PROJECT:	HOC-93-12.47	DRILLING FIRM/OPERATOR:	ODOT/D. Weis	DRILL RIG:	CME 75 Truck NWJ	STATION/OFFSET:	658+89, 26' Lt.	EXPLORATION ID
TYPE:	Bridge	SAMPLING FIRM/LOGGER:	ODOT/J. Sprouse	HAMMER:	Automatic	ALIGNMENT:	CL SR 93	B-001-0-25
PID: 120273	SFN: 3702162 (E)	DRILLING METHOD:	3.25" HSA	CALIBRATION DATE:	05/23/2024	ELEVATION:	751.6 (ft.) EOB: 80.0 ft.	PAGE
START: 04/07/2025	END: 04/09/2025	SAMPLING METHOD:	SPT	ENERGY RATIO (%):	89	LAT/LONG:	39.535672, -82.407475	1OF2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
ASPHALT 3.8 IN	751.2																	
CONCRETE 13.5 IN	750.1																	
GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT, medium dense, reddish brown, trace clay, damp.	748.1	1	3 4 5	13	67	SS-1		23	25	27	15	10	23	16	7	11	A-2-4(0)	
GRAVEL AND STONE FRAGMENTS WITH SAND, medium dense, reddish brown, little sand, trace clay, moist.		2	2 4 7	16	56	SS-2		-	-	-	-	-	-	-	-	11	A-1-b (V)	
		3	7 9 11	30	100	SS-3		15	44	20	14	7	NP	NP	NP	10	A-1-b(0)	
@8.5'; dense		4	13 14 16	45	83	SS-4		36	28	16	13	7	NP	NP	NP	9	A-1-b(0)	
@11.0'; medium dense		5	9 10 10	30	89	SS-5		-	-	-	-	-	-	-	-	11	A-1-b (V)	
@13.5'; dense		6	10 12 13	37	78	SS-6		-	-	-	-	-	-	-	-	9	A-1-b (V)	
	736.0 ▽	7	10 13 10	34	83	SS-7		-	-	-	-	-	-	-	-	12	A-1-b (V)	
	733.1 W 733.3	8	10 7 9	24	78	SS-8		37	24	15	13	11	28	16	12	12	A-2-6(0)	
GRAVEL AND STONE FRAGMENTS WITH SAND, SILT, AND CLAY, medium dense, reddish brown, moist.		9	7 8 8	24	72	SS-9		-	-	-	-	-	-	-	-	12	A-2-6 (V)	
GRAVEL AND STONE FRAGMENTS WITH SAND AND SILT, dense, brown and gray, trace clay, moist.	728.1	10	7 10 12	33	67	SS-10		-	-	-	-	-	-	-	-	10	A-2-4 (V)	
	723.1	11	8 9 14	34	94	SS-11		19	13	35	23	10	NP	NP	NP	13	A-2-4(0)	
GRAVEL AND STONE FRAGMENTS WITH SAND, medium dense, brown, little silt, trace clay, contains ceramic pipe and slag fragments, damp.		12	9 7 10	25	78	SS-12		45	21	19	11	4	NP	NP	NP	7	A-1-b(0)	
	718.1	13	10 10 10	30	78	SS-13		-	-	-	-	-	-	-	-	8	A-1-b (V)	
SANDY SILT, hard, brown and black, some gravel and stone fragments, little clay, damp.	715.6	14	3 2 24	39	61	SS-14	4.25	24	17	19	27	13	24	19	5	16	A-4a(1)	
SILT, stiff, brown and black, some sand, some clay, moist.		15	2 3 5	12	83	SS-15	1.00	-	-	-	-	-	-	-	-	21	A-4b (V)	
@38.5'; medium stiff, brown, wet	710.6	16	0 0 0	0	89	SS-16	0.75	0	2	21	55	22	27	18	9	26	A-4b(8)	
SANDY SILT, medium dense, brown and gray, little clay, trace gravel, wet.	710.2 ▼ 708.1	17	0 4 5	13	100	SS-17		1	5	37	44	13	NP	NP	NP	21	A-4a(4)	
COARSE AND FINE SAND, medium dense, brown and gray, little silt, trace gravel, trace clay, wet.	703.1	18	2 4 5	13	100	SS-18		5	5	70	15	5	NP	NP	NP	24	A-3a(0)	
		19	4 4 7	16	100	SS-19		-	-	-	-	-	-	-	-	25	A-3a (V)	
GRAVEL AND STONE FRAGMENTS WITH SAND, very dense, brown and reddish brown, little silt, trace clay, wet.		20	10 21 14	52	56	SS-20		46	15	20	16	3	NP	NP	NP	12	A-1-b(0)	
@53.5'; dense		21	8 11 14	37	61	SS-21		-	-	-	-	-	-	-	-	13	A-1-b (V)	
	691.6	22	14 11 11	33	56	SS-22		-	-	-	-	-	-	-	-	10	A-1-b (V)	

NOTES: Latitude/Longitude from Juniper Geode GNS3 GPS receiver. Elevation from project digital terrain model.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: Tremied 40 gal. bentonite grout; Collapsed to 35.0'; Auger cuttings mixed with 100 lbs. bentonite chips; Placed concrete & asphalt patch.

PID: 120273	SFN: 3702162 (E)	PROJECT: HOC-93-12.47	STATION/OFFSET: 658+89.21, 26.1 L	START: 04/07/2025	END: 04/09/2025	PG2 OF2	B-001-0-25

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
GRAVEL AND STONE FRAGMENTS WITH SAND, dense, brown and reddish brown, little silt, trace clay, wet.		61																
		62																
		63																
@63.5'; brown		64	8 13 11	36	83	SS-23		32	23	32	11	2	NP	NP	NP	15	A-1-b(0)	
		65																
		66																
		67																
		68																
@68.5'; medium dense		69	8 8 12	30	89	SS-24		-	-	-	-	-	-	-	-	14	A-1-b (V)	
		70																
		71																
		72																
		73																
@73.5'; dense, trace silt		74	16 14 12	39	50	SS-25		49	29	11	8	3	NP	NP	NP	10	A-1-b(0)	
		75																
		76																
		77																
		78																
@78.5'; very dense		79	11 20 22	63	56	SS-26		-	-	-	-	-	-	-	-	10	A-1-b (V)	
	671.6 EOB	80																
		81																
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NOTES: Latitude/Longitude from Juniper Geode GNS3 GPS receiver. Elevation from project digital terrain model.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: Tremied 40 gal. bentonite grout; Collapsed to 35.0'; Auger cuttings mixed with 100 lbs. bentonite chips; Placed concrete & asphalt patch.

PROJECT:	HOC-93-12.47	DRILLING FIRM/OPERATOR:	ODOT/D. Weis	DRILL RIG:	CME 75 Truck NWJ	STATION/OFFSET:	660+08, 21' Rt.	EXPLORATION ID
TYPE:	Bridge	SAMPLING FIRM/LOGGER:	ODOT/J. Sprouse	HAMMER:	Automatic	ALIGNMENT:	CL SR 93	B-002-0-25
PID: 120273	SFN: 3702162 (E)	DRILLING METHOD:	3.25" HSA	CALIBRATION DATE:	05/23/2024	ELEVATION:	750.4 (ft.) EOB: 80.0 ft.	PAGE
START: 04/01/2025	END: 04/02/2025	SAMPLING METHOD:	SPT	ENERGY RATIO (%):	89	LAT/LONG:	39.535986, -82.407274	1OF2

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
ASPHALT 2.5 IN	750.1																	
CONCRETE 13.0 IN	749.1																	
GRAVEL WITH SAND, very stiff, brown, little silt, trace clay, damp.			2 6 6	18	67	SS-1		26	32	21	13	8	19	14	5	8	A-1-b(0)	
@3.5'; moist			4 6 6	18	78	SS-2		-	-	-	-	-	-	-	-	12	A-1-b (V)	
			6 6 6	18	72	SS-3		-	-	-	-	-	-	-	-	10	A-1-b (V)	
	741.9																	
GRAVEL WITH SAND AND SILT, medium dense, brown, little clay, damp.			8 5 10	22	89	SS-4		19	34	18	18	11	24	15	9	10	A-2-4(0)	
@11.0'; dense			7 11 15	39	100	SS-5		-	-	-	-	-	-	-	-	10	A-2-4 (V)	
	736.9	▽ 736.6																
GRAVEL WITH SAND, dense, brown, little silt, trace clay, damp.			14 16 17	49	94	SS-6		16	37	27	13	7	NP	NP	NP	9	A-1-b(0)	
			10 8 13	31	100	SS-7		29	25	23	15	8	21	15	6	10	A-1-b(0)	
	731.9																	
GRAVEL AND STONE FRAGMENTS WITH SAND, SILT, AND CLAY, medium dense, brown, damp.			8 8 12	30	83	SS-8		56	20	7	11	6	29	16	13	12	A-2-6(0)	
			6 6 9	22	78	SS-9		34	21	15	17	13	32	16	16	13	A-2-6(1)	
			7 9 11	30	61	SS-10		-	-	-	-	-	-	-	-	14	A-2-6 (V)	
	724.4																	
SILT AND CLAY, hard, brown, some sand, some stone fragments, damp.			8 9 15	36	78	SS-11	4.50	24	12	16	29	19	26	15	11	15	A-6a(3)	
	721.9																	
SILT, stiff, brown, some clay, little sand, trace stone fragments, little recovery from split spoon, additional material taken from auger, damp.			7 5 5	15	33	SS-12	2.00	-	-	-	-	-	-	-	-	13	A-4b (V)	
@33.5'; very stiff			5 5 7	18	89	SS-13	3.50	2	0	14	60	24	28	20	8	19	A-4b(8)	
	711.9																	
GRAVEL WITH SAND AND SILT, medium dense, brown, trace clay, damp.			2 4 4	12	56	SS-14		22	26	37	10	5	NP	NP	NP	8	A-2-4(0)	
		W 709.1																
	706.9																	
GRAVEL AND STONE FRAGMENTS, medium dense, brown, some sand, little silt, trace clay, wet.			7 5 10	22	44	SS-15		63	11	11	13	2	NP	NP	NP	12	A-1-a(0)	
@48.5'; poor recovery; additional auger cuttings taken			13 11 9	30	22	SS-16		-	-	-	-	-	-	-	-	13	A-1-a (V)	
	696.9																	
GRAVEL AND STONE FRAGMENTS WITH SAND, medium dense, brown, little silt, trace clay, wet.			9 9 7	24	78	SS-17		39	29	16	13	3	NP	NP	NP	15	A-1-b(0)	
@58.5'; dense			9 11 20	46	100	SS-18		-	-	-	-	-	-	-	-	12	A-1-b (V)	
	690.4																	

NOTES: Latitude/Longitude from Juniper Geode GNS3 GPS receiver. Elevation from project digital terrain model.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: Tremied 40 gal. bentonite grout; Collapsed to 32.2'; Auger cuttings mixed with 100 lbs. bentonite chips; Placed concrete & asphalt patch.

PID: 120273	SFN: 3702162 (E)	PROJECT: HOC-93-12.47	STATION/OFFSET: 660+07.97, 20.8 R	START: 04/01/2025	END: 04/02/2025	PG2 OF2	B-002-0-25

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N_{60}	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%) GR	CS	FS	SI	CL	ATTERBERG LL	PL	PI	WC	ODOT CLASS (GI)	BACK FILL
GRAVEL AND STONE FRAGMENTS WITH SAND, medium dense, brown, little silt, trace clay, wet.		61																
		62																
		63																
@63.5'; very dense		64	9 17 20	55	44	SS-19		-	-	-	-	-	-	-	-	12	A-1-b (V)	
		65																
		66																
		67																
		68																
@68.5'; dense, gray		69	17 16 15	46	67	SS-20		20	36	28	12	4	NP	NP	NP	12	A-1-b(0)	
		70																
		71																
		72																
		73																
		74	4 10 17	40	83	SS-21		-	-	-	-	-	-	-	-	16	A-1-b (V)	
		75																
		76																
		77																
		78																
@78.5'; very dense, trace silt		79	15 18 17	52	78	SS-22		46	26	15	9	4	NP	NP	NP	11	A-1-b(0)	
	670.4 EOB	80																
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NOTES: Latitude/Longitude from Juniper Geode GNS3 GPS receiver. Elevation from project digital terrain model.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: Tremied 40 gal. bentonite grout; Collapsed to 32.2'; Auger cuttings mixed with 100 lbs. bentonite chips; Placed concrete & asphalt patch.