140-150		
130-140					150-160		
140-150					160-170		
150-160					170-180		
160-170					180-190		
170-180					190-200		
180-190					200-210		
190-200					210-220		
200-210					220-230		
210-220					230-240		
220-230					240-250		
230-240					250-260		
240-250					260-270		
250-260					270-280		
260-270					280-290		
270-280					290-300		
280-290					300-310		
290-300					310-320		
300-310					320-330		
310-320					330-340		
320-330					340-350		
330-340					350-360		
340-350					360-370		
350-360					370-380		
360-370					380-390		
370-380					390-400		
380-390					400-410		
390-400					410-420		
400-410					420-430		
410-420					430-440		
420-430					440-450		
430-440					450-460		
440-450					460-470		
450-460					470-480		
460-470					480-490		
470-480					490-500		
480-490					500-510		
490-500					510-520		
500-510					520-530		
510-520					530-540		
520-530					540-550		
530-540					550-560		
540-550					560-570		
550-560					570-580		
560-570					580-590		
570-580					590-600		
580-590					600-610		
590-600					610-620		
600-610					620-630		
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720-730					740-750		
730-740					750-760		
740-750					760-770		
750-760					770-780		
760-770					780-790		
770-780					790-800		
780-790					800-810		
790-800					810-820		
800-810					820-830		
810-820					830-840		
820-830					840-850		
830-840					850-860		
840-850					860-870		
850-860					870-880		
860-870					880-890		
870-880					890-900		
880-890					900-910		
890-900					910-920		
900-910					920-930		
910-920					930-940		
920-930					940-950		
930-940					950-960		
940-950					960-970		
950-960					970-980		
960-970					980-990		
970-980					990-1000		

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1607

Job No. 210075.01.03

Collection Date/Time: 7/16/24 @ 1840

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 7.10 (ft)

Attempt #: 1

Processing Recovery Depth: 6.53 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 92.07%

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
30	40	5	55	0-199.0 silt (ML) very soft, wet, black, medium to coarse trace sand, silt chunks of hardened layered material (tan, black, and gray) @23cm 9cm fiberglass pieces no sheen, faint petroleum-like odor @33cm stiff silt pocket	30	1T1607A 41.4	
60					60	1T1607B 69.0	
90	30	70		@79cm grades to increased sand content (fine grained), blackish gray coloring, soft to medium stiff, moist	90	1T1607C 92.6	
120	5	95		@18cm grades to trace sand, trace silver sheen @109cm black shiny pocket; wet	120	1T1607D 124.2	
150				@129cm grades to med um stiff	150	1T1607E 151.9	
180				@179cm sand lens @188cm rubber-like fragment	180	1T1607F 179.4	
210				END OF BORING @199.0cm	199.0	1T1607G 199.0	
240					240		
270					270		
300					300		

Note: 0-79cm gravel content represents material pieces (non-rock)

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: IT1610

Job No. 210075.01.03

Collection Date/Time: 7/16/24 @ 1748

No. of Sections:

Core Logged By: PP

Penetration Depth: 1.40

(ft)

Attempt #: 2

Processing Recovery Depth: 1.26

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90%

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
30 60		10	90	Q-38.4cm SILT WITH SAND (ML) very loose, wet; black, fine to coarse grained sand, SILT faint silver sheen, strong petroleum-like odor, wood throughout @14cm thin rubber-like material @17cm 9cm wood chunk @38cm wood chunks with ST:PP gray clay pocket END OF BORING @ 38.4cm	30 60	IT1610 38.4cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1609

Job No. 210075.01.03

Collection Date/Time: 7/18/24 1553

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 2.00 (ft)

Attempt #: 3

Processing Recovery Depth: 0.95 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 47.5

Diameter of Core (inches) 4

Notes: see core collection form for notes
about recovery percentage

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	0	20	80	0-29.0cm SANDY SILT (ML) very soft, wet, blackish gray, fine to medium sand, SILT, wood f. bar throughout @9cm wood piece @15cm fiberglass-like material, 7cm @28cm gravel pieces END OF BORING @ 29.0cm	3	1T1609A 29.0cm	

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1611

Job No. 210075.01.03

Collection Date/Time: 7/18/24 1914

No. of Sections: 1

Core Logged By: RP

Penetration Depth: 6.00 (ft)

Attempt #: 1

Processing Recovery Depth: 5.96 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 99.3%

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
0-131cm	10	40	50	SANDY SILT WITH GRAVEL (M) very loose, wet, dark gray, fine to medium grained gravel, fine to coarse sand, wood throughout, fine shell fragments throughout, moderate sulfur-like odor, no sheen	0-33cm	1T1611A	
30	30	20	50	@33cm grades to increased gravel	30-44.7cm	1T1611B	
60	20	10	10	@58cm grades to increased gravel	44.7-74.5cm	1T1611C	
70	30	35	15	@79cm grades to increased silt	74.5-104.3cm	1T1611D	
100	30	30	30	@105cm grades to increased gravel	104.3-131.0cm	1T1611E	
120	40	30	30	@120cm grades to increased silt	131.0-158.0cm	1T1611F	
150			100	131-158cm SILT (M) medium silt, moist, dark gray, trace fine sand, silt, no sheen, no odor @146cm wood piece, grades to blackish gray coloring, hard black material, silver fines	158.0-181.7cm		geo sco
180				158-181.7cm SAND (SP) medium dense, moist, blackish gray, striated silt lenses, fine grained sand, wood throughout, no sheen, no odor	181.7cm		
210				END OF BORING @ 181.7cm			
240							
270							

Sediment Core Processing Log



Job: LDW AOC5 MR Phase II

Location ID: 1T1612

Job No. 210075.01.03

Collection Date/Time: 7/18/24 1926

No. of Sections: 2

Core Logged By: RP

Penetration Depth: 8.00 (ft)

Attempt #: 1

Processing Recovery Depth: 7.25 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 90.6%

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
30	15	10	75	0-79cm SILT WITH SAND AND GRAVEL (ML) very soft, fine to coarse grained sand, fine grained gravel, wet, blackish gray, wood throughout, trace silver sheen florets, no odor	30	1T1612A	
60				@92cm-139cm grades faint petroleum-like odor	60	40.8 cm 1T1612B	
90	5	95		@94-104cm 2 cobble pieces, medium gravel pieces RP 79-113cm SAND (SP) SILT (ML) medium stiff, moist, dark brown, fine sand, SILT, no sheen, faint petroleum-like odor	90	79.0 cm 1T1612C	
120		100		113-221.0cm SAND (SP) medium dense, moist, dark brown, fine sand, no sheen, faint petroleum-like odor	120	113.0cm 1T1612D	
150				@135-204cm striated sandy silt lenses @143-150cm fibers	150	140.2 cm 1T1612E	
180					180	167.4 cm 1T1612F	
210					210	194.6 cm 1T1612G	
240				END OF BORING @ 221cm	240	221.0 cm	
270					270		

ANCHOR
QEA

Location ID: SC1823

Collection Date/Time: 10/25/24 0940

Core Logged By: A. White

Attempt #:

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Diameter of Core (inches) 5

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

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Sediment Core Processing Log

Job: LDW AOC5 MR Phase II

Job No. 210075.01.03

No. of Sections: 1

Penetration Depth: 1.92 (ft)

Processing Recovery Depth: 1.63 (ft)

Adjusted Recovery Percentage: 84.9%

Notes: Equivalent to 58.5cm
unconsolidated

Location ID: SC1824

Collection Date/Time: 6/25/24 1113

Core Logged By: A. White

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	0-49.7cm SILT (ML), soft, moist, dark grey to black, non plastic @ 5 Biota (worm) @ 7 roots. @ 14 Biota (worm) @ 19, 24, 32 rock fragments between 1" and 2" in width @ 22 shell @ 36-40 woody debris @ 42 Bark fragment CORE ENDS @ 49.7cm	0	Subay	Sketch of sediment core with various features marked.
10					10		
20					20		
30					30		
40					40		
50					50		
						49.7cm	