

Sediment Core Processing Log



Job: LDW AOC5 MR Phase 2

Location ID: LDW24-UP01

Job No. 210075.01.03

Collection Date/Time: 8/15/24 @ 0950

No. of Sections: 1 of 5

Core Logged By: RP

Penetration Depth: 5.0ft (ft)

Attempt #: 1

Processing Recovery Depth: 4.78 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 96.0%

Diameter of Core (inches) 4

Notes: 95.6%

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
30	35	10	55	0-145.7cm SILT WITH SAND AND GRAVEL (ML) 0-145.7cm GRAVELLY SILT WITH SAND (ML) very loose, dry, tan brown, medium sand, fine to medium gravel, silt, no sheen, no odor @0-9cm grass and roots @42cm white lens @49cm grades to higher sand content @59cm concrete chunk @77cm grades to orange tan coloring @88cm black lens @97cm grades to tan coloring @104cm white lens @119cm root @123cm grades sandier	30	UP01A	2 2 2 2 2 2
60	35	15	50		60	29.3cm 0.96ft UP01B	
90					90	58.5cm 1.92ft UP01C	
120					120	87.8cm 2.88ft UP01D	
150	35	35	30		150	117.0cm 3.84ft UP01E	
				END OF SECTION @ RECOVERY @ 145.7cm		145.7cm 4.78ft	

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Job: LDW AOC5 MR Phase 2

Location ID: LDW24-UP01

Job No. 210075.01.03

Collection Date/Time: 8/15/24 @ 0950

No. of Sections: 2 of 5

Core Logged By: RP

Penetration Depth: 5.0

(ft)

Attempt #: 1

Processing Recovery Depth: 3.35

(ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 107.0%

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
180	35	35	30	Cont. from prev. section (3M) 152.4 - 254.5cm @153cm grades to decreased gravel	180	UP01F	
	15	55	30	@109cm grades to decreased silt; brown coloring		172.8cm 5.67ft UP01G	
	20	60	20	@170cm - 215cm rocks throughout		193.2cm 6.34ft UP01H	
210	60	30	40	@200cm grades: increased gravel content; concrete chunk @213cm grades to moist	210	213.7cm 7.01ft UP01I	
240	80	15	6	@235cm grades to increased gravel content	240	234.1cm 7.68ft UP01J	
				END OF SECTION RECOVERY @ 254.5cm		254.5cm 8.35ft	
270					270		
300					300		

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Job: LDW AOC5 MR Phase 2

Location ID: LDW24-UP01

Job No. 210075.01.03

Collection Date/Time: 8/15/24 @ 0950

No. of Sections: 3 of 5

Core Logged By: RP

Penetration Depth: 8.0 (ft)

Attempt #: 1

Processing Recovery Depth: 3.59 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 71.8%

Diameter of Core (inches) 4.52

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
				cont. from prev. section			
330	30	20	30	304.5-360cm SILTY GRAVEL WITH SAND (GSP) very loose, dry; gray tan, fine to medium sand, silt, fine to coarse gravel; no sheen, no odor @333cm grass pieces	326.7cm 10.72ft	UP01K	
360	RP 45	RP 75	RP 50	360-362cm CONCRETE 362-370cm SILTY GRAVEL WITH SAND (GSP) loose, wet, mottled black/brown, medium sand, fine to medium gravel; no sheen, faint petroleum-like odor	343.2cm 11.44ft	UP01L	
390	5	85	10	370-382cm SANDY SILT (ML) soft to medium stiff, wet, light gray, silt, fine to medium sand, no sheen, no odor	370.6cm 12.16ft	UP01M	
420		100		387-397cm SAND WITH SILT (SP-ML) loose, wet, mottled orange/gray; trace fine to medium gravel; fine to medium sand; no sheen; no odor @392cm black coloring pockets	392.6cm 12.88ft	UP01N	
450				397-444.2cm SAND (SP) loose, moist, blackish gray with red and white flecks, fine to medium sand; no sheen, no odor END OF SECTION RECOVERY @ 444.2cm		UP01O	

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Job: LDW AOC5 MR Phase 2

Location ID: LDW24-UP81

Job No. 210075.01.03

Collection Date/Time: 8/15/24 @ 0950

No. of Sections: 4 OF 5

Core Logged By: BP

Penetration Depth: 5.0 (ft)

Attempt #: 1

Processing Recovery Depth: 4.85 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 97.0%

Diameter of Core (inches) 4.0

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
460		100		cont. from prev. section (SP) 457.2-605.0cm	460	UP01P	
480					480	456.8cm 15.97ft	
500					500	UP01Q	
520					520	516.3cm 16.94ft	
540					540	UP01R	
560					560	545.9cm 17.91ft	
580					580	UP01S	
600				@587cm brown gray clay clasts	600	575.5cm 18.88ft	
				END OF SECTION RECOVERY @605.0cm	600	UP01T	
						605.0cm 19.85ft	

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Job: LDW AOC5 MR Phase 2

Location ID: LDW24-UP01

Job No. 210075.01.03

Collection Date/Time: 8/15/24 @

No. of Sections: 5 of 5

Core Logged By: RD

Penetration Depth: 50 (ft)

Attempt #: 4

Processing Recovery Depth: 4.96 (ft)

Type of Core ☐ Mudmole ☒ Vibracore ☐ Diver Core

Adjusted Recovery Percentage: 99.0%

Diameter of Core (inches) 4.00

Notes:

Core Quality ☒ Good ☐ Fair ☐ Poor ☐ Disturbed

Recovered Length (cm)	Size % Gravel	Size % Sand	Size % Fines	Classification and Remarks (Density, Moisture, Color, Minor Constituent, MAJOR Constituent, with Additional Constituents, Sheen, Odor)	Recovered Length (cm)	Sample	Summary Sketch
630		100		Cont. from prev. section (SP) 609.6-760.8cm @617cm grades to well graded sand	630	UP01U	
660				@669cm clay clust, brown gray	660	UP01V	
690				@709cm grades to loose to medium dense	690	UP01W	
720				@711cm wood piece	720	UP01X	
750				@720cm clay lens, gray	750	UP01Y	
				END OF SECTION RECOVERY @ 760.8cm		760.8cm 24.96ft	
				EOB			