

**Volume 2:**

**Archaeological Resources  
Technical Memorandum**

**SR 520, Medina to SR 202: Eastside Transit and HOV Project**

## **Appendix D: Shovel Probe Data**

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# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-1	0-12	10YR 3/2	Very dark brown	Silt loam	
	12-29	10YR5/2	Grayish brown	Silt loam	
	29-54	10YR 4/1	Dark gray	Sand	2 pcs clear glass, 2 pcs amber glass, 6 chunks asphalt at 41-46 cm; road fill
T-2	0-3	7.5YR 3/2	Dark brown	Silt loam	1 pc clear bottle glass
	3-50	10YR 3/4	Dark yellowish brown	Silt loam	
	50-55	7.5YR 3/2	Dark brown	Silt loam	Charcoal chunks
	55-100	10YR 4/3	Brown	Silt loam	
	100-107	10YR 3/4	Dark yellowish brown	Silt loam	Auger at 102 cm
	107-110	2.5Y 4/3	Olive brown	Silt loam	Road fill
T-3	0-27	10YR 4/2	Dark grayish brown	Silt loam	
	27-49	10YR 3/3	Dark brown	Silt loam	1 pc clear glass at 30-36 cm
	49-110	10YR 3/3	Dark brown	Silt loam	Wood fragments and charcoal; road fill
T-4	0-7	10YR 3/3	Dark brown	Silt loam	2pcs clear plastic sheeting at 0-10 cm
	7-48	2.5Y 5/4	Light olive brown	Silt loam	Has the appearance of till but is likely fill; possible buried A horizon with rootlets and charcoal bits at 34 cm
	48-58	10YR 5/4	Yellowish brown	Silt loam	Very compact
T-5	0-11	7.5YR 3/2	Dark brown	Silt loam	
	11-29	7.5YR 4/4 and 7.5YR 3/2	Brown/dark brown	Mottled silt loam	
	29-37	7.5YR 3/2	Dark brown	Silt loam	Charcoal chunks
	37-95	7.5YR 4/3	Brown	Silt loam	
	95-125	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Silt loam	Auger at 103 cm
T-6	0-18	7.5YR 3/2	Dark brown	Silt loam	
	18-58	2.5Y 5/2	Grayish brown	Compact silt loam	Charcoal chunks
	58-88	2.5Y 5/2 and 5YR 4/6	Grayish brown/yellowish red	Mottled silt loam/sandy loam	Charcoal chunks, burned roots
	88-100	10YR 5/4	Yellowish brown	Loamy sand	Till; auger at 95 cm; ended by gravel at 100 cm
T-7	0-11	7.5YR 3/2	Dark brown	Loam	
	11-37	10YR 4/4	Dark yellowish brown	Very compact silt loam; thin lens of 7.5YR 3/2 in NW wall at 15-18 cm	
	37-50	7.5YR 3/2	Dark brown	Silt loam	Possible buried A horizon
	50-84	2.5Y 4/3	Olive brown	Sandy loam; silt content increases with depth	Till
T-8	0-37	10YR 4/3	Brown	Silt loam	Charcoal and 1 pc fire cracked rock at 15-37 cm; no indication of association with cultural behavior
	37-64	2.5Y 4/3	Olive brown	Sandy loam	Till
T-9	0-16	10YR 4/3	Brown	Silt loam; moderately dense compaction, dry	
	16-45	2.5Y 5/2	Grayish brown	Sandy loam; dense compaction, dry	
	45-78	2.5Y 4/3	Olive brown	Silt loam; dense compaction, dry	Glacial till
T-10	0-30	10YR 4/3	Brown	Silt loam	1 pc amber glass at 30 cm
	30-58	2.5Y 5/2	Grayish brown	Silt loam; very compact	
	58-81	2.5Y 4/3	Olive brown	Loamy sand	Fewer gravels in till
T-11	0-16	10YR 4/3	Brown	Silt; moderate compaction; many small roots	3 pcs fine-grained sedimentary stone, possible debitage, at 0-50 cm
	16-52	10YR 4/3	Brown	Silt loam; moderate compaction; fewer organics	
	52-68	2.5Y 5/2	Grayish brown	Mottled silt loam; moderate compaction	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	68-82	2.5Y 4/3	Olive brown	Loamy sand; dense compaction	Glacial till
T-12	0-11	10YR 4/3	Brown	Silt loam; developing A horizon	
	11-24	10YR 5/2	Grayish brown	Silt loam	1 pc clear glass at 11-24 cm
	24-50	10YR 3/3	Dark brown	Silt loam	Possible buried A horizon
	50-75	10YR 5/2	Grayish brown	Silt loam	
	75-82	2.5Y 4/3	Olive brown	Loamy sand	Till
T-13	0-14	10YR 3/3	Dark brown	Silt loam; developing A horizon	
	14-49	2.5Y 5/3 and 10YR 5/6	Light olive brown/yellowish brown	Mottled loamy sand; very compact; possibly buried A horizon from 29-38 cm	Imported till
	49-62	2.5Y 6/6	Olive yellow	Sand; pebble content increasing with depth; very compact	Glacial till
T-14	0-21	10YR 3/2	Very dark grayish brown	Silt; moderate compaction; many small roots	
	21-35	10YR 5/1	Gray	Sand; very compact	At 38 cm matrix becomes so hard that excavation was impossible
T-15	0-23	10YR 2/2	Very dark brown	Clayey silt; wet; developing A horizon	
	23-61	10YR 5/1	Gray	Loam; Increasing sands and gravels with depth;	Till; water at 55 cm
T-16	0-27	10YR 3/2	Very dark grayish brown	Silt; moderate compaction; many small roots	
	27-38	10YR 5/1	Gray	Sand; very compact	At 38 cm matrix becomes so hard that excavation was impossible
T-17	0-20	10YR 2/2	Very dark brown	Silt loam; very compact	Till
	20-33	10YR 5/1	Gray	Sand; compact; some mottling with above stratum	Similar to other probes in proposed pond area; developing A horizon over compact [???] surface of glacial till
T-18	0-18	10YR 3/2	Very dark grayish brown	Silt; moderate compaction; many small roots	8 quarry spalls
	18-24	10YR 5/1	Gray	Sand; very compact	At 24 cm matrix becomes so hard that excavation was impossible
T-19	0-23	10YR 3/2	Very dark grayish brown	Silt; moderate compaction; many small roots	
	23-32	10YR 5/1	Gray	Sand; very compact	At 32 cm matrix becomes so hard that excavation was impossible
T-20	0-39	10YR 2/2	Very dark brown	Silt loam; very compact	Gravel quarry spalls and fill
	39-45	10YR 5/1	Gray	Sand; compact	Glacial till
T-21	0-21	10YR 3/1	Very dark gray	Silt loam	6 pcs aqua glass, 2 pcs amber glass, 2 pcs clear glass, 1 pcs multi-colored glass at 0-81 cm
	21-81	10YR 3/2	Very dark grayish brown	Loamy sand	
T-22	0-126	10YR 3/2	Very dark grayish brown	Silt	Auger at 118 cm; glass fragments (clear, green), ABS pipe, styrofoam at 0-120 cm; fill
	126-165	10YR 3/2 and Gley 2 5/10BG	Very dark grayish brown/dark greenish gray	Mottled silt and sandy clay	Fill
	165-174	Gley 2 5/10BG	Dark greenish gray	Sandy clay	
T-23	0-90	10YR 3/2	Very dark grayish brown	Silt	Fill; impenetrable asphalt and fill chunks at 90 cm
T-24	0-8	10YR 2/2	Very dark brown	Silt loam; developing A horizon	
	8-66	Not noted	Not noted	Very coarse sand	2 pc amber glass, 1 pc clear glass, 2 red brick fragments at 8-66 cm; munsell color not noted because it is unclear which coarse grain of sand to attribute the color to
	66-70	2.5Y 4/2	Dark grayish brown	Medium to fine grained sand	
	70-102	2.5Y 4/3	Olive brown	Fine sand with interbedded silt	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-25	0-68	10YR 3/2	Very dark grayish brown	Silt loam	
	68-103	2.5Y 4/1	Dark gray	Silt; moderate compaction; many small roots	
T-26	0-18	10YR 3/2	Very dark grayish brown	Silt loam	
	18-50	2.5Y 4/1	Dark gray	Silty clay	
	50-72	10YR 3/2	Very dark grayish brown	Silty clay	
	72-104	10YR 3/2	Very dark grayish brown	Loamy sand	1 pc amber glass at 80 cm, 1 pc clear glass at 95 cm; auger ended because of cobble
T-27	0-138	10YR 3/2	Very dark grayish brown	Silt with interbedded peat	Asphalt at 70 cm; auger at 90 cm; water at 135 cm
T-28	0-14	10YR 3/2	Very dark grayish brown	Silt loam; developing A horizon	
	14-90	10YR 5/1, 10YR 7/2, 10YR 4/3	Gray/light gray/brown	Interbedded sands and silts	Possible fill
T-29	0-183	10YR 3/2	Very dark grayish brown	Silt loam with some peat	Auger at 123 cm; possible fill
	183-208	Gley 2 6/1	Bluish gray	Sand	Possible till
T-30	0-110	10YR 3/3	Dark brown	Silt loam	1 pc clear glass at 60 cm, 1 pc amber glass at 70 cm; auger at 98 cm
	110-130	10YR 4/1	Dark gray	Silt loam	
T-31	0-119	10YR 3/3	Dark brown	Mottled silt loam; moderate compaction to 70 cm, 70-119 cm less compact	
	119-129	2.5Y 4/3	Olive brown	Sand	
	129-166	10YR 2/1	Black	Silt with interbedded peat	
	166-176	10YR 4/1	Dark gray	Silt loam gradually trending to dense gravel till	Possible filled wetland
T-32	0-27	10YR 3/3	Dark brown	Silt loam	1 pc concrete pipe at 0-27 cm
	27-35	10YR 5/6	Yellowish brown	Thin layers of light brown, brown and gray silt loam; yellowish brown is an average color	
	35-73	10YR 2/1	Black	Silt loam with a few gray mottles	Likely fill to 73 cm
	73-89	10YR 3/2 and 10YR 2/2	Very dark grayish brown/very dark brown	Mottled sand	
	89-150	2.5Y 3/1	Very dark gray	Sand	Auger at 100 cm
	150-156	2.5Y 2.5/1	Black	Peat	Chunks of wood; possibly buried wetland surface
	156-210	10YR 3/2	Very dark grayish brown	Sand	Dutch mud auger bit at 160 cm
	210-260	Gley 1 5/1	Dark gray	Interbedded sands and silts	
T-33	0-127	10YR 3/2	Very dark grayish brown	Mottled silt	Auger at 118 cm; asphalt at 87 cm
	127-150	10YR 3/2	Very dark grayish brown	Mottled silt with peat	
	150-165	10YR 4/1	Dark gray	Silt	
	165-195	10YR 4/1	Dark gray	Silt loam with peat	
	195-238	10YR 3/2	Very dark grayish brown	Sand	Wood chunks
	238-244	2.5Y 2.5/1	Black	Peat	
T-34	0-25	10YR 3/3	Dark brown	Silt loam	1 pc clear glass at 0-30 cm
	25-63	10YR 5/1, 10YR 7/2, 10YR 4/3	Gray/light gray/brown	Mottled silt loam	
	63-105	2.5Y 3/1	Very dark gray	Loamy sand	Possibly fill extending to peat layer
	105-110	2.5Y 2.5/1	Black	Peat	Possible buried wetland surface
T-35	0-115	10YR 3/3	Dark brown	Silt loam	Auger at 112 cm; water at 112 cm; possible fill
	115-151	10YR 4/1	Dark gray	Sand	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	151-196	10YR 4/1	Dark gray	Silt with some peat	Probe terminated due to collapsing hole
T-36	0-38	10YR 3/3	Dark brown	Silt loam	1 pc amber glass, 1 clear glass marble from spray paint can, 1 pull tab Olympia beer can at 0-30 cm
	38-120	Gley 1 4N	Dark gray	Silt loam	Auger at 68 cm; possibly fill to 120 cm
	120-145	2.5Y 2.5/1	Black	Peat	Possible buried wetland surface
	145-225	Gley 1 4N	Dark gray	Sand	
	225-255	Gley 1 4N	Dark gray	Silt	
T-37	0-108	10YR 3/3	Dark brown	Silt loam	Brown bottle glass, green glass at 0-20 cm; asphalt at 55 cm; auger at 108 cm
	108-140	10YR 3/3	Dark brown	Silt loam	Dutch mud auger bit at 133 cm
	140-160	2.5Y 4/2	Dark grayish brown	Silt loam	
	160-218	Gley 1 4/5 GY and 10YR 3/1	Dark greenish gray/very dark gray	Mottled silt and interbedded silt loam; increasing moisture and sand content with depth	
T-38	0-94	10YR 3/3	Dark brown	Silt loam	
T-39	0-80	10YR 4/3	Brown	Silt loam	Concrete and asphalt throughout probe, impenetrable at 80 cm; likely fill
T-40	0-67	10YR 3/2	Very dark grayish brown	Silt loam	1 pc plate glass at 0-20 cm
	67-160	2.5Y 5/4	Light olive brown	Silt	Rusty can fragments at 90-110 cm; auger at 100 cm
	160-165	10YR 3/6	Dark yellowish brown	Loamy sand	Dutch mud auger bit at 168 cm
	165-168	10YR 5/1	Gray	Silt	Halted by impenetrable cobble layer, probably glacial till
T-41	0-11	10YR 3/2	Very dark grayish brown	Silt	
	11-70	2.5Y 5/4	Light olive brown	Silt loam	Charcoal flecks at 30-65 cm
	70-122	2.5Y 4/3	Olive brown	Silt	Auger at 98 cm
	122-234	2.5Y 4/3 and 7.5YR 4/6	Olive brown/strong brown	Mottled silt	
T-42	0-32	2.5 Y 4/3	Olive brown	Silt loam	Charcoal and burnt earth at 28-78 cm
	32-240	2.5 Y 4/3	Olive brown	Loam (increased fine sand content)	Auger at 87 cm
T-43	0-53	10YR 4/4	Dark brown	Silt loam	Concrete at surface and throughout; impenetrable at 53 cm; road fill
T-44	0-115	10YR 3/2 and Gley 1 4/5G	Very dark grayish brown/dark greenish gray	Mottled silt	Auger at 105 cm; likely fill
	115-140	10YR 5/1 and 10YR 4/3	Gray/brown	Mottled silt	Likely fill
	140-200	10YR 3/1	Very dark gray	Peat with interbedded silt and sand	
	200-217	10YR 3/1	Very dark gray	Peat	
	217-219	Gley 1 4/5 G	Dark greenish gray	Silt	
	219-224	10YR 3/1	Very dark gray	Peat	
T-45	0-112	10YR 3/2	Very dark grayish brown	Silt	Auger at 100 cm
	112-130	Gley 1 4/5 G	Dark greenish gray	Silt	

## SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	130-144	10YR 3/1	Very dark gray	Peat	
T-46	0-64	2.5Y 5/3	Light olive brown	Silt loam	
	64-230	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Mottled silt loam	Auger at 90 cm
T-47	0-32	2.5Y 5/2	Grayish brown	Silt loam, compact	3 pcs clear glass, 3 wire nails, 1 pc copper pipe
	32-80	2.5Y 4/3	Olive brown	Sand	1 wire nail
T-48	0-58	2.5Y 3/2	Very dark grayish brown	Silt loam with iron oxide staining	2 wire nails, 1 pc clear glass, asphalt
	58-240	10YR 4/2	Dark grayish brown	Loam with iron oxide staining; sand grains finer and increasing clay inclusions with depth	Auger at 99 cm
T-49	0-47	2.5Y 5/2	Grayish brown	Silt loam	Asphalt and brick fragments at 65cm; .22 caliber shell case at 70 cm
	47-78	10YR 4/2	Dark grayish brown	Silt loam	Likely fill
	78-259	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Mottled silt loam	Auger at 90 cm; likely fill
T-50	0-29	2.5Y 5/2	Grayish brown	Silt loam, compact, ~60% rounded to subrounded pebbles, poorly sorted	
	29-180	2.5Y 4/3	Olive brown	Interbedded silt and clay	Plastic, clear glass fragments, amber glass fragments, and rock with pink spray paint at 0-50 cm; auger at 100 cm
T-51	0-42	2.5Y 5/2	Grayish brown	Silt, ~40% rounded to angular pebbles and cobbles	Asphalt at 40 cm
	42-235	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Mottled silt loam, compact	Auger at 90 cm
T-52	0-33	2.5Y 4/2	Dark grayish brown	Silt with iron oxide staining, ~30% rounded to angular pebbles and cobbles, poorly sorted	2 wire nails, brick fragments; likely fill
	33-135	2.5Y 4/1	Dark gray	Silt with increasing clay content and compactness with depth, ~30% rounded to angular pebbles and cobbles, poorly sorted	Auger at 80 cm
T-53	0-60	2.5Y 5/2	Grayish brown	Silt loam, ~30% rounded to angular pebbles and cobbles, poorly sorted	16d nail at 0-20 cm; asphalt at 40 cm; red brick fragments at 60 cm; likely fill
	60-257	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Mottled silt loam	Auger at 90 cm
T-54	0-26	2.5Y 5/2	Grayish brown	Silt loam, compact, ~20% rounded to subrounded pebbles, poorly sorted	
	26-180	2.5Y 4/3	Olive brown	Interbedded silt and clay, compact	
T-55	0-140	2.5Y 5/2	Grayish brown	Silt loam, ~30% rounded to angular pebbles and cobbles, poorly sorted	Red brick fragments, 10d wire nail, asphalt at 0-20 cm; auger at 88 cm
	140-145	10YR 3/2 and 10YR 4/6	Dark grayish brown/strong brown	Mottled silt	Possible buried A horizon
	145-250	2.5Y 5/3	Light olive brown	Silt loam	Possible low velocity stream deposit
T-56	0-28	2.5Y 5/2	Grayish brown	Silt loam, ~30% rounded to angular pebbles and cobbles, poorly sorted	Brick fragments
	28-81	10YR 4/4	Dark yellowish brown	Silt with iron oxide staining	Charcoal flecks
	81-180	2.5Y 5/2	Grayish brown	Silt with iron oxide staining	Auger at 100 cm
T-57	0-79	2.5Y 6/2	Light brownish gray	Silt loam, compact, ~25% rounded to subrounded pebbles, poorly sorted	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	79-120	2.5Y 4/3	Olive brown	Silt, ~50% rounded to subrounded pebbles, poorly sorted	Clear glass fragments 0-110; auger at 90 cm; likely fill
T-58	0-102	2.5Y 5/2	Grayish brown	Silt loam, ~30% rounded to angular pebbles and cobbles, poorly sorted; auger blocked by large cobble at 102 cm	Some ash and charcoal; increasing moisture at 30 cm; asphalt at 70 cm; auger at 85 cm
T-59	0-30	2.5Y 6/3	Light yellowish brown	Silt loam, ~30% rounded to angular pebbles and cobbles, poorly sorted	Modern debris; fill
	30-59	2.5Y 6/3 and Gley 1 4/10GY	Light yellowish brown	Loam mixed with clay chunks, ~30% rounded to angular pebbles and cobbles, poorly sorted	Fill
	59-140	Gley 1 4/10GY	Dark greenish gray	Silty clay loam, <5% rounded to angular pebbles and cobbles, poorly sorted	
T-60	0-33	10YR 3/2	Very dark grayish brown	Silt loam, ~80% rounded to angular pebbles and cobbles, poorly sorted	Concrete pipe fragment at 0-20 cm; asphalt chunks at 10-20 cm, similar to asphalt at surface; fill
T-61	0-37	10YR 5/3	Brown	Silt, Rounded to angular pebbles and cobbles, Rounded to angular pebbles and cobbles	Modern debris: green plastic fragments, black plastic fragments, styrofoam fragments, asphalt; fill
	37-103	10YR 5/3 and 7.5YR 4/6	Brown/strong brown	Mottled sandy loam, Fine gravels	1 pc black plastic; auger at 98 cm
	103-248	2.5Y 6/1 and 2.5Y 5/3	Gray/light olive brown	Gray silt alternating with fine sand with strong brown (7.5YR 4/6) mottles increasing with depth, ~10% rounded to subrounded pebbles	Deposits below fill appear to be flood plain over[??] deposits- [??] velocities associated with stream alignment to west; does not appear to be glacial till
T-62	0-37	10YR 3/2	Very dark grayish brown	Organic silt, ~20% rounded to subrounded pebbles, poorly sorted	1 large pc concrete in north wall at 26-36 cm
	37-105	10YR 5/1	Gray	Sand, ~30% rounded to subrounded pebbles, poorly sorted; cobbles impenetrable at 105 cm	Bits of yellow plastic to 50 cm; auger at 90 cm
T-63	0-21	10YR 3/1	Very dark gray	Silt	Light charcoal flecking
	21-44	2.5Y 4/1	Dark gray	Medium grained sandy loam	
	44-95	10YR 4/2	Dark grayish brown	Silt loam (fine sand), heavy organic content increasing with depth, <5% subrounded pebbles and cobbles	Auger at 80 cm; water at 90 cm
	95-105	Gley 2 5/10G	Greenish gray	Silt loam (medium sand)	
	105-160	2.5Y 3/1	Very dark gray	Medium to coarse sand, ~15% subrounded pebbles	
T-64	0-29	10YR 3/2	Very dark grayish brown	Silt	Bits of plastic tootsie roll ® packaging
	29-53	2.5Y 4/2	Dark grayish brown	Silt loam (fine sand); some gray mottling	1 pc black plastic; auger at 95 cm
	53-163	Gley 1 4N	Dark gray	Silt loam, ~10% rounded to subrounded pebbles, poorly sorted	
T-65	0-76	10YR 3/3	Dark brown	Sand, 80% gravels and cobbles, dense Impenetrable at 76 cm	Black plastic and asphalt pavement chunks throughout
T-66	0-125	10YR 4/3	Brown	Sandy loam, 80% gravels and cobbles, dense; decrease at 90 cm, but impenetrable at 125 cm	Black plastic, asphalt pavement, and concrete chunks at 0-50 cm; brown bottle glass fragment at 90 cm
T-67	0-28	2.5Y 4/2	Dark grayish brown	Silt loam (fine), ~10% poorly sorted gravels	
	28-36	2.5Y 5/4	Light olive brown	Coarse gravelly sand	Charcoal flecking
	36-56	10YR 3/1	Very dark gray	Silt, ~10% poorly sorted gravels	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	56-74	2.5Y 4/1	Dark gray	Silt with heavy iron oxide staining, ~15% subrounded gravels	
	74-105	Gley 1 4N	Dark gray	~25% subrounded gravels	
T-68	0-34	10YR 3/2	Very dark grayish brown	Silt loam, ~35% poorly sorted rounded to subrounded gravels	3 pcs clear glass at 0-34 cm
	34-105	2.5Y 4/3	Olive brown	Sandy loam, increasing compaction, ~40% poorly sorted rounded to subrounded gravels	
T-69	0-23	2.5Y 4/2	Dark grayish brown	Silt, ~15% subrounded gravels	
	23-62	2.5Y 5/4	Light olive brown	Mottled sandy loam (brown sand, gray silt), ~25% poorly sorted gravels	
	62-84	10YR 3/1	Very dark gray	Silt	No auger; wood obstructed base of hole
T-70	0-27	10YR 5/3	Brown	Silt loam, ~85% angular to subangular gravels, impenetrable at 27 cm	Road fill
T-71	0-32	10YR 3/2	Very dark grayish brown	Loam, ~35% rounded to subangular gravels and cobbles	
	32-105	10YR 3/3	Dark brown	Silt loam, ~25% rounded to subangular gravels and cobbles	
	105-122	10YR 3/1	Very dark gray	Mottled silt loam (with brown), ~5% rounded to subangular gravels, increasing with depth, impenetrable cobbles at 122 cm	Charcoal
T-72	0-40	10YR 3/2	Very dark grayish brown	Silt	Bits of plastic
	40-59	2.5Y 3/2	Very dark grayish brown	Sandy loam	
	59-125	Gley 1 4N	Dark gray	Sandy loam, ~25% poorly sorted rounded to subrounded gravels; gravels increasing with depth	
T-73	0-45	2.5Y 3/2	Very dark grayish brown	Silt	Charcoal flecks; plastic fragments at ~30 cm
	45-70	2.5Y 4/2	Dark grayish brown	Silt with iron oxide staining	Rubber fragment
	70-115	Gley 1 4N	Dark gray	Coarse sand, ~10% subrounded pebbles and cobbles	
T-74	0-77	2.5Y 4/2	Dark grayish brown	Silt, ~40% rounded to angular pebbles and cobbles	Probable fill; brown glass fragment at ~70 cm
	77-228	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Mottled silt	
T-75	0-86	2.5Y 4/3	Olive brown	Silt loam, ~20% poorly sorted subrounded to subangular pebbles and cobbles	Charcoal flecks; probable fill
	86-110	2.5Y 4/1	Dark gray	Silt, ~20% poorly sorted subrounded to subangular pebbles and cobbles	Auger at 100 cm; charcoal flecks; probable fill
T-76	0-11	10YR 3/2	Very dark grayish brown	Silt loam	
	11-67	2.5Y 5/3	Light olive brown	Silt loam, ~40% poorly sorted rounded to angular gravels	Brick and terra cotta fragments to 70 cm
	67-102	2.5Y 5/2	Grayish brown	Sandy loam, ~40% poorly sorted rounded to subrounded gravels	
T-77	0-26	10YR 3/2	Very dark grayish brown	Fine silt loam	Red brick fragments, green plastic wrapper at 10-20 cm
	26-60	10YR 3/1	Very dark gray	Fine silt loam	Concrete pipe fragments, red brick to 70 cm, Water at 56 cm
	60-93	2.5Y 3/1	Very dark gray	Medium to coarse sand	
T-78	0-27	10YR 2/2	Very dark brown	Silt, high amounts of organics	1 pc mily plastic, 1 bottle label
	27-60	10YR 5/1 and 7.5YR 4/6	Gray/strong brown	Mottled silty clay, moderate compaction	Water at 60 cm
	60-74	10YR 5/1	Gray	Sandy loam	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-79	0-25	10YR 3/2	Very dark grayish brown	Silt loam	
	25-76	2.5Y 3/1	Very dark gray	Coarse sand	Red brick fragment at 70 cm
	76-220	2.5Y 5/0	Gray	Silty clay	Auger at 100 cm; peat-like inclusions at 90 cm
T-80	0-9	10YR 4/3	Brown	Mottled silt loam and peat, loose compaction, <5% rounded pebbles	
	9-78	10YR 5/1	Gray	Mottled silt loam and peat, loose compaction, ~10% rounded pebbles	Auger at 70 cm; water at 40 cm, but drained with increasing depth
	78-180 180-220	10YR 5/1 10YR 5/1	Gray Gray	Silty clay, very dense compaction Silty clay loam, sand content increasing with depth	Water saturated Water saturated
T-81	0-14	10YR 3/2	Very dark grayish brown	Silt loam	Organics; visqueen plastic sheeting at 0-40 cm
	14-52	2.5Y 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled medium sand, <5% rounded to subrounded pebbles and cobbles	
	52-97	2.5Y 3/1	Very dark gray	Coarse sand	2 pcs clear glass at 90 cm; water at 80 cm
T-82	0-15	10YR 3/2	Very dark grayish brown	Sandy loam, moist, moderate compaction, ~15% rounded to subrounded pebbles	Organics, rootlets; A horizon
	15-65	10YR 5/1	Gray	Silt loam, lightly mottled, moderate compaction, <5% rounded to subrounded pebbles	Medium and large roots throughout; B horizon
T-83	0-32	10YR 3/2	Very dark grayish brown	Silt loam	Various bit of plastic at 0-32 cm
	32-56	2.5Y 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled medium sand	
	56-142	2.5YR 2.5/1	Reddish black	Peat	Water at 92 cm; auger at 96 cm
	142-185	2.5Y 3/1	Very dark gray	Silt loam	
T-84	0-22	10YR 3/2	Very dark grayish brown	Silt loam, ~15% rounded to subrounded pebbles	Rootlets
	22-76	10YR 3/2	Very dark grayish brown	Mottled silt loam, sandy loam interbedded with gley sandy clay	
	76-220	10YR 2/2	Very dark brown	Organic silt with coarse sand inclusions	Rootlets until 80 cm; auger at 100 cm; 1 pc plastic at 150 cm; water at 200 cm
	220-230	10YR 4/2	Dark grayish brown	Silty clay loam	
T-85	0-26	2.5Y 5/2	Grayish brown	Fine sand	Rubber fragment at 0-20 cm
	26-44	10YR 3/2	Very dark grayish brown	Organic silt	
	44-76	2.5Y 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled sandy loam	
	76-110	2.5Y 3/1	Very dark gray	Coarse sand, <5% pebbles	
T-86	0-17	10YR 4/3	Brown	Sandy loam, moderate compaction, ~25% rounded to subrounded pebbles	A horizon
	17-140	10YR 4/3	Brown	Medium coarse loamy sand, moderate compaction, ~25% rounded to subrounded pebbles	Auger at 100 cm
T-87	0-50	10YR 3/2	Very dark grayish brown	Organic fine silt loam	Black, clear plastic fragments at 0-25 cm
	50-78	2.5Y 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled sand	
	78-130	2.5Y 3/1	Very dark gray	Fine silt loam	Auger at 100 cm
	130-175	2.5YR 2.5/1	Reddish black	Peat	
	175-190	2.5Y 3/1	Very dark gray	Fine to medium sand, <5% rounded to subrounded pebbles	
190-225	2.5YR 2.5/1	Reddish black	Peat		

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	225-230	2.5Y 3/1	Very dark gray	Sand, moist	
T-88	0-36	10YR 4/3	Brown	Sandy loam, moderate compaction, ~10% rounded to subrounded pebbles	Moderate organics; recent trash and asphalt
	36-78	10YR 5/1	Gray	Silt loam, moderately dense compaction, ~10% rounded to subrounded pebbles	No organics
T-89	0-41	2.5Y 5/3	Light olive brown	Sandy loam, ~10% rounded to subrounded pebbles	No modern trash, but definitely fill
	41-81	2.5Y 5/3 and 10YR 5/1	Light olive brown/gray	Sandy loam with gray silty clay mottles, ~80% poorly sorted rounded to subrounded pebbles	No modern trash, but definitely fill
T-90	0-28	10YR 4/2	Dark grayish brown	Silt, <5% rounded to subrounded pebbles	
	28-71	2.5Y 4/3	Olive brown	Silt with iron oxide staining, grading to strong brown (7.5YR 4/6) silt loam	
	71-155	Gley 1 4N	Dark gray	Fine to medium loamy sand	Auger at 98 cm
	155-180	Gley 1 4N	Dark gray	Silt	Water at 175 cm
T-91	0-22	10YR 3/2	Very dark grayish brown	Sandy loam	
	22-46	10YR 2/2	Very dark brown	Sandy loam, ~10% poorly sorted rounded to subrounded pebbles	
	46-110	7.5YR 6/3 and 2.5YR 6/3	Light brown/light reddish brown	Mottled sand, ~10% poorly sorted rounded to subrounded pebbles	Glass and plastic debris at 0-60 cm
	110-164	Gley 1 4N	Dark gray	Interbedded sands and silts	
T-92	0-49	10YR 4/2	Dark grayish brown	Silt, ~15% rounded to subrounded pebbles	Charcoal flecks; plastic, concrete at 0-30 cm
	49-125	2.5Y 6/0	Gray	Silt with iron oxide staining, staining increases with depth	Auger at 100 cm
	125-180	Gley 1 4N	Dark gray	Silt	
T-93	0-22	10YR 3/2	Very dark grayish brown	Fine silt loam	Brick fragments and plastic at 0-40 cm
	22-40	2.5Y 5/3 and 7.5YR 4/6	Light olive brown/strong brown	Mottled sandy loam, <5% rounded to subrounded pebbles	
	40-165	Gley 1 5B 5/1 and Gley 1 4N	Bluish gray/gray	Interbedded gley sands and silt, <5% poorly sorted rounded to subrounded pebbles	Auger at 105 cm
T-94	0-61	10YR 4/2	Dark grayish brown	Silt, <5% poorly sorted rounded to subrounded pebbles and cobbles	Charcoal flecks
	61-74	10YR 4/2	Dark grayish brown	Silt	Heavy woody debris
	74-105	10YR 6/1	Gray	Silt with moderate iron oxide staining	Auger at 95 cm
	105-180	Gley 1 5N	Gray	Silty clay loam	Organic inclusions
T-95	0-10	10YR 4/2	Dark grayish brown	Silt, dense compaction, dry, ~20% rounded to subrounded pebbles	Young surface
	10-37	10YR 4/2	Dark grayish brown	Mottled silt, dense compaction, dry, ~20% rounded to subrounded pebbles	
	37-90	10YR 3/2	Very dark grayish brown	Silty clay loam, very dense compaction, dry, ~20% rounded to subrounded pebbles	Auger at 68 cm
	90-98	10YR 6/1	Gray	Silty clay loam, very dense compaction, dry, ~25% rounded to subrounded pebbles	
T-96	0-130	10YR 5/6; 2.5Y 5/2; and 2.5 Y 4/1	Yellowish brown/grayish brown/light olive brown	Mottled silt loam, ~60% poorly sorted rounded to angular pebbles and cobbles; rocks decrease to 20% at 60-120 cm, increase to impenetrable at 130 cm	Auger at 87 cm; asphalt chunks to 60 cm
T-97	0-26	10YR 4/2	Dark grayish brown	Silt, dense compaction, dry, ~25% rounded to subrounded pebbles	Young surface
	26-57	10YR 4/2	Dark grayish brown	Mottled silt, dense compaction, dry, ~20% rounded to subrounded pebbles	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	57-110	10YR 4/2	Dark grayish brown	Silty clay loam, very dense compaction, dry, ~25% rounded to subrounded pebbles	Auger at 80 cm; scraped surface, no recent trash
T-98	0-42	10YR 4/2	Dark grayish brown	Silt loam; very dense compaction, dry, ~65% rounded to subrounded pebbles and cobbles, No soil formation; disturbed	No soil formation; disturbed; plastic, recent nails, ceramics, bottle glass
	42-85	10YR 4/2	Dark grayish brown	Silt loam, moderately dense compaction, moist	No historic or recent artifacts
T-99	0-55	2.5Y 6/2	Light grayish brown	Fine silt loam, ~90% poorly sorted rounded to subrounded pebbles and cobbles	Probably fill
	55-100	2.5Y 4/2	Dark grayish brown	Fine silt loam, ~50% poorly sorted rounded to subrounded pebbles and cobbles	Probably fill
T-100	0-65	2.5Y 5/3	Light olive brown	Fine silt loam, ~50% poorly sorted rounded to subangular pebbles and cobbles	Asphalt, 2 ceramic fragments at 0-55 cm; probably fill
	65-99	2.5Y 4/2	Dark grayish brown	Fine silt loam with gray silt inclusions, ~20% poorly sorted rounded to subrounded pebbles	
T-101	0-26	10YR 3/2	Very dark grayish brown	Fine silt loam, ~10% poorly sorted rounded to subangular pebbles	
	26-68	2.5Y 4/4	Dark yellowish brown	Silt, ~40% poorly sorted rounded to subangular pebbles	2 pcs clear glass at 50 cm
	68-100	2.5Y 4/2	Dark grayish brown	Loam, ~70% poorly sorted rounded to subangular pebbles	
T-102					Not excavated; area lined with asphalt
T-103	0-10	2.5YR 2.5/1	Black	Medium sand	Asphalt underlying 10 cm of black sand
T-104	0-26	10YR 3/3	Dark brown	Medium sand, ~95% poorly sorted rounded to angular pebbles and cobbles	Fill; possible WSDOT testing area
T-105	0-51	10YR 3/3	Dark brown	Medium sand, ~95% poorly sorted rounded to angular pebbles and cobbles	Fill; possible WSDOT testing area
T-106	0-60	2.5Y 5/2	Grayish brown	Silt loam, ~40% poorly sorted rounded to subangular pebbles and cobbles	Probably fill
	60-108	2.5Y 4/2 and 10YR 3/3	Dark grayish brown/dark brown	Mottled coarse sand with loam inclusions; less compact than above	Probably fill
T-107	0-14	10YR 3/2	Very dark grayish brown	Silt	Blue plastic fragments in 0-30 cm
	14-60	Gley 1 4/10Y	Dark greenish gray	Silty clay (some mottles of 2.5YR 5/4 reddish brown)	
	60-81	2.5YR 2.5/1	Black	Peat	
T-108	0-23	2.5Y 5/3	Light olive brown	Sandy loam	
	23-36	2.5Y 6/2	Light brownish gray	Silt with iron oxide staining	
	36-115	2.5Y 3/1	Very dark gray	Silt with high organic content and woody debris	Auger at 100 cm
	115-160	2.5Y 6/0	Gray	Silt loam with moderate iron oxide staining, ~15% subrounded pebbles	
	160-180	Gley 1 5N	Gray	Fine silt loam	
T-109	0-80	2.5Y 4/3	Olive brown	Fine sandy loam, ~30% poorly sorted rounded to angular pebbles; 1 large cobble at 10-30 cm	1 pc tar, 1 pc amber glass at 0-40 cm
	80-170	2.5YR 2.5/1	Black	Interbedded dark organic silts and peat	Auger at 100 cm
T-110	0-130			Rocky fill	Asphalt to 50 cm; styrofoam coffee cup fragments to 90 cm
T-111	0-23	2.5Y 5/2	Grayish brown	Silt loam, moderate compaction, slightly moist	Few small roots; A horizon
	23-47	2.5Y 4/2 and 10YR 3/3	Dark grayish brown/dark brown	Mottled silt loam mixed with above stratum	
	47-104	2.5YR 2.5/1	Black	Peat	Auger at 100 cm; water at 104 cm
	104-240	Gley 1 5N and 2.5Y 6/2	Gray/light brown	Mottled silt loam becoming sandy loam; horizons of light brownish gray silty clay throughout	
T-112	0-42	2.5Y 5/2	Grayish brown	Silt loam, moderate compaction, slightly moist	Many small roots; A horizon

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	42-84	2.5Y 5/0	Gray	Mottled silty clay loam, moderate compaction, moist	
	84-190	2.5Y 4/1	Dark gray	Interbedded sand and silt, dense compaction	Auger at 80 cm; water at 100 cm
T-113	0-165	2.5YR 2.5/1	Black	Interbedded dark organic silts and peat, loose, unconsolidated, <5% rounded pebbles	Auger at 105 cm; likely fill
T-114	0-98	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam, Very few gravels till over 1 m deep 0-1% then few	Probably fill
T-115	0-140			Unconsolidated fill	Auger at 110 cm; garbage to 50 cm
T-116	0-80	10YR 3/3	Dark brown	Sand, dense, ~85% poorly sorted rounded to angular pebbles and cobbles	
	80-86	10YR 4/1	Dark gray	Sandy loam	
	86-92	10R 2.5/1	Reddish black	Peat, ~15% gravels	
	92-170	2.5Y 4/1	Dark gray	Alternating dark gray sand with reddish black peat (at 116-130 cm, 150-160 cm)	Auger at 100 cm
	170-233	10R 2.5/1	Reddish black	Peat	Strong odor
	233-264	2.5Y 3/3	Dark olive brown	Peat	Strong odor
T-117	0-39	10YR 3/2	Very dark grayish brown	Fine silt loam	
	39-80	10YR 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled coarse sand, ~70% poorly sorted rounded to subrounded pebbles	
	80-104	10YR 4/1	Dark gray	Interbedded silt and medium sand	Water at 104 cm
T-118	0-42	10YR 3/2	Very dark grayish brown	Fine silt loam	
	42-54	2.5Y 4/1	Dark gray	Silt loam	
	54-176	2.5Y 4/1	Dark gray	Coarse sand trending to medium with depth, ~70% poorly sorted rounded to subrounded pebbles, decreasing with depth	Auger at 100 cm
	176-182	10R 2.5/1	Reddish black	Peat	
T-119	0-140	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam, very few gravels till over 1 m deep 0-1% then few	1 pc aluminium foil at 0-20 cm; auger at 110 cm
T-120	0-159	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam	
	159-168	10R 2.5/1	Reddish black	Peat	
T-121	0-140	10YR 3/3	Dark brown	Silt clay loam, <5% rounded pebbles	Surface is dense reed canary grass; auger at 100 cm; unconsolidated fill
	140-145	2.5Y 3/3	Dark olive brown	Peat	
	145-162	10YR 4/1	Dark gray	Coarse sand and pebbles	
T-122	0-130	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam	Auger at 90 cm
	130-156	2.5Y 4/1 and 10R 2.5/1	Dark gray/Reddish black	Alternating dark gray sand with reddish black peat	"All fill"
T-123	0-140	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam, ~15% rounded pebbles and cobbles	Auger at 98 cm
	140-210	Gley 1 6/5GY and 10YR 4/2	Greenish gray/dark grayish brown	Mottled silt loam, <5% rounded to subrounded pebbles	
	210-228	10YR 4/1	Dark gray	Silt	
T-124	0-90	2.5Y 4/2	Dark grayish brown	Unconsolidated fill	70-90 cm may be glacial till

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-125	0-90	2.5Y 4/2	Dark grayish brown	Unconsolidated fill	
	90-125	2.5Y 4/1 and 2.5YR 2.5/1	Dark gray/black	Alternating dark gray clay with peat	Water at 90 cm; auger at 100 cm; fill
	125-190	2.5YR 2.5/1	Black	Peat	
	190-220	Gley 1 5N	Gray	Clay	
T-126	0-120	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam (fill), <5% rounded to subrounded pebbles and cobbles	Fill; window glass at 86 cm
	120-185	10R 2.5/1	Reddish black	Peat	
	185-190	10YR 6/1	Gray	Silt loam	
	190-210		Black/gray/Brown	Interbedded peat, sand, silt	
T-127	0-45			Fill, ~15% well sorted rounded pebbles	Fill
	45-175	2.5YR 2.5/1	Black	Peat	
	175-195	10YR 6/1	Gray	Silt loam	
	195-210	2.5YR 2.5/1	Black	Peat	
T-128	0-210	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam (fill)	Fill
	210-262	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, sand	
T-129	0-120	10YR 3/2; 10YR 4/6; 2.5Y 5/4; and Gley 1 6/5GY	Very dark grayish brown/dark yellowish brown/light olive brown/greenish gray	Silt loam (fill)	Fill
	120-146	10YR 4/1	Dark gray	Silt mixed with peat	"Also fill, full of clods"
	146-160	2.5YR 2.5/1	Black	Peat	
	160-177	10R 2.5/1	Reddish black	Peat	
T-130	0-20			Root mass	Water at 20 cm
	20-40			Silt and gravel fill	
	40-233	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, sandy clay loam, rounded pebbles	Auger at 60 cm; "Apparently fill to the base of the auger probe"
T-131	0-75			Fill	2-inch PVC pipe at 0-10 cm
	75-120		Gray	Sandy loam	Auger at 102 cm; water at 110 cm; fill
	120-172	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, sandy clay loam	Fill
T-132	0-150	10YR 4/3; 2.5Y 6/2; and Gley 1 5N	Brown/light brown/gray	Mottled silt loam, ~25% poorly sorted rounded to subrounded pebbles and cobbles	
	150-254	10R 2.5/1 and 10YR 6/1	Reddish black/gray	Interbedded peat, sandy clay loam	
T-133	0-210			Fill	Crushed gravel at 200 cm
	210-264	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, sandy clay loam	Water at 260 cm
T-134	0-190			Sandy loam, A few rounded to subrounded pebbles	"Appears to be fill"
	190-220	2.5YR 2.5/1	Black	Peat	
	220-226	Gley 4N	Dark gray	Clay	
T-135	0-157			Fill	"Peat and silt mixture zone at 97-100 or so"
	157-208	10R 2.5/1 and 10YR 4/1	Reddish black/dark gray	Interbedded peat, sandy loam	
	208-233	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, silt	"All fill or at least disturbed to bottom"
T-137	0-170			Fill; mixed peat at 97-100 cm; still mixed peat, sand and silt	Auger at 103 cm

## SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-138	0-130	10YR 4/3	Brown	Sandy loam, ~10% poorly sorted rounded to subangular pebbles	Auger at 100 cm; fill
T-139	0-100	2.5Y 4/2	Dark grayish brown	Fill	Auger at 90 cm
	100-105	2.5YR 2.5/1	Black	Peat	Water at 100 cm
	105-160	2.5Y 4/2	Dark grayish brown	Fill	
	160-175	10YR 4/1	Dark gray	Coarse sand	Charcoal flecks
T-140	0-50	10YR 3/3	Dark brown	Silt	
	50-220	10YR 6/1; 10YR 3/3; and 7.5YR 4/6	Gray/dark brown/strong brown	Mottled silty clay	Auger at 100 cm; sediment in this probe appears to be fill/disturbed from top to bottom
T-141	0-177			Fill	Auger at 118 cm
T-142	0-200	10YR 6/1 and 10YR 4/3	Gray/Brown	Mottled silty loam	Auger at 100 cm; fill
T-143	0-142	2.5Y 4/2	Dark grayish brown	Fill	Auger at 95 cm
	142-146	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, silt and sand	Fill
T-144	0-215	2.5YR 2.5/1; 10YR 6/1; and 7.5YR 4/6	Black/gray/strong brown	Interbedded peat and mottled silty clay, <5% rounded to subrounded pebbles and cobbles	Auger at 100 cm; water at 100 cm; fill
T-145	0-73	10YR 2/1	Black	Fill, <1% rounded to subrounded pebbles and cobbles	Very organic, humus
	73-128	10R 2.5/1	Reddish black	Peat, <1% rounded to subrounded pebbles and cobbles	Auger at 120 cm "Possible natural peat Still considered fill
T-146	0-105	10YR 4/3; 2.5Y 6/2; and Gley 1 5N	Brown/light brown/gray	Mottled silt loam	Water at 96 cm
	105-130	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, silt and sand	Laminated fill
	130-222	10R 2.5/1 and 2.5Y 3/3	Reddish black/dark olive brown	Mottled peat	Possibly natural
T-147	0-155			Fill	Auger at 100 cm
T-148	0-12	10YR 3/2	Very dark grayish brown	Silt	"The sediment in this probe is fill material to the bottom of the auger shaft (!)"
	12-40	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silty clay	
	40-115	2.5YR 2.5/1	Black	Peat	Auger at 110 cm "dark brown peaty silt"
	115-233	10YR 6/1 and 2.5Y 2.5/1	Gray/Black	Clay with peat	
T-149	0-99			Typical fill	
	99-220	10R 2.5/1	Reddish black	Peat	Auger at 119 cm Water at 220 cm Some wood and clods Still disturbed peat, likely natural substrate
	220-229	10R 2.5/1	Reddish black	Peat	No disturbed/fill clods; possibly base of disturbed peat
T-150	0-150			Fill	Becoming more silty and gravelly with depth; ended because of large cobble
T-151	0-115			Typical fill	Auger at 106 cm
	115-260	2.5Y 3/3; 10YR 6/1; 7.5YR 4/6	Dark olive brown/gray/strong brown	Peat with gray silt with strong brown mottles	

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Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-152	0-27	7.5YR 6/3	Light brown	Organic rich silt	Auger at 100 cm
	27-240	10YR 3/3	Dark brown	Peaty silt, 1% rounded pebbles	All fill
T-153	0-220			Typical fill	Auger at 106 cm
	220-226	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, silt and sand	
T-154	0-110			Fill	Auger at 105 cm
	110-130			Peat	Fill throughout
T-155	0-156			Typical fill	
	156-200	10R 2.5/1; 10YR 6/1; and 2.5Y 3/3	Reddish black/gray/dark olive brown	Interbedded peat, silt and sand	
	200-250	10YR 4/3; 10YR 6/1; 5GY 5/1; 10YR 2.5/1	Brown/gray; Greenish gray; reddish black	Mottled silt with sand and peat	Auger at 97 cm; wood fragments and charcoal flecks
T-156	0-45	10YR 5/2	Grayish brown	Silt, 30-40% rounded pebbles	
	45-46	10YR 6/10	Gray	Clayey silt	Very compact
T-157	0-75	10YR 5/2	Grayish brown	Silt loam, 75-85% rounded to angular	Very compact; fill
T-158	0-80			Sandy loam, 10% poorly sorted rounded to angular	Fill; 2 chunks dried tar, 1 chunk asphalt; ended because of large wood chunk
T-159	0-52	10YR 3/2	Very dark grayish brown	Silt (with interbedded sand at 25-30 cm)	Roots and few gravel throughout
	52-90	10YR 4/1	Very dark gray	Silt	Water at 90 cm
	90-130	10YR 4/1	Very dark gray	Medium grained sand, Pea gravels to 2 cm	
	130-142	2.5YR 2.5/1; 10YR 4/1	Reddish black/Very dark gray	Peat with medium grained sand (above)	
T-160	0-84		Brownish gray	Gravelly silt, Gravels throughout, occasional cobbles	Extremely compact fill
T-161	0-10	10YR3/2	Very dark grayish brown	Gravelly fill	Large, dense impenetrable roots on top of compact fill
T-162	0-108	10YR 5/2	Grayish brown	Medium to coarse grained sand, 40% poorly sorted rounded to angular gravel	Concrete, asphalt and modern trash debris to 70 cm
T-163	0-100		Gray	Clayey silt	Fill from top to bottom
T-164	0-24			Fill	Extremely compact
T-165	0-43			Fill, Gravel and chunks of asphalt throughout	Extremely compact; 1 piece amber glass at 37 cm
T-166	0-55		Light grayish brown	Fill with 90% rounded to angular	Chunks of asphalt throughout, 1 pc brown glass at 0-30 cm; obvious fill
T-167	0-15		Brown	Silt	
	15-74		Gray	Silty clay, 10% rounded pebbles	Very compact at interface
	74-106		Brown	15% rounded pebbles	
	106-160		Gray	Silty clay, 25% rounded pebbles	Sediment appears to be fill material as evidence by a small amount of mixture of sediments
T-168	0-68	10YR 3/3	Dark brown	Silt loam, 50% poorly sorted angular gravel; roots throughout; dense cobbles and large roots throughout	Gravelly fill, white plastic sheet at 50 cm in south profile
T-169	0-33	2.5Y 4/1	Dark gray	Silt loam (fine), 25% poorly sorted rounded to subangular gravel	Possible colluvium from slope of 520 west-bound off ramp

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	33-66	2.5 Y 4/2	Dark grayish brown	Silt loam (coarse sand), 25% poorly sorted rounded to subangular gravel	
	66-85	2.5Y 5/1	Gray	Silt loam (medium to coarse sand), 50% poorly sorted rounded to subangular gravel	Likely glacial drift/till
T-170	0-20	10YR 3/3	Dark brown	Silt loam (very fine sand), 30% subrounded to rounded pebbles	
	20-36	7.5YR 6/3	Light brown	Silt loam (coarse sand), 40% subrounded to rounded pebbles	
	36-90	2.5Y 4/3	Olive brown	Sandy loam, 50% subrounded to rounded pebbles	Very compact; likely glacial drift/till
T-171	0-18	10YR 3/3	Dark brown	Organic rich silt	O horizon
	18-140	2.5Y 5/1	Gray	Silt loam, 30% subrounded to rounded pebbles, oil is interbedded with some levels having more sand content, others more silt content; sediments appear to be fairly recent alluvium	Water at 57 cm; auger at 80 cm; styrofoam, modern brown bottle glass, plastic food wrapper at 0-80 cm;
T-172	0-14	10YR 3/3	Dark brown	Sand	Developing O horizon; organics, roots, humus, and some recent alluvial sands
	14-65	10YR 3/2	Very dark grayish brown	Fine grained sand	Clear plastic, styrofoam, cellophane between 14-65 cm; recent alluvial deposits from upstream culvert drainage
	65-120	10YR 5/1	Gray	Silt loam, 30% gravels	Auger at 100 cm; clear plastic, styrofoam packing peanuts between 100-120 cm
T-173	0-9	10YR 2/2	Very dark brown	Silt loam (fine sand), 30% subrounded to rounded pebbles	A horizon
	9-19	7.5YR 4/6	Strong brown	Silt loam (fine sand), 30% subrounded to rounded pebbles	Root throughout; B horizon
	19-73	2.5YR 6/2	Light brownish gray	Silt loam, 30% subrounded to rounded pebbles	Glacial drift/till
T-174	0-19	10YR 3/1	Very dark grayish brown	Silt loam	
	19-50	10YR 5/1	Gray	Medium to coarse sand and gravel, 40% subrounded to rounded pebbles	Recent alluvial development; clear plastic, orange flag fragments; large log fragment at 22-40 cm
	50-98	10YR 5/1	Gray	Gravelly silt loam	Pc clear plastic
T-175	0-60	2.5Y 4/2	Dark grayish brown	Silt loam (fine sand), 70% poorly sorted pebbles to medium cobbles	Asphalt, modern amber glass between 20-30 cm; concrete across bottom of probe
T-176	0-20	10YR 2/2	Very dark brown	Silt loam, <5% gravels	Many fine roots
	20-45	10YR 5/8; 5Y 4/2	Yellowish brown/olive gray	Mottled coarse sand, <1% gravels	East side of pit only; 3 pieces white fire brick at 40 cm; a few fine roots
	45-80	10YR 2/1	Black	Peat	
T-177	0-17	10YR 3/2	Very dark grayish brown	Silt	
	17-53	2.5Y 4/1	Dark gray	Silt loam	1 pc brick fragment; likely fill to 53 cm
	53-62	10YR 2/1	Black	Peat	
	62-83	2.5Y 5/1	Gray	40% poorly sorted rounded to subangular gravels	Possibly till

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-178	0-55	10YR 3/2	Very dark grayish brown	Silt loam (fine sand), <10% poorly sorted subrounded gravels	Many roots; asphalt at 50 cm
	55-87	2.5Y 4/3	Olive brown	Silt loam (fine sand), 50% poorly sorted subrounded gravels to cobbles	
T-179	0-40	2.5Y 3/3	Dark olive brown	Silt loam, 15% subangular to rounded pebbles to cobbles	Very hard and compact
	40-82	10YR 2/2	Very dark brown	Sandy loam, <1% gravels	Loose compaction; a log runs across part of the probe
	82-140	2.5Y 4/2	Dark grayish brown	Silt loam	
	140-145	Gley 1 4/1	Dark greenish gray silt	Silt	Very compact
T-180	0-45	2.5Y 4/2	Dark grayish brown	Silt loam, <5% gravels	
	45-120	2.5Y 4/2	Dark grayish brown	Loam	Asphalt chunks and amber glass between 0-70 cm
	120-160	2.5Y 4/2	Dark grayish brown	Sandy loam with gray silt clasts	Likely fill to 160 cm
T-181	0-30	10YR 3/3	Dark brown	Silt loam, <1% gravels	Many coarse and fine roots
	30-50	10YR 4/1; 10YR 5/4	Dark gray/yellowish brown	Mottled sand, 90% subrounded to rounded pebbles to large cobbles	Glacial drift/till
T-182	0-38	10YR 4/3	Brown	Silt loam, 40% poorly sorted subrounded pebbles to medium cobbles	
	38-82	2.5Y 5/4	Light olive brown	Silt loam (fine), 40% poorly sorted subrounded pebbles to medium cobbles	
T-183	0-20	10YR 4/3	Brown	Silt loam (fine), 20% poorly sorted rounded to subrounded gravels	
	20-80	2.5Y 5/4	Light olive brown	Silt loam, 30% poorly sorted rounded to subrounded gravels	Likely glacial drift/till
T-184	0-22	10YR 4/3	Brown	Silt loam (fine), 20% poorly sorted rounded to subrounded gravels	All natural soil, no fill
	22-100	2.5Y 5/4	Light olive brown	Silt loam, 30% poorly sorted rounded to subrounded gravels	The Hunt's Point, Yarrow Point landforms may be drumlins and the 20-100 cm stratum could be glacial till
T-185	0-40	10YR 4/3	Dark brown	Silt loam, 15% poorly sorted subangular to subrounded gravels	
	40-80	2.5Y 5/4	Dark olive brown	Silt loam, 30% poorly sorted rounded to subrounded gravels	This stratum starts at 25 cm on one side of probe
T-186	0-12	10YR 4/3	Dark brown	Silt loam, 25% poorly sorted subangular to subrounded gravels	Many fine and coarse roots
	12-70	2.5Y 5/4	Light olive brown	Silt loam, 25% poorly sorted subangular to subrounded gravels	Many fine and coarse roots; it seems possible that this area was graded; the till seems unusually close to the surface and may have been cut into
T-187	0-31	10YR 4/3	Brown	Silt loam, 35% poorly sorted subrounded gravels to cobbles	Loose compaction
	31-80	2.5Y 5/4	Light olive brown	Silt loam (fine), 55% poorly sorted subrounded gravels to cobbles	Sediment becomes slightly grayer with increased depth
T-188	0-8	10YR 4/3	Brown	Silt loam, 10% poorly sorted subangular to subrounded pebbles	Some fine and a few coarse roots
	8-90	2.5 Y 5/4	Light olive brown	Silt loam, 10% poorly sorted subangular to subrounded gravels to cobbles	Auger at 40 cm; at 90 cm, a 2.5Y 4/4 red sediment appeared in hole

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-189	0-37	10YR 4/4	Dark yellowish brown	Silt loam (fine sand), <5% subrounded gravels	
	37-75	10YR 5/4	Light olive brown	Silt loam (fine sand), <5% subrounded gravels	Increasing compaction with depth
	75-80	2.5YR 5/2	Grayish brown	Silt, 10% poorly sorted subangular to subrounded gravels to cobbles	Moderately compact; slight iron oxide staining
T-190	0-15	2.5Y 4/2	Dark grayish brown	Silt loam, <5% poorly sorted subangular to subrounded gravels	
	15-76	2.5Y 5/3	Light olive brown	Silt loam, 10% poorly sorted subangular to subrounded gravels	
	76-93	2.5Y 5/2	Grayish brown	Silt loam, 10% poorly sorted subangular to subrounded gravels	Very compact
T-191	0-18	10YR 4/3	Dark brown	Silt loam, 10% subrounded gravels	Many fine roots, some coarse roots; compact
	18-60	2.5Y 5/4	Light olive brown	Sandy loam, 10% subrounded gravels	Some coarse roots; compact
	60-70	2.5Y 6/3	Light yellowish brown	Sandy clay loam, 5% subrounded gravels	Compact, blocky structure; few roots
T-192	0-45	2.5Y 6/3	Light yellowish brown	Silt, <5% subrounded gravels	A few roots in upper 10 cm; highly compact
T-193	0-14	10YR 3/2	Very dark grayish brown	Silt loam, 20% poorly sorted rounded to angular gravels	Roots present
	14-50	10YR 5/4	Yellowish brown	Silt loam (fine sand), 40% poorly sorted rounded to angular gravels	
T-194	0-10	10YR 3/2	Very dark grayish brown	Silt loam, 20% poorly sorted rounded to angular gravels	Many large roots
	10-43	10YR 5/4	Yellow brown	Silt loam (fine sand), 40% poorly sorted rounded to angular gravels	Halted due to large roots
T-195	0-13	10YR 3/2	Very dark grayish brown	Silt loam, 20% poorly sorted rounded to angular gravels	Roots and rootlets present
	13-53	10YR 5/4	Yellow brown	Silt loam (fine sand), 40% poorly sorted rounded to angular gravels	
T-196	0-30	10YR 3/3	Dark brown	Sandy loam, <5% gravels	Surface had remnants of rotten tree; many fine roots
	30-80	2.5Y 4/3	Light olive brown	Sandy loam, 10% pebbles to cobbles	Some fine and coarse roots
T-197	0-27	10YR 3/3	Dark brown	Silt loam (fine sand), 15% poorly sorted subrounded pebbles	Some small and fine roots
	27-79	2.5Y 4/3	Light olive brown	Silt loam (fine sand), 20% poorly sorted subrounded pebbles	Glacial drift/till
T-198	0-28	10YR 3/3	Dark brown	Silt loam (fine sand), 15% poorly sorted subrounded pebbles	Many small and fine roots
	28-55	2.5Y 4/3	Light olive brown	Silt loam (fine sand), 15% poorly sorted subrounded pebbles to small boulders	Glacial drift/till
	55-60	10YR 6/2	Light brownish gray	Silt loam (fine sand), 20% poorly sorted rounded to angular gravels	Glacial drift/till; loose compaction
T-199	0-21	10YR 3/2	Very dark grayish brown	Silt loam, 30% rounded to subrounded gravels	
	21-62	2.5Y 4/3	Light olive brown	Silt loam (fine sand), 50% rounded to subrounded gravels	Glacial till with dense gravels. Roots throughout.
T-200	0-20	10YR 3/3	Dark brown	Sandy loam, 10% pebbles	Some fine and coarse roots
	20-50	2.5Y 5/4	Light olive brown	Sandy loam (coarse sand), 10% pebbles	Glacial drift/till; some coarse roots
T-201	0-25	10YR 3/3	Dark brown	Silt loam (fine sand), 15% poorly sorted subrounded pebbles to small cobbles	A few small roots
	25-60	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 25% poorly sorted subrounded pebbles to medium cobbles	Loose compaction; a few roots
T-202	0-12	10YR 3/3	Dark brown	Silt loam, 30% pebbles	Thick forest duff; many coarse roots
	12-35	2.5Y 5/4	Light olive brown	Sandy loam, 30% pebbles to cobbles	Glacial drift/till; some fine and coarse roots
T-203	0-22	10YR 3/3	Dark brown	Silt loam (fine sand), 25% poorly sorted subrounded pebbles to small cobbles	Many small and fine roots
	22-70	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 30% poorly sorted subrounded pebbles to medium cobbles	Glacial drift/till; few small roots

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-204	0-21	10YR 3/3	Dark brown	Silt loam, <5% gravels	Many fine and some coarse roots
	21-50	2.5Y 5/4	Light olive brown	Sandy loam, 25% pebbles and cobbles	Large coarse roots; but had to stop because of impenetrable roots across probe
T-205	0-31	10YR 3/3	Dark brown	Silt loam (fine sand), 30% poorly sorted subrounded pebbles to small cobbles	Many small roots
	31-80	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 25% poorly sorted subrounded pebbles to medium cobbles	Glacial drift/till; few small roots
T-206	0-14	10YR 3/2	Very dark grayish brown	Sandy loam, 65% angular pebbles	Many fine roots
	14-53	10YR 5/2	Grayish brown	Silt loam, 45% subangular to subrounded pebbles to cobbles	Highly compact; few roots
	53-68	2.5Y 4/2	Dark grayish brown	Loamy sand (fine sand), 30% subangular to subrounded pebbles to cobbles	No roots
T-207	0-65	10YR 3/3	Dark brown	Silt loam, 75% rounded to angular gravels to cobbles	Road fill for Lake Washington blvd. Clear glass, blue plastic, asphalt chunks, and red plastic at 0-35 cm.
T-208	0-100			Quarry spall/rip-rap at surface; auger at 80 cm	Plastic, amber glass Owen-Illinois (1953) liquor bottle, brick fragments
T-209	0-14	10YR 4/2	Dark grayish brown	Silt loam, 10% subangular to subrounded pebbles	Some fine roots
	14-63	2.5Y 5/4	Light olive brown	Sandy loam, 25% subangular to subrounded pebbles	Amber bottle glass fragments, brick fragments; road gravel fill was encountered at ~60 cm; mottled reddish sediment appeared ~63 cm
	63-120	2.5Y 5/4	Light olive brown	Sandy loam, 40% angular to subrounded pebbles and subrounded cobbles	Auger at 85 cm; platy structure; some fine roots
T-210	0-70	2.5Y 4/3	Light olive brown	Fill, 20% poorly sorted subrounded pebbles	1 glass fragment; concrete across bottom of probe
T-211	0-50			Fill, 20% poorly sorted subrounded pebbles	Very hard fill with chunks of tar and pavement; very compact
	50-80			Medium to coarse sand and asphalt	Fill
T-212	0-14	10YR 3/3	Dark brown	Silt loam (fine sand), 15% poorly sorted angular gravels	2 pcs glass, 1 brick fragment
	14-35	2.5Y 4/3	Light olive brown	Silt loam (fine sand), 50% poorly sorted angular gravels	Asphalt, large metal bolt; road bed
	35-61	2.5Y 4/3	Light olive brown	Medium grained sand, pea gravels to 2 cm	1 red glass fragment (car tail light)
T-213	0-30	2.5Y 4/3	Light olive brown	Silt loam (fine sand), 10% poorly sorted angular to rounded gravels	
	30-33	2.5Y 6/2	Gray	Silt loam (fine sand) with ash, 25% pea sized gravel	
	33-64	2.5Y 4/3	Light olive brown	Silt loam (fine sand), 10% poorly sorted angular to rounded gravels	
T-214	0-8	10YR 4/2	Dark grayish brown	Silt loam (fine sand), 10% poorly sorted subrounded pebbles	Fill
	8-16	2.5YR 5/2	Grayish brown	Silt loam (fine sand), 10% poorly sorted subrounded pebbles	Fill
	16-50	2.5Y 4/3	Light olive brown	Sandy loam (poorly sorted sand), 20% poorly sorted subrounded pebbles	2 tile fragments, 1 clear window glass fragment, charcoal
	60-70	10YR 3/2	Very dark grayish brown	Silt, small boulder at 60 cm	Lots of organics
	70-101	10YR 5/1	Gray	Silt loam (fine sand), 20% poorly sorted sub-rounded pebbles	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-215	0-152			Fill	Auger at 100 cm; clear glass, various pcs plastic (multiple colors), terra cotta drain tile fragments, clear glass bottle base with NW maker's mark from 1968; gley clasts
T-216	0-8	2.5Y 5/1	Grayish brown	Fine sand, 10% poorly sorted subrounded pebbles	Glass fragments (modern bottle); fill
	8-45	2.5Y 6/3	Light yellowish brown	Fine to medium sand, 10% poorly sorted subrounded pebbles	Plastic; fill
	45-48	2.5Y 6/1	Gray	Silt loam (fine sand)	Very compact; ended because of impenetrable gray silt
T-217	0-70			Fill	No A horizon; 1 pc asphalt at 50 cm; matrix shows some mixing; ended because of extremely compact silt
T-218	0-20	2.5Y 4/2	Dark grayish brown	Silt loam (fine sand), 5% angular to rounded pebbles	1 pc concrete
	20-105	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 5% subrounded to rounded pebbles	Very compact; could be native till judging from compact nature and color; less gravel than expected; auger halted by large pebbles
T-219	0-83	2.5Y 6/3	Light yellowish brown	Silt loam (fine sand), 15% poorly sorted subrounded pebbles to medium cobbles	Undifferentiated fill; 9 pcs clear glass fragments, 1 brown glass fragment, 1 porcelain fragment, 1 tile fragment, 1 fire brick
220	0-6	2.5Y 4/2	Dark grayish brown	Silt loam (fine sand)	Roots and rootlets
	6-53	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 10% poorly sorted rounded to subangular gravel; 1 large cobble	Likely till; plastic debris between 0-10 cm
T-221	0-9	2.5Y 4/3	Olive brown	Sandy loam, <5% subrounded to subangular pebbles	Many fine roots, some coarse and very fine roots
	9-28	2.5Y 5/4	Light olive brown	Sandy loam, 25% subrounded to rounded pebbles	Very few roots; sediment structure is platy, very compact; till; soil appears to be scraped off
T-222	0-21	2.5Y 4/3	Olive brown	Silt loam (fine sand), 15% poorly sorted subrounded gravels	
	21-44	10YR 6/2	Light grayish brown	Silt loam (fine sand), 20% poorly sorted subrounded pebbles to small cobbles	Glacial drift/till
	44-60	10YR 6/2	Light grayish brown	Silt loam (fine sand), 20% poorly sorted subrounded pebbles to small cobbles	Auger at 44 cm, terminated on cobble; glacial drift/till
T-223	0-6	2.5Y 4/2	Dark grayish brown	Silt loam (fine sand), 5% subrounded to angular pebbles	Many roots and rootlets; thin, developing A horizon
	6-26	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 10% subrounded to angular pebbles	
	26-60	2.5Y 4/4	Olive brown	Silt loam (fine sand), 10% subrounded to angular pebbles	Charcoal and oxidized dirt
	60-62	2.5Y 6/4	Light yellowish brown	Silt loam (fine sand), 10% subrounded to angular pebbles	Glacial drift/till; some localized pockets of charcoal also exhibiting root burn morphology; likely that 0-62 cm is till and 0-20 cm is further disturbed
T-224	0-8	10YR 4/3	Brown	Silt loam, <1% gravels, <1% gravels	Many fine and very fine roots; some coarse roots
	8-21	10YR 4/4	Dark yellowish brown	Medium to coarse sand, 15% subangular to rounded pebbles to cobbles	Few fine and coarse roots
	21-43	10YR 3/6	Dark yellowish brown	Coarse sand, 20% subangular to subrounded pebbles to cobbles	Few fine roots
	43-75	10YR 3/2	Very dark grayish brown	Sandy loam, 20% subangular to subrounded pebbles to cobbles	Few roots; at the top of this layer on the north side of the probe is a 3 cm layer of charcoal/wood

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	75-82	mottled	Yellowish brown/reddish brown/grayish brown, etc	Silt loam (coarse sand), 20% subangular to subrounded pebbles to cobbles	
T-225	0-10	2.5Y 4/2	Dark grayish brown	Silt loam, 10% poorly sorted rounded to subangular pebbles	Less compact than usual
	10-67	2.5Y 5/4	Light olive brown	Silt loam, 40% poorly sorted rounded to subangular pebbles	Glacial drift/till
T-226	0-21	10YR 3/3	Dark brown	Silt loam (fine sand), <5% poorly sorted subrounded pebbles	Many roots
	21-50	10YR 3/3; 10YR 6/2	Dark brown/light grayish brown	Silt loam (fine sand), 10% poorly sorted subrounded pebbles	Mottled due to many roots
	50-125	10YR 6/2	Light grayish brown	Silt loam (fine sand)	Auger at 67 cm; iron oxide staining increasing with depth; ended because of cobble
T-227	0-81			Fill	
	81-86			Fill	Auger at 83 cm; possible scraped surface of till; very compact; not typical of other till in the area, but similar to till observed elsewhere; auger ended because of rocks
T-228	0-8	10YR 2/2	Very dark brown	Clay loam, <1% subrounded pebbles	Few very fine roots; 1 pc hard plastic sheet
	8-42	10YR 2/2	Very dark brown	Sandy clay loam, <5% subangular to subrounded pebbles	No roots
	42-75	2.5Y 5/2; 2.5Y 5/4	Grayish brown/light olive brown	Silt loam, 10% subrounded pebbles to cobbles	No roots
	75-82	2.5Y 3/2	Very dark grayish brown	Coarse sand, <5% subrounded to rounded pebbles	No roots
T-229	0-58			Fill	Amber glass fragments, brick fragments, plastic debris
	58-87	2.5Y 5/4	Light olive brown	Silt loam, 40% poorly sorted rounded to subangular pebbles	Water at 80 cm; glacial drift/till
T-230	0-90			Fill	Auger at 55 cm, ended because of rocks at 90 cm
T-231	0-116	10YR 2/2	Very dark brown	Silt	Charcoal flecks throughout
	16-25	10YR 2/2	Very dark brown	Coarse sand	
	25-70	Gley 1 5/10 B	Bluish gray	Interbedded silt and sand	Water at 70 cm; very compact
T-232	0-77			Fill	Jumbled matrix; ended because of large cobble
T-233	0-65	10YR 3/3	Dark brown	Sandy loam, 15% subangular to subrounded pebbles	Some coarse and fine roots
	65-75	10YR 3/2	Very dark grayish brown	Sandy loam (coarse sand), 15% subangular to rounded pebbles	More compact
T-234	0-62			Fill	Black plastic debris; 1-inch steel pipe at 60 cm running east-west confounding excavation efforts
T-235	0-52	2.5Y 6/2	Light grayish brown	Silt, 15% poorly sorted subrounded gravels	Highly compact
T-236	0-50			Fill	Rock hard fill; augering not possible
T-237	0-62	2.5Y 6/2	Light brownish gray	Silt loam, 15% subrounded pebbles to cobbles	Highly compacted; ended because of impenetrable fill
T-238	0-63			Fill	Amber and green glass, plastic debris at 0-60 cm; ended because of cobbles
T-239	0-53	2.5Y 6/2	Light brownish gray	Silt loam, 15% angular to subrounded pebbles to cobbles	A few fine roots; highly compacted; ended when encountered a PVC pipe; plastic (red, green, light green) throughout
T-240	0-105			Fill	Very compact to 45 cm, then moist and softer; very jumbled matrix

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-241	0-21	2.5Y 6/2	Light grayish brown	Silt loam, 30% angular to subrounded pebbles to cobbles	Fill; some fine and very fine roots
	21-50	10YR 2/2	Very dark brown	Sandy clay loam, 15% subangular to subrounded pebbles	Fill; few very fine roots
	50-110	2.5Y 5/2; 2.5Y5/4	Grayish brown/light olive brown	Mottled and interbedded sand and silt loam, 10% subangular to subrounded pebbles	Auger at 60 cm; glacial drift/till; no roots
T-242	0-50			Fill	Plastic, rusty can, glass; extremely compact
T-243	0-15	10YR 2/2	Very dark brown	Silt loam	Few very fine roots
	15-50	Gley 2 5/10 B	Bluish gray	Interbedded silt and sand, 5% subangular to subrounded pebbles	All very compact; no roots; iron oxide staining in upper 5 cm; homeowner commented on hard/compact nature of landform; a jackhammer was required on east side of property when home was built
T-244	0-85			Fill	Extremely compact, impenetrable fill
T-245	0-40	2.5Y 6/2	Light brownish gray	Silt loam with gray silt inclusions, 20% subrounded gravels	Asphalt, some fine roots present
	40-51	10YR 3/6	Dark yellowish brown	Silt loam (fine sand) with reddish brown silt inclusion, 20% subrounded pebbles to cobbles	Fill Charcoal and burned earth throughout; fill
	51-80	10YR 4/4	Dark yellowish brown	Silt with 30% subrounded to rounded pebbles to cobbles	Native/intact surface
T-246	0-94			Fill	Much road gravel throughout; extremely compact, impenetrable fill
T-247	0-18	10YR 3/2	Very dark grayish brown	Silt loam, 10% subrounded pebbles to cobbles	
	18-32	2.5Y 5/6	Light olive brown	Sandy loam, 15% subrounded to subangular pebbles to cobbles	Some fine and coarse roots
	32-100	2.5Y 6/3	Light yellowish brown	Sandy loam, 15% subrounded pebbles to cobbles	Auger at 82 cm; few roots
T-248	0-11	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to subangular gravel	1 pc amber glass
	11-63	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted rounded to subangular gravel	Compact matrix; some charcoal flecks
	63-74	2.5Y 5/3	Light olive brown	Silt loam, <5% poorly sorted rounded to subangular gravel	Very compact
	74-102	2.5Y 5/2	Grayish brown	Loam (fine sand), <5% poorly sorted rounded to subangular gravel	Very compact
T-249	0-12	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravel	1 pcs plate glass, 1 pc bottle glass
	12-45	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted rounded to subangular gravel	2 pcs clear glass, 1 pc plastic debris; compact
	45-95	2.5Y 5/3	Light olive brown	Silt loam (+ volcanic ash), <5% poorly sorted rounded to subangular gravels	Very compact matrix; some volcanic ash
T-250	0-42	2.5Y 5/3	Light olive brown	Sandy loam, 15% subangular to subrounded pebbles to cobbles	Homogenous sediment; some fine and coarse roots; ended because of impenetrable cobble fill
T-251	0-65	10YR 4/2	Dark grayish brown	Silt loam (fine sand), 25% poorly sorted subrounded pebbles to medium cobbles	Brick fragments, charcoal flecks throughout; fill
	65-75	10YR 5/2	Grayish brown	Silt loam (fine sand), 25% poorly sorted subrounded pebbles to medium cobbles	Moderately compact; fill
T-252	0-13	2.5Y4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravels	1 pc clear glass, 1 pc green glass
	13-17			Crushed road gravel, 100% poorly sorted angular gravels	
	17-100	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted rounded to angular gravels	1 pc clear glass
T-253	0-37	2.5Y 5/3	Light olive brown	Silt loam (fine sand), 20% poorly sorted pebbles to medium cobbles	Glass and foil at 0-30 cm

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	37-81	2.5Y 6/3	Light yellowish brown		Charcoal in heavy concentration at 50 cm
T-254	0-35	10YR 3/3	Dark brown	Sandy loam, 5% subrounded pebbles	Many fine and coarse roots; many flat and bottle glass fragments
	35-82	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 15% subrounded pebbles to cobbles	Few coarse roots; unable to get GPS position due to poor satellite reception
T-255	0-9	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravels	Rootlets present; 1 pc metal flashing
	9-31	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted rounded to angular gravels	
	31-125	2.5Y 5/3	Light olive brown	Sandy loam (+ volcanic ash), 20% poorly sorted rounded to angular gravels	Some volcanic ash; rounded gravel and a concrete drain tile in the east wall
T-256	0-13	2.5Y 4/3	Olive brown	Silt loam, 10% poorly sorted rounded to subangular gravels	
	13-80	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 25% poorly sorted rounded to subangular gravels	Disturbed 0-40 cm
	80-94	2.5Y 5/3	Light olive brown	Silt loam (fine sand)	Halted by cobble
T-257	0-81	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted subrounded pebbles to medium cobbles	Many fine roots at 0-25 cm; may be fill event as indicated by loose, homogenous nature of sediment
T-258	0-10	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravels	1 roofing nail
	10-66	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted rounded to angular gravels	0-40 cm either fill or disturbed with a lot of angular road gravel
	66-97	2.5Y 5/3	Light olive brown	Sandy loam (+ volcanic ash), 25% poorly sorted rounded to angular gravels	Volcanic ash present
T-259	0-70	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 30% poorly sorted subrounded pebbles to medium cobbles	Fill; few roots; decreasing gravels with depth; brick at 60 cm, boot heel at 65 cm
	70-85	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Lightly compacted ash; disturbed? GPS location taken ~7.5 m south of actual probe location due to poor satellite reception
T-260	0-68	2.5Y 5/4	Light olive brown	Silt loam, 70% poorly sorted subrounded to subangular pebbles to large cobbles	Iron or steel pipe at 40 cm
T-261	0-11	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravels	
	11-51	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 30% poorly sorted rounded to subangular gravels	1 pc cellophane, 3-inch steel pipe in wouth wall at 31-34 cm
	51-55	2.5Y 5/3	Light olive brown	Sandy loam (+ volcanic ash), 40% poorly sorted rounded to subangular gravels	
T-262	0-81	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted subrounded to subangular pebbles to medium cobbles	Fill; gravel content variable, however, matrix appeared homogenous throughout
T-263	0-10	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravels	
	10-52	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 25% poorly sorted rounded to subangular gravels	Compact
	52-76	2.5Y 5/3	Light olive brown	Sandy loam (+ volcanic ash), 45% poorly sorted rounded to subangular gravels	Very compact
T-264	0-16	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted subrounded pebbles to small cobbles	
	16-56	2.5Y 5/1	Gray	Fine sand, 10% poorly sorted subrounded pebbles	
	56-120	2.5Y 4/1	Dark gray	Silty clay	Higher iron oxide staining
T-265	0-18	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 40% poorly sorted rounded to subangular gravels	Very compact
	18-82	2.5Y 5/1	Gray	Sandy loam, 50% poorly sorted rounded to subangular gravels	1 rusty bolt at 50 cm; compact; possibly reworked glacial till or fill

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-266	0-112			Fill	Amber glass and wire nails; compact homogenous matrix
T-267	0-105			Fill	Many glass fragments
T-268	0-35			Fill	Very hard, rocky fill with large cobbles, quarry spalls, and small boulders; impenetrable cobble fill
T-269	0-74			Fill/coarse sand, 80% poorly sorted rounded to subangular gravels	Either engineered fill (for stormwater percolation) or a very coarse grained sand with lots of gravels; 0-13 cm is a developing A horizon which could be recent alluvium and colluvium from slope; probe stopped at impenetrable cobble fill
T-270	0-75			Fill	1 chunk of asphalt at 30 cm; more rocks for the first 35 cm; matrix is very compact
T-271	0-31	2.5Y 6/2	Light grayish brown	Silt loam (fine sand), 5-10% poorly sorted subrounded pebbles	Concrete fragments at 35 cm; fill
	31-82	10YR 3/2	Very dark grayish brown	Silt loam (fine sand)	Fill; iron oxide staining
T-272	0-30		Light brown	Fill	Loose compaction; fill; clear, brown glass fragments (modern soda bottle), 1 foil candy wrapper, some asphalt fragments
	30-50		Tan and orange/ brown	Mottled silt	Compact, mottled fill with some crushed rocks.
T-273	0-25	2.5Y 6/2	Light grayish brown	Silt loam, 10% poorly sorted angular to subrounded pebbles	
	25-55	2.5Y 5/1; 2.5Y 6/3	Gray/light yellowish brown	Mottled silt, 10% poorly sorted angular to subrounded pebbles	Very compact
T-274	0-50	2.5Y 6/3	Light yellowish brown	Silt loam, 10% poorly sorted angular to subrounded pebbles	Fill; very compact; clear glass, brown glass, plastic at 0-25 cm
T-275	0-82	2.5Y 6/2	Light grayish brown	Silt loam (fine sand), 10% poorly sorted angular to subrounded pebbles to small cobbles	Many fine and small roots; plastic and foil at 0-30 cm
T-276	0-10	10YR 4/3	Brown	Gravelly sandy loam	Roots
	10-36	10YR 4/3	Brown	Gravelly sandy loam	Fill
	36-54	10YR 4/3	Brown	Gravelly sandy loam	Large roots at bottom
T-277	0-20	10YR 3/2	Very dark grayish brown	Silt loam, 10% poorly sorted subangular to rounded pebbles and cobbles	Many fine and very fine roots; some coarse roots
	20-60	10YR 4/6	Dark yellowish brown	Sandy loam, 25% poorly sorted subangular to subrounded pebbles and cobbles	Many fine and some coarse roots roots
	60-68	2.5Y 5/4	Light olive brown	Sandy loam, 25% poorly sorted subangular to subrounded pebbles and cobbles	Some fine roots; glacial till
T-278	0-23	10YR 3/3	Dark brown	Silt loam (fine sand), <5% poorly subrounded pebbles to cobbles	Fill
	23-58	10YR 3/6	Dark yellowish brown	Silt loam, 15% poorly sorted subrounded pebbles to small cobbles	Fill
	58-66	2.5Y 6/2	Light grayish brown	Silt loam, 15% poorly sorted subrounded pebbles to small cobbles	Possible glacial drift/till; moderate iron oxide staining
T-279	0-65		Pale grayish brown	Gravelly sandy loam	Fill; plastic and modern trash in upper 30 cm; dense gravels and roots to bottom
	65-80		Grayish brown/ yellowish brown	Mottled gravelly sandy loam	Fill mixed with glacial till; likely scraped till surface reworked in fill
T-280	0-18		Brown	Silt loam, Some gravel	
	18-63		Tan	Silt, Gravels and a few large rocks	
	63-67		Brown	Organics	Bark and wood bits
	67-84		Tan	Silt, gravels and some roots.	18-84 cm is most likely fill
T-281	0-58	2.5Y 5/4	Light olive brown	Silt loam, 25% subangular to subrounded pebbles to large cobbles	Some fine and coarse roots

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	58-61	2.5Y 6/2	Light grayish brown	Mottled, fine sand/ ash lens, 20% subangular to subrounded pebbles to large cobbles	Fill; very compact; few fine roots
T-282	0-78	10YR 3/2	Very dark grayish brown	Silt loam (medium sand), <5% pebbles	1 whole brick, neon green w/o graphite pencil, and white plastic fragment found at surface; few roots, but reeds and interbedded organics
	78-84	10YR 3/2	Very dark grayish brown	Silt, 20% rounded to subrounded pebbles to large cobbles	No roots
T-283	0-10	10YR 3/2	Very dark grayish brown	Silt loam (fine sand)	Recent slope wash
	10-53	10YR 3/2	Very dark grayish brown	Silt loam (slight fine sand content)	Fill; asphalt shingles at 25-50 cm; asphalt frags, charcoal, gray clay [?]
	53-115	10YR 3/2	Very dark grayish brown	Silt loam (slight fine sand content)	85-100% trash= d[?] debris includes window glass frags (500+), shell fragments (10), roof tacks (50+), foil (2), plastic [??zzar] frag [?] Pul Johnson/Johnson, spark plugs, green plastic and 100+ small oxidized can fragments with consolidated metal rust chunk
	115-125	2.5Y 4/1	Dark gray	Silt	High organic content with decreasing fill/trash debris
T-284	0-20	10YR 3/3	Dark brown	<5% pebbles	
	20-100	10YR 3/6	Dark yellowish brown	25% angular to subrounded pebbles to large cobbles	Fill; auger at 90 cm
	100-122	10YR 4/2; 10YR 3/6	Dark grayish brown/ dark yellowish brown	Mottled silt loam (fine sand), 15% subangular to rounded pebbles to large cobbles	Lower fill zone, not native
T-285	0-20	10YR 3/3	Dark brown	Silt loam, <5% subangular pebbles	Many fine and very fine roots; some coarse roots
	20-95	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 30% subangular to subrounded pebbles to large cobbles	Auger at 90 cm; no roots
	95-104	10YR 3/6	Dark yellowish brown	Sand (medium), 60% rounded to subrounded pebbles to small cobbles	No roots; impenetrable gravels
T-286	0-12	10YR 4/3	Brown	Silt loam, <5% subangular to rounded pebbles	Many fine and very fine roots
	12-42	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 30% subangular to subrounded gravels to large cobbles (1 boulder)	No roots; some light grayish brown mottling in color; extremely compact fill
T-287	0-13	10YR 4/3	Brown	Silt loam, 10% subangular to subrounded pebbles to cobbles	Many fine and very fine roots; few coarse roots
	13-44	2.5Y 5/4	Light olive brown	Sandy loam, 20% subangular to subrounded pebbles to cobbles	Some light grayish brown and dark yellowish brown mottling in color; large boulder (bigger than probe) at base
T-288	0-12	10YR 4/3	Brown	Silt loam, 5% angular to subrounded pebbles to cobbles	Many fine and very fine roots; some very coarse roots
	12-30	2.5Y 5/4	Light olive brown	Sandy loam, 20% subangular to subrounded pebbles to cobbles	Some light grayish brown and dark yellowish brown mottling in color; impenetrable cobble fill at base
T-289	0-53	10YR 3/3	Dark brown	Silt loam, 10% pebbles to cobbles	Many fine roots
	53-72	10YR 4/6	Dark yellowish brown	Sandy loam, 15% subangular to subrounded pebbles to cobbles	No roots

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	72-82	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 15% subangular to subrounded pebbles to cobbles	Auger at 78 cm; rocks stopped auger
T-290	0-16	10YR 4/2	Dark grayish brown	Silt loam	Compact; profile appears native but could be homogenous fill [bond in sloper?] and likelihood of colluvial; impenetrable gravels at depth
	16-84	10YR 6/3	Pale brown	Silt loam (fine sand), 15% rounded to subrounded pebbles to cobbles	
T-291	0-9			bark dust mulch	
	9-46	10YR 3/1	Very dark grayish brown	Silt loam, <1% gravels	Very few fine roots
	46-54	2.5Y 5/4	Light olive brown	Silty clay loam	No roots; sparse coarse grains (degraded rock), color mottled with reddish yellowish brown
	54-116	2.5Y 5/4	Light olive brown	Sandy loam, 15% rounded to subrounded pebbles to cobbles (cobbles at 110-116 cm)	Auger at 86 cm; no roots; color mottled with reddish yellowish brown
T-292	0-33			Imported landscaping bark	PVC pipe in north half of probe at base of bark
	33-80	10YR 4/2	Dark grayish brown	Silt loam, Gravels and cobbles	Becoming sandier with depth; clear, green, brown bottle glass fragments, styrofoam, and plastic [?tho pas?] second layer; fill
	80-103		Dark brown	Sand (medium), 60% rounded to subrounded pebbles to small cobbles	Some medium fill material [?]
	103-122		Gray	Silt loam, Gravels	Auger at 103 cm; wet with oxidized mottles and gravels at base
T-293	0-10			Imported landscaping bark	
	10-36	10YR 3/1	Very dark grayish brown	Silt loam, <1% rounded cobbles	Organic rich
	36-86		Grayish brown	Sand (medium), 5% medium gravels	At 65-67 cm, there is an increase in number of gravels in same sand layer (streambed?)
	86			75% medium to large gravels with some small to medium cobbles; all naturally rounded	
T-294	0-24	10YR 3/1	Very dark grayish brown	Silt loam	Clear glass, water hose, terra-cotta drain pipe, decorated porcelain frag, greenish brown glass, concrete
	24-68	10YR 3/1	Very dark grayish brown	Sand (coarse), 75% streamload gravels, Recent alluvium with modern trash debris	
	68-74		Gray	Silt	
T-295	0-14			Imported landscaping bark	Many fine and very fine roots
	14-62	10YR 4/3	Brown	Sandy loam (fine sand), 30% angular to subrounded pebbles to cobbles	Fill; many fine and very fine roots
T-296	0-6	2.5Y 5/2	Grayish brown	Silt loam (fine sand), 10% poorly sorted angular to rounded pebbles	Some roots and rootlets; developing A horizon
	6-46	2.5Y 5/3	Light olive brown	Silt loam (fine sand), 20% poorly sorted angular to rounded pebbles	Likely disturbed to 46 cm
	46-90	2.5Y 5/4	Light olive brown	Sandy loam, 20% poorly sorted angular to rounded pebbles	Possible glacial till; all strata are very compact
T-297	0-70			Fill, very rocky and extremely compact	One screw top bottle cap with "Play Hot Tops" written on its outer surface (promotional game) at 0-10 cm
T-298	0-41			Fill	

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-299	0-58			Fill	One large X-mas tree light, 1 pc clear glass, numerous pcs clear cellophane at 0-58 cm; it is likely that the buried A horizon mentioned above is also fill because we haven't see anything like that around here and with as much contouring and landscaping that has occurred in the vicinity
	58-77	7.5YR 4/6	Strong brown	Sand (coarse)	Oxidized
	77-82	2.5YR 2.5/1	Black	Silt	Posible buried A horizon
	82-95	2.5Y 4/2	Dark grayish brown	Silt loam	Posible buried A horizon
T-300	0-50			Fill	Glass, wire, brick frags, and asphalt chunks
T-301	0-80	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 20% poorly sorted rounded to angular gravels	2 pcs safety glass, 1 pc aluminum foil at 0-50 cm; disturbed or fill at least to 50 cm; ended because of extremely compact sediments and rocks
T-302	0-25			Sand	Loose sand fill
	25-65	2.5Y 5/4	Light olive brown	Silt loam, 20% poorly sorted rounded to angular gravels	Extremely compact; we bent the breaker bar trying to loosen the matrix; impenetrable at 65 cm
T-303	0-18	2.5Y 5/2	Grayish brown	Silt loam (fine sand), 30% poorly sorted rounded to angular gravels	1 pc green bottle glass; recently developing A horizon
	18-44	2.5Y 5/4	Light olive brown	Silt loam, 50% poorly sorted rounded to angular gravels	Matrix is really, really hard, very compact-breaking rocks to get anywhere
T-304	0-77			Fill, Crushed road gravels	SP 304 is up on a berm of fill, pushed up either during Point Loops Trail construction or excavation for flat even for tennis courts; now serves as a noise and visual barrier between SR 520 and tennis courts
T-305	0-67		Gray silt of various colors	Fill; flat layers of oxidation (horizontal) and pockets of gray sand	1 small pc of asphalt shingle at 55 cm
T-306	0-42		Medium brown	Silt loam	Loose compaction; this layer appears to be fill installed as topsoil
	42-97		Various gray	Silt	A short slope directly to the NW (1 m) shows fill limit; 1 wire nail at 70 cm; bulldozer types liley not smaller than Catipillar D9
T-307	0-30	2.5Y 5/3	Light olive brown	Silt loam (fine sand), 15% poorly sorted rounded to angular gravels	
	30-54	2.5YR 4/4	Dark yellowish brown	Sandy loam, 25% poorly sorted rounded to angular gravels	
	54-107	2.5Y 6/3	Light yellowish brown	Sandy loam, 40% poorly sorted rounded to angular gravels	Auger at 92 cm; possibly glacial till; auger ended by large pebbles;
T-308	0-91	2.5Y 4/3	Olive brown	Silt loam (fine sand), 15% poorly sorted rounded to angular gravels	Fill; rusted metal bolt; thin, clear glass (like a light bulb), amber glass, broken flagstone
	91-104	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Auger at 98 cm

# SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-309	0-25	2.5Y 4/3	Olive brown	Silt loam (fine sand), 10% poorly sorted rounded to angular gravels	Fill; plate glass, thin light bulb glass, plastic, rubber debris, 1 pc milled wood, 1 pc milk glass with raised pattern like that of a teacup
	25-65	10YR 4/4	Dark yellowish brown	Sandy loam, 15% poorly sorted rounded to angular gravel	Probably fill; 1 wire nail
	65-107	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Auger at 98 cm
T-310	0-9			Organics	O horizon
	9-41	2.5Y 4/3	Olive brown	Silt loam (fine sand), 40% poorly sorted rounded to subangular gravels	1 clear cellophane candy wrapper from near surface; stratum has typically been fill in other probes in the area
	41-61	10YR 4/4	Dark yellowish brown	Sandy loam, 40% poorly sorted rounded to subangular gravels	
	61-66	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 50% poorly sorted rounded to subangular gravels	Volcanic ash lens
T-311	0-79		Gray	Fill	Very compact fill, gray sand and rounded pea gravel
	79-81	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Volcanic ash lens
T-312	0-68			Fill	Amber glass, 1 pc black plastic
	68-72	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Basal till with volcanic ash lens
T-313	0-16			Fill	Brick, brick fragment, aluminium can pop top tab
	16-83	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Basal till with volcanic ash lens
T-314	0-69			Fill	Loose gravel fill with concrete chunk at 60 cm
	69-70	2.5Y 5/4	Light olive brown	Silt loam (fine sand)	Basal till with volcanic ash lens
T-315	0-20	2.5Y 4/3	Olive brown	Sandy loam, 40% poorly sorted rounded to subrounded gravels	
	20-92	2.5Y 5/3	Light olive brown	Sandy loam (fine sand), 60% poorly sorted rounded to subrounded gravels	Very compact; 1 asphalt chunk at 45 cm
T-316	0-52			Fill.	Ended by amorphous concrete that fills bottom of probe
T-317	0-81			Fill	8 pcs aqua "Bacardi" bottle glass, 1 chunk concrete, plastic debris; 5 cm of gravel for a gravel pad
	81-96	10YR 4/4	Dark yellowish brown	Sandy loam	B horizon
	96-100	2.5Y 5/4	Light olive brown	Silt loam (fine sand), 40% poorly sorted rounded to subangular gravels	Volcanic ash lens
T-318	0-101			Fill	Auger at 95 cm
T-319	0-103			Fill	Plastic, concrete, glass at 0-70 cm; broken angular gravels suggest fill
T-320	Did not excavate			Fill (?)	Rock hard fill at surface, disturbed by a very tall raised landscaped bed
T-321	0-18			Mulch	
	18-58			Fill or reworked glacial till as fill	1 decomposing cedar log at 22-34 cm in east wall
322	0-25			Organics	Developing A horizon
	25-70 70-75	2.5Y 5/4	Light olive brown	Fill or reworked glacial till as fill Silt loam (fine sand)	Basal till with volcanic ash lens

## SR 520 Corridor Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
T-323	0-75			Fill	Amber glass, asphalt and a large M&Ms package
	75-102			Fill	Auger at 100 cm; extremely mixed matrix
	102-124	Gley 1 4/N	Dark gray	Loam , 10% poorly sorted rounded to angular gravels	Seems to be fill
T-324	0-70			Fill	Mulch and road gravel
	70-75			Disturbed till	Clear glass fragment
T-325	0-50			Fill	2 pcs blue plastic (from a pen), concrete, 1 pc safety glass
	50-65			Disturbed till	
T-326	0-21			Fill	Amber glass, plastic debris
	21-35			Glacial till	
T-327	0-104			Fill	Glass, asphalt, concrete, nail, plastic
T-328	0-70			Fill	Auger at 60 cm
T-329	0-100			Fill	
T-330	0-43			<5% moderately sorted gravels	Plastic debris, glass
	43-101			Peat	
T-331	0-65			Fill	Very hard, compact, rocky fill; concrete, asphalt, 1 rusty spike or bolt
T-332	0-57			Fill	Concrete debris
T-333	0-55			Fill or reworked glacial till as fill	Concrete, asphalt debris
334	0-18			Mulch	Wood chips
	18-64	2.5Y 4/3	Olive brown	Silt loam (fine sand) , 80% poorly sorted rounded to angular gravels and cobbles	
T-335	0-101			Fill	Concrete debris
T-336	0-80			Fill	Concrete debris
T-337	0-70			Fill	Concrete debris, rusty nails
T-338	0-90			Fill	Glass and plastic debris; fill and recent alluvium
	90-164			Peat with interbedded silt and sand	Auger at 100 cm; odd alluvium/wetland deposits
T-339	0-116			Peat with interbedded silt and sand (at 95-116 cm)	Auger at 80 cm; peat of various stages of decomposition

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
A-1	0-62	10YR 2/2	Very dark brown	Silt with pockets of gray clay silt mottling	Charcoal flakes and chunks
	62-68	2.5Y 5/1	Gray	Clay silt lens	
	68-71	10YR 5/2	Grayish brown	Fine sand	
	71-103	10YR 5/2	Grayish brown	Coarse compacted sand	Auger at 1 m
	103-108	2.5Y 5/2	Grayish brown	Silt with fine sand	
	108-110	2.5Y 5/2	Grayish brown	Fine sand	
	110-160	2.5Y 4/1	Dark gray	Silt with fine sand and clay	
	160-165	2.5Y 2.5/1	Black	Peat of varying decomposition levels, some small wood bits	
	165-185	2.5Y 5/1	Gray	Sand with very little silt and some organics	
	185-230	2.5Y 2.5/1	Black	Peat	
230-250	2.5Y 5/1	Gray	Silt with clay and very little fine sand		
A-2	0-29	10YR 3/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks
	29-57	10YR 6/1	Gray	Silt with 7.5YR 4/6 strong brown mottles	
	57-78	10YR 4/4	Dark yellow brown	Medium sand grading to coarse sand with depth	
	78-87	7.5YR 4/1	Dark gray	Silt	
	87-90	7.5 YR 3/1	Very dark gray	Silty clay loam	Charcoal flakes and chunks
	90-103	7.5YR 4/1	Dark gray	Silt	
	103-105	10YR 4/4	Dark yellowish brown	Medium sand, wet	
	105-130	10YR 4/2	Dark grayish brown	Silty clay	
	130-160	2.5Y 4/1	Dark gray	Coarse sand grading to fine with depth	
	160-184	2.5Y 4/1	Dark gray	Silt	
	184-188	10YR 2/1	Black	Silty muck lens sitting atop peat	
	188-217	10YR 2/2	Very dark brown	Loamy peat	
	217-238	2.5Y	Very dark gray	Very coarse sand, Angular to sub angular	
238-259	2.5Y	Very dark grayish brown	Silty clay	Ended at max. auger depth	
A-3	0-17	10YR 3/2	Very dark grayish brown	Silty clay loam	
	17-64	10YR 6/1	Gray	Silt with strong brown mottles; clear, smooth transition	
	64-78	10YR 4/4	Dark yellowish brown	Medium to coarse sand with strong brown mottles	
	78-94	7.5YR 4/1	Dark gray	Silt	
	94-107	7.5YR 4/1	Dark gray	Coarse sand	Water at 100 cm; auger at 107 cm
	107-140	7.5YR 4/1	Dark gray	Coarse sand, fining up with depth	
	140-163	7.5YR 4/1	Dark gray	Silt	
163-202	10YR 2/1	Black	Loamy peat		
A-4	0-31	10YR 2/2	Very dark brown	Silt	Charcoal flakes and chunks
	31-92	2.5Y 5/1	Gray	Silt with clay	Rootlets throughout
	92-100	2.5Y 2.5/1	Black	Peat with some reed stems, grasses	No auger
A-5	0-30	10YR 2/2	Very dark brown	Silt	Roots and rootlets, charcoal flakes and chunks
	30-64	2.5Y 5/1	Gray	Silt with clay; a thin layer of oxidized sediment at 43-46 cm	Rootlets throughout
	64-69	2.5Y 2.5/1	Black	Peat	Some intact roots
	69-72	2.5Y 5/1	Gray	Silt with clay	
	72-85	2.5Y 5/1	Gray	Coarse sand	
	85-100	2.5Y 2.5/1	Black	Peat	No auger; some intact roots
A-6	0-38	10YR 3/2	Very dark brown	Organic loam	
	38-62	10YR 3/4	Dark brown	Mottled silt	
	62-70	10YR 3/4	Dark brown	Peat with mottled silt pockets and decomposing chunks of vegetation	
	70-107	10YR 5/1	Gray	Silt with pockets of dark brown peat	Water at 80 cm; no auger

## Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
A-7	Not excavated			Probe location in water	
A-8	Not excavated			Probe location in water	
A-9	Not excavated			Probe location in water	
A-10	Not excavated			Probe location in water	
A-11	0-18	10YR 2/2	Dark grayish brown	Silty clay loam, <1% rounded to subrounded gravels	
	18-65	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	65-94	10YR 5/2	Grayish brown	Interbedded sands and silts	
	94-108	2.5Y 2.5/1	Black	Peat	No auger
A-12	0-18	10YR 2/2	Very dark brown	Silt	
	18-20	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	20-115	10YR 5/2	Grayish brown	Interbedded sands (coarse) and silts	
	115-150	2.5Y 2.5/1	Black	Peat with some coarse sands in alternating layers, Impenetrable gravels at 150 cm	
A-13	0-15	10YR 2/2	Very dark brown	Silt	
	15-60	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with medium sand at interface	
	60-125	10YR 5/2	Grayish brown	Interbedded sands and silts, with mottled silt (above)	Auger at 95 cm
	125-150	2.5Y 2.5/1	Black	Peat with some coarse sands in alternating layers	
	150-185	2.5Y 2.5/1	Black	Peat, gravels impenetrable at 185 cm	Water at 150 cm
A-14	0-48	10YR 2/2	Very dark brown	Silt	
	48-87	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	87-130	2.5Y 2.5/1	Black	Peat	Auger at 100 cm; unable to pull auger up due to suction at 130 cm
B-1	0-34	10YR 2/2	Very dark brown	Silt	
	34-76	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	76-105	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 100 cm
B-2	0-24	10YR 2/2	Very dark brown	Silt	
	24-37	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	37-95	10YR 5/2	Grayish brown	Interbedded sands and silts	
	95-106			Coarse, oxidized sand	
	106-122	10YR 5/2	Grayish brown	Interbedded sands and silts	
	122-129	2.5Y 2.5/1	Black	Organic silt	
	106-210	10YR 5/2	Grayish brown	Interbedded sands and silts	
	210-235	2.5Y 2.5/1	Black	Peat	
	235-250	10YR 6/1	Gray	Silt	
B-3	0-25	10YR 2/2	Very dark brown	Loam	
	25-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt; mottling increasing with depth	
	90-116	10YR 5/2	Grayish brown	Dark yellow brown medium sand with interbedded silts becoming more brown with depth	Water at 105 cm; no gravels throughout
B-4	0-36	10YR 2/2	Very dark brown	Silty clay loam	Rootlets throughout
	36-68	2.5Y 5/1	Gray	Silt with clay, rootlets, and strong brown oxidation is more common in deeper sediments	

## Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	68-100	10YR 5/2	Grayish brown	Interbedded sands (fine to coarse) and silts	
B-5	0-24	10YR 4/2	Dark brown	Loam	
	24-53	10YR 6/1	Gray	Silt	
	53-81	10YR 4/4	Dark yellowish brown	Silt with sand, sand increasing with depth	
	81-90	10 YR 3/2	Dark grayish brown	Medium to coarse sand with strong brown mottles	Groundwater at 82 cm
	90-99	2.5Y 2.5/1	Black	Peat	No auger
B-6	0-33	10YR 3/2	Dark grayish brown	Loam	
	33-49	10YR 4/2	Dark grayish brown	Loam	
	49-83	10YR 3/2	Dark grayish brown	Silt	Water at 80 cm; no auger
B-7	0-20	10YR 2/2	Very dark brown	Silty clay loam	Water at 2 cm
	20-78	10YR 6/1	Gray	Silt with fine sand	Auger at 50 cm
	78-90			Medium to coarse sand	
	90-120	7.5YR 4/1	Dark gray	Silt with some organics and interbedding with peat	
	120-205	2.5Y 2.5/1	Black	Peat	
	205-232	10YR 4/1	Dark gray	Silt	
B-8	not excavated			Probe location in water	
B-9	not excavated			Probe location in water	
B-10	0-11	10YR 2/2	Very dark brown	Silty clay loam	
	11-81	10YR 6/1	Gray	Silt with fine sand	
	81-96		Light brown/blond	Silt	
	96-100	2.5Y 2.5/1	Black	Peat	
B-11	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-50	10YR 6/1	Gray	Silt with fine sand	
	50-90	10YR 4/1	Dark gray	Silt with sand, sand increasing with depth	No peat
B-12	0-11	10YR 2/2	Very dark brown	Silty clay loam	
	11-90	10YR 6/1	Gray	silt with fine sand	
B-13	0-20	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	
	20-70	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	70-120	10YR 5/2	Grayish brown	Interbedded sands (medium to coarse) and silts	
	120-205	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands, a few rounded gravels; impenetrable gravels at 205 cm	
C-1	0-29	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	
	29-74	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	74-87	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 80 cm; no auger
C-2	0-27	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	
	27-71	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	71-98				
C-3	0-25	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	
	25-43	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	43-100	10YR 5/2	Grayish brown	Interbedded sands and silts	No gravels throughout
C-4	0-47	10YR 2/2	Very dark brown	Silty clay loam	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	47-54	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	54-80	10YR 5/2	Grayish brown	Interbedded sands and silts	
	80-100	10YR 7/1	Light gray	Silt	
C-5	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-42	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	42-105	10YR 5/2	Grayish brown	Interbedded sands and silts; thin coarse sand layer between 92-98 cm; coarse sand is strong brown and highly oxidized	
C-6	0-24	10YR 2/2	Very dark brown	Silty clay loam	
	24-87	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	87-106	10YR 5/2	Grayish brown	Interbedded sands and silts	
C-7	0-14	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	
	14-51	10YR 6/1	Gray	Silt	
	51-100	10YR 4/1	Dark gray	Silt with more sand	No peat
C-8	0-19	10YR 2/2	Very dark brown	Silty clay loam	
	19-55	10YR 7/1	Light gray	Silt with fine sand	
	55-105	10YR 4/1	Dark gray	Silt with more sand	
	105-180	10YR 4/1	Dark gray	Silt with less sand	
	180-195	2.5Y 2.5/1	Black	Peat	
	195-254	10YR 6/1	Gray	Silt with fine sand	
C-9					Not excavated due to inundation
C-10	0-22	10YR 2/2	Very dark brown	Clayey silt with organics	
	22-50	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with silty clay	Water at 50 cm
C-11	0-6	10YR 2/2	Very dark brown	Loam	
	6-86	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	86-120	2.5Y 2.5/1	Black	Peat	
	120-122	10YR 4/1	Dark gray	Coarse to medium sand	
C-12	0-5	10YR 2/2	Very dark brown	Loam	
	5-75	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	75-97	2.5Y 2.5/1	Black	Peat	
	97-106	10YR 4/1	Dark gray	Silt	
	106-120	10YR 4/1	Dark gray	Medium sand	Water at 110 cm
	120-123	2.5Y 2.5/1	Black	Peat	
C-13	0-22	10YR 2/2	Very dark brown	Loam	
	22-96	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Stream surface at about 50cm, but no standing water in hole
D-1	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-100	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Interbedded silts and sands	No colluvial material; no peat
D-2	0-21	10YR 2/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks
	21-120	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with sandy loam in upper 21-40 cm	Water at 120 cm
	120-160	10YR 5/2	Grayish brown	Interbedded sands (coarse) and silts	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	160-185	2.5Y 2.5/1	Black	Peat	
	185-200	10YR 5/2	Grayish brown	Interbedded sands and silts	
	200-220	2.5Y 2.5/1	Black	Peat	
D-3	0-27	10YR 2/2	Very dark brown	Silty clay loam	
	27-30	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	30-93	10YR 5/2	Grayish brown	Interbedded sands and silts; increase in sands compared to similar strata	
	93-135	10YR 4/4	Dark yellowish brown	Coarse sand	
	135-145	10YR 5/2	Grayish brown	Silt	
	145-192	10YR 6/1	Gray	Sand	
	192-213	10YR 3/2	Dark grayish brown	Silt	
D-4	0-17	10YR 2/2	Very dark brown	Silty clay loam	1 rusty wire fragment
	17-67	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	67-175	10YR 5/2	Grayish brown	Interbedded sands and silts	Auger at 100 cm
	175-196	2.5Y 2.5/1	Black	Peat	Probe ended due to collapsing sand falling into auger hole
D-5	0-27	10YR 2/2	Very dark brown	Silty clay loam	
	27-85	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	85-109	10YR 5/2	Grayish brown	Interbedded sands and silts	
D-6	0-24	10YR 2/2	Very dark brown	Silty clay loam	
	24-75	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	75-100	10YR 5/2	Grayish brown	Interbedded sands and silts	
D-7	0-34	10YR 2/2	Very dark brown	Silty clay loam	
	34-75	10YR 4/1	Dark gray	Medium sand	
	75-106	10YR 7/1	Light gray	Silt with strong brown mottles	
	106-136	10YR 4/1	Dark gray	Medium sand with strong brown mixed streaks	
D-8	0-20	10YR 2/2	Very dark brown	Loam	Charcoal flakes and chunks
	20-94	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Water at 30 cm
	94-100	Not noted	Not noted	Very compact silt; impenetrable	
D-9	0-25	10YR 2/2	Very dark brown	Loam, <1% rounded to subrounded gravels	
	25-140	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	140-160	10YR 5/2	Grayish brown	Interbedded sands and silts	
	160-178	2.5Y 2.5/1	Black	Peat with thin layer of silt	
	178-258	7.5YR 4/1	Dark gray	Silt	
D-10	0-27	10YR 2/2	Very dark brown	Loam	Barbed wire fragment at 0-20 cm
	27-66	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	66-108	10YR 5/2	Grayish brown	Interbedded sands and silts	Peat at 108 cm
D-11					Not excavated due to inundation
D-12	0-16	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	2 skeet load, 12 gauge shotgun shells
	16-57	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	

Keller Site ShovelProbe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	57-75	10YR 5/2	Grayish brown	Interbedded sands and silts	Peat at 75 cm
D-13	0-16	10YR 2/2	Very dark brown	Loam, <1% rounded to subrounded gravels	Road bed at 16 cm
	16-22	Not noted	Not noted	Loam, <1% rounded to subrounded gravels	Possible road surface still in loam matrix
	22-74	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	74-187	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands	Auger at 118 cm
	187-231	2.5Y 2.5/1	Black	Peat	
	231-250	7.5YR 4/1	Dark gray	Silt	Ended because of dense cobble layer at 250 cm
E-1	0-32	10YR 2/2	Very dark brown	Silty clay loam	
	32-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Halted at 90 cm due to collapsing sand and compact silt below
E-2	0-47	10YR 2/2	Very dark brown	Loam	
	47-72	10YR 5/2	Grayish brown	Loam	
	72-96	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	96-102	10YR 5/2	Grayish brown	Interbedded sands (medium) and silts	
E-3	0-24	10YR 2/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks
	24-65	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Increasingly compact and dry with depth
	65-110	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 96 cm
E-4	0-25	10YR 2/2	Very dark brown	Silty clay loam	
	25-76	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	76-110	10YR 5/2	Grayish brown	Sand, no silt	
	110-114	2.5Y 2.5/1	Black	Peat	
	114-130	Gley 1 5/N	Gray	Gley sand	
	130-135			Solid wood, very soft, augered easily	
	135-152	Gley 1 5/N	Gray	Gley sand	
	152-170	7.5YR 4/1	Dark gray	Very coarse sand	
	170-210	2.5Y 2.5/1	Black	Peat	
E-5	0-30	10YR 2/2	Very dark brown	Loam	
	30-120	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	120-176	10YR 5/2	Grayish brown	Interbedded sands and silts	
	176-190	2.5Y 2.5/1	Black	Peat	
E-6	0-28	10YR 2/2	Very dark brown	Silty clay loam	
	28-68	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with medium sand at interface	
	68-108	10YR 5/2	Grayish brown	Interbedded sands and silts; coarse grained sand and gravels increasing with depth	Water at 90 cm
E-7	0-23	10YR 2/2	Very dark brown	Silty loam, <1% rounded to subrounded gravels	Charcoal flakes and chunks
	23-85	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with medium sand at interface	
	85-102	10YR 5/2	Grayish brown	Interbedded sands and silts, medium gravels	Water at 85 cm
E-8	0-22	10YR 2/2	Very dark brown	Silty clay loam	
	22-72	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	72-100	10YR 5/2	Grayish brown	Interbedded sands and silts, with mottled silt (above)	
E-9	0-28	10YR 2/2	Very dark brown	Silty clay loam	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	28-70	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with medium sand at interface	
	70-95	10YR 5/2	Grayish brown	Interbedded sands and silts	
E-10	0-17	10YR 5/2	Grayish brown	Silty clay loam , <1% rounded to subrounded gravels	
	17-74	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with medium sand at interface	Water at 85 cm
	74-200	10YR 5/2	Grayish brown	Interbedded sands and silts; peat chunks at 130 cm; sands increasing in coarseness with depth	Auger at 105 cm
E-11					Not excavated due to inundation
E-12	0-30	10YR 2/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks Wet, roots
	30-100	10 YR 4/2	Dark grayish brown	Silt; wet with dense organic debris: tree/wood debris from 10-100; interbedded with small gray medium sand lenses	
	100-160	10YR 5/2	Grayish brown	Interbedded sands and silts, impenetrable cobbles at 160 cm	Likely streambed
E-13	0-18	10YR 2/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks Dense with roots
	18-38	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Silt loam	
	38-70	10Yr 4/2	Dark grayish brown	Interbedded sands and silts with wood chunks at 70 cm	Water at 70 cm
E-14	0-38	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Water at 32 cm
	38-90	7.5YR 4/1	Dark gray sand	increasing coarseness with depth	Wood/ organic debris at 50-70 cm; ended because of sand collapsing into hole
D/E-13	0-22	10YR 2/2	Very dark brown	Silty clay loam, few gravels	Dense roots
	22-53	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt with medium sand at interface	
	53-160	10YR 5/2	Grayish brown	Interbedded sand, silt, and peat	Auger at 100 cm
F-1	0-31	10YR 2/2	Very dark brown	Silty clay loam	
	31-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam with coarse sand at interface	Ended at 90 due to collapsing sand
F-2	0-34	10YR 2/2	Very dark brown	Silty clay loam, <5% gravels	Charcoal flakes and chunks
	34-49	10YR 6/1	Gray	Medium sand	
	49-82	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silty clay	
	85-110	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 85 cm
F-3	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-64	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Water at 60 cm
	64-100	10YR 5/2	Grayish brown	Interbedded sands and silts	
F-4	0-25	10YR 2/2	Very dark brown	Silty clay loam	
	25-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled sandy loam	
	90-100	Not noted	Not noted	Coarse sand	
F-5	0-27	10YR 2/2	Very dark brown	Loam	
	27-83	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	83-170	10YR 5/2	Grayish brown	Interbedded sands and silts	
	170-195	10YR 6/1	Gray	Silt	
	195-205	2.5Y 2.5/1	Black	Peat	
F-6	0-26	10YR 2/2	Very dark brown	Silty clay loam	

## Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	26-86	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	86-104	7.5YR 4/6	Strong brown	Coarse strong brown rusty sand	
	104-147	10YR 6/1	Gray	Gray silt	
	147-151	10YR 4/1	Dark gray	Dark silt	
	151-162	10YR 6/1	Gray	Medium to coarse gray sand	
	162-205	10YR 6/1	Gray	Gray silt with fine sand	
	205-213	10YR 4/1	Dark gray	Increasingly darker silt with more organics	
	213-245	10YR 6/1	Gray	Gray silt and very fine sand	
	245-248	10YR 5/2	Grayish brown	Grayish brown silt	
	248-253	2.5Y 2.5/1	Black	Peat	
F-7	0-32	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	Dense roots
	32-72	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	72-100	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 82 cm
F-8	0-30	10YR 2/2	Very dark brown	Silty clay loam	
	30-57	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	57-118	10YR 5/2	Grayish brown	Interbedded sands and silts	
F-9	0-26	10YR 3/2	Dark grayish brown	Silt loam	Charcoal flakes and chunks Roots
	26-60	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	60-102	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 90 cm
F-10	0-22	10YR 2/2	Very dark brown	Loam	
	22-134	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	134-142	2.5Y 2.5/1	Black	Peat	
	142-155	10YR 4/1	Dark gray	Silt	
	155-206	2.5Y 2.5/1	Black	Peat with interbedded dark gray silt	
F-11	Not excavated			Probe location in water	
F-12	0-22	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	Charcoal flakes and chunks Roots
	22-63	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Woods and organics, wet
	63-155	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands , impenetrable cobbles at 150 cm	Water at 85 cm Auger at 110 cm
F-13	0-22	10YR 2/2	Very dark brown	Loam	
	22-67	10YR 4/1	Dark gray	Medium to coarse sand with chunks of peat	Wood and organics
	67-126	2.5Y 2.5/1	Black	Peat with large wood debris	Log at 81 cm
	126-132	10YR 4/1	Dark gray	Coarse sand, heavy cobble layer at 113 cm	
G-1	0-25	10YR 2/2	Very dark brown	Silty clay loam	
	25-36	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	36-100	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 60 cm
	100-110	Not noted	Not noted	Silt	Auger at 100 cm
	110-150	10YR 5/2	Grayish brown	Interbedded sands and silts	
	150-234	10YR 4/1	Dark gray	Coarse sand	
G-2	0-52	10YR 2/2	Very dark brown	Loam	
	52-74	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	74-115	10YR 6/1	Gray	Sand	Auger at 104 cm; water at 90 cm
	115-150	10YR 5/2	Grayish brown	Interbedded sands and silts	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	150-152	10YR 6/1	Gray	Medium sand	
G-3	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-42	10YR 6/1 and 7	Gray/strong brown	Mottled silt loam	
	42-58	10YR 6/1	Gray	Silt	
	58-76	10YR 6/1	Gray	Coarse sand	
	76-100	10YR 6/1 and 7	Gray/strong brown	Mottled silt loam	
	100-130	10YR 6/1	Gray	Coarse sand, increasing coarseness with depth	
	130-135	10YR 6/1	Gray	Silt loam	
	135-150	Gley 1 N5	Gray	Gley silt with fine sand	
	150-153	10YR 4/1	Dark gray	Silt with fine sand	
	153-210	Gley 1 N5	Gray	Gley silt with fine sand; sand content increasing with depth	
	210-213	10YR 5/3	Brown	Silt	
	213-228	2.5Y 2.5/1	Black	Peat	
G-4	0-45	10YR 2/2	Very dark brown	Silty clay loam, mottling from 16-21 cm	Charcoal flakes and chunks
	45-65	10YR 6/1	Gray	Silt	
	65-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Water at 90 cm
	90-205	10YR 5/2	Grayish brown	Interbedded sands (medium to coarse) and silts	Auger at 105 cm
	205-220	2.5Y 2.5/1	Black	Peat	
G-5	0-23	10YR 2/2	Very dark brown	Silty clay loam	
	23-107	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	107-115	5YR 5/4	Reddish brown	Coarse sand	Auger at 100 cm
	115-140	10YR 6/1	Gray	Medium sand	
	140-172	Gley 1 N5	Gray	Sand	
	172-181	Gley 1 N5	Gray	Silt	
	181-186	2.5Y 2.5/1	Black	Peat	
	186-210	Gley 1 N5	Gray	Silt	
	210-230	Gley 1 N5	Gray	Silt with organic fibers	
	230-250	Gley 1 N5	Gray	Silt, no organics	
G-6	0-34	10YR 2/2	Very dark brown	Silty clay loam	
	34-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Auger at 90 cm
	90-187	10YR 5/2	Grayish brown	Interbedded sands (fine) and silts	
G-7	0-29	10YR 2/2	Very dark brown	Silty clay loam	
	29-31	2.5Y 2.5/1	Black	Silt	Charcoal flecks
	31-73	10YR 6/1	Gray	Silt loam	
	73-95	10YR 4/1	Dark gray	Loam	
	95-100	10YR 6/1	Gray	Medium grained sand	No peat
G-8	0-51	10YR 2/2	Very dark brown	Silty clay loam	
	51-72	10YR 6/1	Gray	Silt loam	
	72-100	10YR 4/1	Dark gray	Loam	No peat
G-9	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-47	10YR 6/1	Gray	Silt loam	
	47-98	10YR 4/1	Dark gray	Loam	No peat
G-10	0-22	10YR 2/2	Very dark brown	Silty clay loam	
	22-62	10YR 6/1	Gray	Silt	
	62-90	10YR 4/1	Dark gray	Silt loam	
	90-100	10YR 6/1	Gray	Medium grained sand	
G-11	0-62	10YR 2/2	Very dark brown	Silty clay loam with a few thin layers of interbedded sand and silt	
	62-85	Gley 1 N5	Gray	Gley coarse sand	
	85-104	Gley 1 N5	Gray	Gley silt	
G-12	0-59	10YR 2/2	Very dark brown	Silty clay loam with a few thin layers of interbedded sand and silt	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	59-117	Gley 1 N5	Gray	Gley coarse sand with interbedded silt	Auger at 117 cm
	117-139	Gley 1 N5	Gray	Gley coarse sand	
	139-142	2.5Y 2.5/1	Black	Peat	
	142-144	Gley 1 N5	Gray	Gley coarse sand, Many gravels, impenetrable at 144 cm	
G-13	0-28			Gravels, 100% rounded gravels, possibly used for road grade	Wire fragments at 20 cm
	28-83	Not noted	Not noted	Coarse sand , about 10% rounded to subrounded pebbles	
	83-100	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands	
	100-130	10YR 4/1	Dark gray	Silt	
H-1	0-42	10YR 2/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks
	42-70	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Compact; water at 35 cm
	70-100	10YR 5/2	Grayish brown	Interbedded sands and silts	
	100-120	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Auger at 110 cm
	120-160	10YR 5/2	Grayish brown	Interbedded sands and silts	
H-2	0-47	10YR 2/2	Very dark brown	Silty clay loam	
	47-150	10YR 6/1	Gray	Silt loam	Auger at 83 cm
	150-154	Gley 1 N5	Gray	Medium grained sand	
	154-190	Gley 1 N5	Gray	Silt loam	
	190-194	Gley 5Y 4/1	Dark gray	Gley silt loam	
	194-203	10YR 3/1	Very dark gray	Gley silt loam	
	203-240	Gley 1 N5	Gray	Gley silt loam	No peat throughout
H-3	0-22	10YR 2/2	Very dark brown	Silty clay loam	
	22-60	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	60-110	10YR 1/1 and 7.5YR 4/6	Light gray/strong brown	Mottled silt	
	110-152	10YR 4/1	Dark gray	Sand, increasing coarseness with depth	
H-4	0-43	10YR 2/2	Very dark brown	Loam with strong brown mottles from 28-43 cm	Charcoal flakes and chunks
	43-60	10YR 6/1	Gray	Medium grained sand	Water at 40 cm; auger at 95 cm
	60-110	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	110-185	10YR 5/2	Grayish brown	Interbedded sands and silts	
	185-225	Gley 1 5B 6/1	Blue gray	Loam trending to clay loam	
H-5	0-40	10YR 2/2	Very dark brown	Loam	
	40-64	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	64-190	10YR 5/2	Grayish brown	Interbedded sands and silts	
	190-245	10YR 6/1	Gray	Coarse sand	
	245-254	10YR 6/1	Gray	Silty clay loam	
H-6	0-26	10YR 2/2	Very dark brown	Silty clay loam	
	26-130		Gray	Loam	Auger at 84 cm
	130-140	Not noted	Not noted	Coarse sand	
	140-152	Gley 1 N5	Gray	Gley medium grained sand	
	152-200	Gley 1 N5	Gray	Gley silt loam	
H-7	0-43	10YR 2/2	Very dark brown	Silty clay loam	
	43-95	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	95-132	10YR 5/2	Grayish brown	Interbedded sands and silts	
	132-215	10YR 4/1	Dark gray	Silt loam	
	215-232	2.5Y 2.5/1	Black	Peat	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
H-8	0-24	10YR 2/2	Very dark brown	Loam	Wet
	24-82	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Water at 80 cm
	82-210	10YR 5/2	Grayish brown	Interbedded sands and silts	Auger depth not noted
	210-22	2.5Y 2.5/1	Black	Peat	
H-9	0-10	10YR 2/2	Very dark brown	Silty clay loam	
	10-113	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
H-10	0-11	10YR 2/2	Very dark brown	Silty clay loam	
	11-65	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	65-70	10YR 6/1	Gray	Medium grained sand	
	70-117	10YR 5/2	Grayish brown	Interbedded sands and silts	Water at 100 cm
H-11	0-21	10YR 2/2	Very dark brown	Loam	
	21-102	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Water at 102 cm
	102-119	10YR 6/1	Gray	Medium to coarse sand	
H-12	0-27	10YR 2/2	Very dark brown	Silty clay loam	
	27-50	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	50-64	2.5Y 2.5/1	Black	Peat	
	64-68	10YR 7/1	Light gray	Silt	
	68-104	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands, about 5% rounded to sub rounded pebbles; large cobble at 104 cm	Water at 80 cm
H-13	0-20	10YR 2/2	Very dark brown	Loam, Aafew rounded to subrounded pebbles	
	20-75	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam with some peat	
	75-108	10 YR 3/1	very dark gray	Silt, large cobble at 104 cm	
I-1	0-33	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	Roots
	33-65	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	65-100	10YR 5/2	Grayish brown	Interbedded sands and silts	
I-2	0-28	10YR 2/2	Very dark brown	Silty clay loam	
	28-98	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	98-100	10YR 5/2	Grayish brown	Interbedded sands (coarse) and silts	
I-3	0-28	10YR 2/2	Very dark brown	Silty clay loam	
	28-88	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	88-92	5YR 5/4	Reddish brown	Coarse sand	
	92-100	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	No peat
I-4	0-23	10YR 2/2	Very dark brown	Loam	Charcoal flakes and chunks
	23-66	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	66-105	10YR 5/2	Grayish brown	Interbedded sands (medium) and silts	Water at 70 cm
I-5	0-28	10YR 2/2	Very dark brown	Loam	
	28-54	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	54-102	10YR 5/2	Grayish brown	Interbedded sands and silts	
I-6	0-26	10YR 2/2	Very dark brown	Silty clay loam	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	26-98	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam; increasing compaction and oxidation with depth	
I-7	0-24 24-72 72-110	10YR 2/2 10YR 6/1 and 7.5YR 4/6 10YR 5/2	Very dark brown Gray/strong brown Grayish brown	Silty clay loam Mottled silt Interbedded sands and silts	Water at 85 cm; auger at 110 cm
I-8	0-23 23-110 110-140 140-190 190-235	10YR 2/2 10YR 6/1 and 7.5YR 4/6 10YR 5/2 10YR 6/1 and 7.5YR 4/6 2.5Y 2.5/1	Very dark brown Gray/strong brown Grayish brown Gray/strong brown Black	Silty clay loam Mottled silt Interbedded sands and silts Mottled clayey silt Peat	
I-9	0-24 24-54 54-110 110-170 170-215 215-240	10YR 2/2 10YR 6/1 10YR 6/1 and 7.5YR 4/6 10YR 5/2 2.5Y 2.5/1 2.5Y 2.5/1	Very dark brown Gray Gray/strong brown Grayish brown Black Black	Silty clay loam Medium sand Mottled silt loam Interbedded sands and silts Peat Peat with interbedded dark gray coarse sands	Auger at 100 cm
I-10	0-30 30-55 55-82 82-160 160-265	10YR 2/2 10YR 6/1 10YR 6/1 and 7.5YR 4/6 10YR 5/2 2.5Y 2.5/1	Very dark brown Gray Gray/strong brown Grayish brown Black	Silty clay loam, some small gravels Medium sand, some small gravels Mottled silt loam Interbedded sands and silts Peat with interbedded dark gray coarse sands; sand compaction increasing with depth, Impenetrable gravels at 265 cm	Auger at 105 cm
I-11	0-38 38-78	10YR 2/2 10YR 6/1 and 7.5YR 4/6	Very dark brown Gray/strong brown	Silty clay loam Mottled clayey silt with some very dark brown silty clay loam (above), a few small gravels	Water at 10 cm Water caused hole to back fill, couldn't excavate past 78 cm
I-12	0-16 16-62 62-110	10YR 2/2 10YR 6/1 and 7.5YR 4/6	Very dark brown Gray/strong brown	Silty clay loam Mottled silt with medium sand at interface Medium gray sand with mottled, coarser with depth; impenetrable gravels at 110 cm	Water at 85 cm
I-13	0-27 27-75	10YR 2/2	Very dark brown Grayish brown	Silt loam, few gravels Medium sand, increasing coarseness with depth, rounded to subrounded stream-rolled gravels	Roots Decomposing stump, wet wood fragments at 36-62 cm
J-1	0-20 20-67 67-90	10YR 2/2 10YR 6/1 and 7.5YR 4/6 10YR 5/2	Very dark brown Gray/strong brown Grayish brown	Silty clay loam, a few rounded to subrounded gravels Mottled silt with medium sand at interface Interbedded sands and silts	Water at 70 cm
J-2	0-19 19-94 94-105	10YR 2/2 10YR 6/1 and 7.5YR 4/6 10YR 5/2	Very dark brown Gray/strong brown Grayish brown	Silty clay loam, <5% rounded to sub-angular gravels Mottled silt with medium sand at interface Interbedded sands (coarse) and silts	Area may have been graded
J-3	0-26 26-44	10YR 2/2 10YR 6/1 and 7.5YR 4/6	Very dark brown Gray/strong brown	Silty clay loam Mottled silt loam	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	44-100	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled sandy loam	No peat
J-4	0-29	10YR 2/2	Very dark brown	Silty clay loam, a few rounded to subrounded gravels	
	29-44	10YR 3/2	Dark grayish brown	Not noted	Charcoal at 39 cm
	44-78	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	78-92	10YR 5/2	Grayish brown	Interbedded sands (medium) and silts	Water at 70 cm
J-5	0-45	10YR 2/2	Very dark brown	Silty clay loam	
	45-103	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	No peat
J-6	0-42	10YR 2/2	Very dark brown	Loam	
	42-92	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
J-7	0-30	10YR 2/2	Very dark brown	Silty clay loam	
	30-45	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	45-56	10YR 2/2	Very dark brown	Silt	
	56-100	10YR 6/10	Gray	Silt	No peat
J-8	0-34	10YR 2/2	Very dark brown	Silty clay loam	Charcoal flakes and chunks
	34-37	10YR 6/10	Gray	Silt	
	37-54	10YR 2/2	Very dark brown	Fine sand	
	54-95	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	No peat
J-9	0-15	10YR 2/2	Very dark brown	Silty clay loam	1 pc black plastic sheeting
	15-44	10YR 6/10	Gray	Silt loam	
	44-70	10YR 3/3	Dark brown	Silt	Too much silt for peat
	70-75	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Water at 60 cm; no peat
J-10	0-14	10YR 2/2	Very dark brown	Silty clay loam	
	14-78	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam, <5% rounded to subrounded gravels	
	78-140	10YR 6/10	Gray	Silt	Auger at 105 cm; charcoal at 135 cm
	140-160	10YR 5/1 and 7	Gray/strong brown	Mottled silt loam	
	160-180	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Coarse sand	
	180-185	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Fine sand	
	185-190	10YR 6/10	Gray	Silt with organics	
J-11	0-17	10YR 2/2	Very dark brown	Silty clay loam	
	17-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Water at 85 cm
	90-94	10YR 6/1	Gray	Sand	
	94-110	10YR 4/1	Dark gray	Silt	Auger at 102 cm
	110-120	10YR 3/3	Dark brown	Silt with organics	
	120-138	2.5Y 2.5/1	Black	Peat	
	138-142	10YR 4/1	Dark gray	Silt	
	142-150	2.5Y 2.5/1	Black	Peat	
	150-160	10YR 6/1	Gray	Sand	
	160-190	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands, impenetrable gravel at 190 cm	
J-12	0-18	10YR 2/2	Very dark brown	Silty clay loam	
	18-75	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt, <5% gravels	
	75-81	2.5Y 2.5/1	Black	Peat	
	81-105	10YR 6/1	Gray	Silt	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
J-13	0-17	10YR 2/2	Very dark brown	Silty clay loam	1 fragment of safety glass (car windshield)
	17-52	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	52-70	Not noted	Not noted	Coarse sand	Auger at 80 cm
	70-80	10YR 6/1	Gray	Silt	
	80-120	Not noted	Not noted	Coarse sand with a peat layer (80-85 cm); sand is more coarse with depth, gravel increases with depth, to 40% at 120 cm	
K-1	0-47	10YR 2/2	Very dark brown	Silty clay loam, a few small gravels	Roots
	47-102	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loams with sands interbedded at 47-60 cm	Water at 70 cm
K-2	0-27	10YR 2/2	Very dark brown	Loam	
	27-90	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam, sand increasing with depth	
	90-105	10YR 5/2	Grayish brown	Sandy loam	
	105-107	10YR 6/1	Gray	Gray silt with strong brown mottles	
K-3	0-54	10YR 2/2	Very dark brown	Silty clay loam	Stopped screening at 70 cm
	54-110	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
K-4	0-42	10YR 2/2	Very dark brown	Silty clay loam	
	42-62	10YR 6/1	Gray	Silt loam	
	62-85	10YR 2/2	Very dark brown	Silty clay loam	
	85-100	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
K-5	0-48	10YR 2/2	Very dark brown	Loam	2 pcs clear glass
	48-84	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Damp
	84-120	10YR 5/2	Grayish brown	Interbedded sands (coarse) and silts	Water at 100 cm
K-6	0-22	10YR 2/2	Very dark brown	Loam	
	22-55	10YR 4/2	Dark grayish brown	Fine sand with silt	
	55-82	10YR 3/2	Very dark grayish brown	Silt loam	
	82-100	10YR 6/2	Light brownish gray	Mottled silt	
K-7	0-16	10YR 2/2	Very dark brown	Silty clay loam	
	16-60	Not noted	Not noted	Fine sand	
	60-90	10YR 6/1	Gray	Compact silt	
K-8	0-16	10YR 2/2	Very dark brown	Silty clay loam, few gravels	
	16-120	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam with medium sand at interface	
K-9	0-33	10YR 2/2	Very dark brown	Silt loam	Moist, with roots
	33-95	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled clayey silt compact	
	95-100	10YR 5/2	Grayish brown	Interbedded sands and silts	
K-10	0-32	10YR 2/2	Very dark brown	Silty clay loam	Auger at 98 cm
	32-152	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	152-180	10YR 5/2	Grayish brown	Interbedded sands (medium) and silts	
	180-210	10YR 4/1	Dark gray	Coarse sand	
	210-213	2.5Y 2.5/1	Black	Peat	
	213-240	10YR 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled silt loam	
	240-250	10YR 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled silt loam	
K-11	0-29	10YR 2/2	Very dark brown	Silty clay loam	Auger at 109 cm
	29-136	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Interbedded sand and silt	
	136-240	2.5Y 2.5/1	Black	Peat with interbedded dark gray silt, silt increasing with depth	
	240-250	Gley 1 4/N	Dark gray	Medium sand	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	250-256	10YR 6/1	Gray	Peat with interbedded silt	
K-12	0-13	10YR 3/2	Very dark grayish brown	Silt with fine sand	
	13-27	2.5Y 4/2	Dark grayish brown	Silt	
	27-30	2.5Y 5/2	Grayish brown	Silt	
	30-49	2.5Y 4/2	Dark grayish brown	Silt with oxidized mottled	
	49-95	2.5Y 5/2	Grayish brown	Silt with oxidized mottled	
	95-120	2.5Y 2.5/1	Black	Peat	
	120-210	Gley 1 N3	Dark gray	Medium grained sand	
	210-225	2.5Y 2.5/1	Black	Peat	
	225-243	Gley 1 N3	Dark gray	Medium grained sand	
	243-244			Impenetrable sandy gravel	Auger depth not noted
K-13	0-30	2.5Y 3/3	Dark olive brown	Silty fine sand; oxidized streaks	
	30-109	10YR 5/1	Gray	Silt with very slight sand content; oxidation stains	
	109-130	2.5Y 2.5/1	Black	Peat	
	130-165	2.5Y 3/1	Very dark gray	Coarse sand	
	165-180	2.5Y 2.5/1	Black	Peat	
	180-210	2.5Y 3/1	Very dark gray	Coarse sand , <5% subrounded gravels	Auger depth not noted
K-14	0-30	10YR 3/2	Very dark grayish brown	Silt with fine sand; 24-26 cm is a thin layer of gray coarse sand	
	30-160	Gley 1 N4	Dark gray	Coarse sand interbedded with peat layer and woody debris	
	160-175	Gley 1 N4	Dark gray	Coarse sand	
J/K-14	0-31	10YR 3/2	Very dark grayish brown	Fine sandy silt; slight oxidization	Charcoal
	31-60	2.5Y 4/2	Dark grayish brown	Silt with sand; heavy oxidization	
	60-74	2.5Y 4/1	Dark gray	Gravelly coarse sand	
	74-90	2.5Y 2.5/1	Black	Peat	
	90-110	2.5Y 3/1	Very dark gray	Silt	
	110-175	2.5Y	Very dark gray	Very coarse sand and subrounded gravels	Auger depth not noted
L-1	0-55	10YR 3/3		Silty sand	
	55-110	2.5 Y 4/4	Dark gray	Fine to medium sand with some strong brown 10YR 3/3 mottles	
	110-114	2.5Y 3/1		Medium to coarse sands	Water at 110 cm
L-7	0-34	10YR 2/2	Very dark brown	<1% rounded to angular gravels	Synthetic twine at 13 cm
	34-94	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	94-102	10YR 6/2	Gray brown	sandy silt	
	102-106	10YR 6/2	Light brownish gray	Silt with fine sand	
	106-141				Auger at 108 cm
	141-150	10YR 4/1	Dark gray	Silt	
	150-154	7.5YR 4/1	Dark gray	Silt with very little fine sand with 7.5YR 4/6 mottles	Charcoal
	154-270	Gley 1 4/10Y	Dark green gray	Back to 10YR1/1 dark gray silt and then coarse sand and back and forth to 10YR 4/1 at bottom with fibrous peat inclusions	
L-8	0-38	10YR 2/2	Very dark brown	Silty clay loam	
	38-94	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	94-102	10YR 6/2	Light brownish gray	Silt with sand between 7.5YR 4/6 ferrous nodules	
	102-230	10YR 5/2	Grayish brown	Interbedded sands and silts; some peat chunks at 200-230 cm	Auger at 108 cm

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	230-244	Gley 1 3/10GY	Very dark green gray	Clayey silt	
	244-264	Gley 1 3/10GY	Very dark green gray	Coarse sand	
L-9	0-38	10YR 2/2	Very dark brown	Silty clay loam, <1% rounded to subrounded gravels	
	38-136	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	Auger at 96 cm
	136-146	10YR 4/1	Dark gray	Silt with strong brown (7.5YR 4/6) mottles	Charcoal
	146-190	10YR 7/1	Light gray	Silt to medium sandy silt	
	190-215	2.5Y 2.5/1	Black	Peat interbedded with dark gray silt	
L-10	0-29	10YR 2/2	Very dark brown	Silty clay loam	
	29-19	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
L-11	0-35	10YR 3/2	Very dark grayish brown	Silt loam, <1% rounded to subrounded gravels	Charcoal
	35-60	10YR 2/2	Very dark brown	Silt with 7.5YR 4/6 strong brown and 10YR 4/2 dark grayish brown mottles	Charcoal increases; this level is possibly due to fluctuating water levels and upward mobility of sediments from below; probe was located in low swale along Bear Creek
	60-160	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	Auger at 102 cm
	160-200	10YR 5/2	Grayish brown	Interbedded sands and silts	
	200-230	10YR 3/1	Very dark gray	Interbedded sand, silt, and peat	
L-12	0-29	10YR 3/3	Dark brown	Fine sandy silt	
	29-45	2.5Y 5/2	Grayish brown	Silt with slight fine sand content; moderate oxidization	
	45-62	2.5Y 3/2	Very dark grayish brown	Silt with high organic content	
	62-115	2.5Y 5/2	Grayish brown	Silt with some fine sand; moderate to heavy oxidization staining	
	115-160	7.5YR 4/6	Strong brown	Coarse sand; highly oxidized	
	160-190	Gley 2 5/10 G	Greenish blue	Medium to coarse sand	
	190-240	Gley 2 5/10 G	Greenish blue	Silt	Auger depth not noted
L-13	0-30	10YR 4/3	Brown	Fine sandy silt	
	30-91	2.5Y 5/2	Grayish brown	fine sandy silt; moderate oxidization	
	91-140	2.5Y 3/2	Very dark grayish brown	Silt; abrupt transition	
	140-170	Gley 2 5/10GY	Greenish gray	Silt clay	
	170-190	2.5Y 2.5/1	Black	Peat	Water at 185 cm
	190-230	Gley 2 5/10GY	Greenish gray	Interbedded peat and fine to medium grained sand	Auger depth not noted
L-14	0-39	10YR 3/2	Very dark grayish brown	Not noted	
	39-101	Gley 1 N4	Dark gray	Coarse grained sand interbedded with peat and woody debris	
	101-120	Not noted	Not noted	Coarse sand	Auger at 105 cm
	120-122	Gley 1 N4	Dark gray	Clay	
	122-135	2.5Y 2.5/1	Black	Peat	
	135-155	Not noted	Not noted	Coarse sand and gravel	
M-7	0-84	10YR 3/3	Very dark brown	Silt with fine sand and some loam, < 1% rounded to angular gravels	
	84-105	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam, ~20% rounded to subrounded gravels	

Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
	105-145	10YR 4/1	Dark gray	Coarse sand	Auger at 108 cm
	145-175	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands , rounded to subrounded gravels	
M-8	0-26	10YR 2/2	Very dark brown	Sandy loam	Charcoal; auger at 102 cm
	26-130	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt loam	
	130-138	10YR 6/1	Gray	Sand	
	138-161	10YR 4/1	Dark gray	Silt loam	
	161-200	10YR 4/1	Dark gray	Silt	
	200-233	10YR 4/1	Dark gray	Medium grained sand	
	233-257	10YR 4/1	Dark gray	Silt with organics	
M-9	0-33	10YR 3/3	Very dark brown	Sandy loam	Auger depth not noted
	33-132	10YR 6/1 and 7.5YR 4/6	Gray/strong brown	Mottled silt	
	132-150	10YR 5/2	Grayish brown	Interbedded sands and silts	
	150-200	10YR 4/1 and 7.5YR 4/6	Dark gray/strong brown	Mottled sand with peat, wood	
	200-220	10YR 4/1	Dark gray	Coarse sand	
	220-245	2.5Y 2.5/1	Black	Peat with interbedded dark gray coarse sands	
M-11	0-24	10YR 4/3	Brown	Silt loam	Auger at 105 cm
	24-62	2.5Y 5/2	Grayish brown	Silt loam	
	62-66	10YR 2/1	Black	Silt	
	66-125	2.5Y 5/2	Grayish brown	Silt loam	
	125-260	Gley 2 5/10GY	Greenish gray	Interbedded gley silt, sand, peat	
M-12	0-35	2.5Y 4/3	Brown	Fine sand	Water at 180 cm
	35-150	2.5Y 5/2	Grayish brown	Not noted	
	150-165	Gley 1 4/N	Dark gray	Silt	
	165-175	2.5Y 2.5/1	Black	Peat	
	175-198	Gley 1 4/N	Gray	Fine sand	
	198-223	7.5Y 4/2	Dark gray	Silt loam	
M-13	0-15	10YR 3/2	Very dark grayish brown	Silt loam, < 1% subrounded to angular cobbles	Woody debris at base
	15-43	2.5Y 5/1	Gray	Sandy loam	
	43-70	2.5Y 4/2	Dark grayish brown	Fine silt loam; heavy oxidization staining	
	70-140	2.5Y 4/1	Dark gray	Coarse sand, subrounded, small pebbles	
	140-150	2.5Y 2.5/1	Black	Peat	
	150-165	2.5Y 4/1	Dark gray	Coarse sand, subrounded, small pebbles	Auger depth not noted
M-14	0-92	10YR 2/2	Very dark brown	Loam, 70% poorly sorted, rounded to subrounded gravels	Clear glass and plastic to 70 cm; probably fill for road grade
M-15	0-33	10YR 3/3	Dark brown	Loam, <1% rounded to subrounded gravels	
	33-85	2.5Y 5/2	Grayish brown	Silt with sand	
	85-106	7.5YR 4/6	Strong brown	Coarse sand; bog iron concretions or precipitates	
	106-260	Gley 1 N5	Gray	Interbedded gley silts and sands	
M-16	0-22	10 YR 3/3	Dark brown	Fine silt loam, Very few small subrounded gravels	Auger depth not noted
	22-46	2.5Y 5/2	Grayish brown	Fine silt loam; moderate oxidization	
	46-63	2.5Y 3/2	Very dark grayish brown	Silt; high organic content	
	63-109	2.5Y 5/2	Grayish brown	Silt	
	109-125	Gley 2 5/10 G	Greenish blue	Silt	
	125-138	2.5Y 2.5/1	Black	Peat	
	138-190	Gley 2 5/10 G	Greenish blue	Medium grained sand	
	190-240	Gley 2 5/10 G	Greenish blue	Coarse sand, few small subrounded gravels	

## Keller Site Shovel Probe Data

Shovel Probe	Depth (cm)	Munsell	Color	Sediment Description	Comments
M-17	0-46	10YR 3/3	Dark brown	Silt loam	Auger at 100 cm
	46-72	2.5Y 6/2	Grayish brown	Sandy loam	
	72-136	2.5Y 4/2	Dark grayish brown	Fine sand	
	136-250	Gley 1 N5	Gray	Interbedded gley silts and sands	
	250-252	2.5Y 2.5/1	Black	Peat	
M-18	0-26	10YR 3/3	Dark brown	Fine silt loam	
	26-75	2.5Y 3/2	Grayish brown	Fine sand; slight iron oxide staining	
	75-105	2.5Y 4/1	Dark gray	Fine silt loam	
	105-115	Gley 2 5/10 G	Greenish blue	Silt	
	115-125	2.5Y 2.5/1	Black	Peat	
	125-205	10YR 3/3	Dark brown	Medium to coarse sand; increasing coarseness with depth, pebbles at bottom	