

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-001-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1026.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.172336, -81.814980</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4.75"), CONCRETE (8.5") & BASE 10"	1026.4	1																	
STIFF TO VERY STIFF, GRAYISH BROWN AND GRAY, SANDY SILT, LITTLE CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1024.5	2	5	3	10	28	SS-1	1.00	-	-	-	-	-	-	-	-	8	A-4a (V)	-
		3	7	4	20	50	SS-2	2.00	6	10	31	34	19	18	14	4	12	A-4a (4)	150
MEDIUM STIFF, BROWN AND GRAY, SILT AND CLAY, "AND" SAND, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST	1021.9	4	8	6	20	50	SS-2	2.00	6	10	31	34	19	18	14	4	12	A-4a (4)	150
		5	1	3	11	33	SS-3	0.50	18	9	28	22	23	27	15	12	19	A-6a (3)	130
		6	4	5	16	72	SS-4	0.50	-	-	-	-	-	-	-	-	-	A-6a (V)	-
	1018.9	7	5	6	16	72	SS-4	0.50	-	-	-	-	-	-	-	-	-	A-6a (V)	-
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:29 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-002-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1029.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/29/19</u> END: <u>5/29/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.173426, -81.815022</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4"), CONCRETE (9") & BASE (5")	1029.4																		
STIFF, BROWN, SANDY SILT, SOME CLAY, TRACE GRAVEL, MOIST	1027.9	1	1																
@3.0'; LITTLE CLAY, DAMP		2	2	7	50	SS-1	2.00	7	12	19	30	32	24	15	9	16	A-4a (5)	150	
@4.5'; MOIST		3	3																
@6.0'; MEDIUM STIFF		4	4	8	22	SS-2	1.50	9	28	26	22	15	21	15	6	11	A-4a (0)	160	
@7.0'; STIFF		5	4	5	16	SS-3	1.50	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
		6	6	3	6	SS-4A	0.50	-	-	-	-	-	-	-	-	19	A-4a (V)	-	
	1021.9	7	2	2	6	SS-4B	2.00	-	-	-	-	-	-	-	-	15	A-4a (V)	-	
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:29 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-003-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1026.9 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.174383, -81.814973</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	HOLE SEALED
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4.75"), CONCRETE (7.5") & BASE (6")	1026.9	1																	
VERY STIFF TO HARD, BROWN, SILT AND CLAY , SOME GRAVEL AND STONE FRAGMENTS, LITTLE SAND, DAMP @3.0'; TRACE GRAVEL AND STONE FRAGMENTS, MOIST	1025.4	2	2																
		3	5	26	78	SS-1	4.00	28	6	11	26	29	28	17	11	12	A-6a (4)	290	
		4	8	31	67	SS-2	4.00	7	5	10	37	41	30	17	13	16	A-6a (9)	170	
		5	11	28	89	SS-3	4.00	-	-	-	-	-	-	-	-	-	17	A-6a (V)	-
		6	11	31	100	SS-4	4.00	-	-	-	-	-	-	-	-	-	18	A-6a (V)	-
		7	10																
	1019.4	EOB	12																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:29 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-004-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1020.5 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.175554, -81.814827</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	HOLE SEALED		
								GR	CS	FS	SI	CL	LL	PL	PI				WC	
ASPHALT (7"), CONCRETE (9") & BASE (2")	1020.5	1																		
STIFF, GRAYISH BROWN, SILT AND CLAY , SOME SAND, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST @3.5'; VERY STIFF, LITTLE SAND	1019.0	2	1	10	33	SS-1	2.00	12	6	16	29	37	28	15	13	16	A-6a (7)	230		
		3	3	6																
		4	7	7	20	56	SS-2	2.00	13	6	12	30	39	30	16	14	15	A-6a (8)	190	
		5	4	7	23	50	SS-3	2.50	-	-	-	-	-	-	-	-	16	A-6a (V)	-	
		6	3	9																
		7	6	10	23	61	SS-4	4.00	-	-	-	-	-	-	-	-	17	A-6a (V)	-	
		EOB	1013.0																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:29 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-005-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	PAGE 1 OF 1
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1015.4 (MSL)</u> EOB: <u>7.5 ft.</u>	
START: <u>5/29/19</u> END: <u>5/29/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.176614, -81.814442</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4.5"), CONCRETE (9") & BASE (5.5")	1015.4	1																	
STIFF, BROWN AND GRAY, SILT AND CLAY , SOME SAND, TRACE GRAVEL, MOIST @3.0'; VERY STIFF	1013.8	2	2	6	22	SS-1	1.50	-	-	-	-	-	-	-	17	A-6a (V)	-		
VERY STIFF, DARK GRAY, SANDY SILT , LITTLE CLAY, LITTLE GRAVEL, DAMP @6.0'; GRAY AND BROWN MOTTLED, "AND" CLAY, TRACE GRAVEL, MOIST	1010.9	3	1	12	50	SS-2	2.50	6	9	15	31	39	31	17	14	19	A-6a (9)	<100	
		4	3	5															
		5	9	7	22	SS-3	2.50	13	13	22	32	20	26	19	7	16	A-4a (3)	110	
		6	3	8															
	1007.9	7	6	8	20	SS-4	2.50	6	7	12	38	37	27	17	10	16	A-4a (8)	-	
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-006-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1009.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE <u>1 OF 1</u>
START: <u>5/28/19</u> END: <u>5/28/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.177566, -81.813748</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4"), CONCRETE (9.5") & BASE (5.5")	1009.6																		
	1008.0	1																	
VERY STIFF TO HARD, BROWN AND GRAY MOTTLED, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL, DAMP TO MOIST		2	1	17	56	SS-1	4.00	5	6	12	36	41	28	17	11	17	A-6a (8)	<100	
		3	2	33	78	SS-2	4.00	7	5	12	38	38	29	17	12	13	A-6a (9)	280	
@4.5'; GRAYISH BROWN		4	10																
		5	6	29	78	SS-3	4.00	-	-	-	-	-	-	-	-	16	A-6a (V)	-	
@6.0'; GRAY		6	8																
		7	7	42	100	SS-4	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
	1002.1	7	11																
		EOB	18																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-007-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1002.1 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.178383, -81.812755</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4"), CONCRETE (9") & BASE (9")	1002.1	1																	
	1000.3	2	1	9	89	SS-1A	-	-	-	-	-	-	-	-	5				
VERY STIFF, GRAY, SANDY SILT, "AND" CLAY, TRACE GRAVEL AND STONE FRAGMENTS, MOIST @3.0'; STIFF		3	2	4		SS-1B	2.50	5	5	11	38	41	25	15	10	16	A-4a (8)	510	
		4	4	5	13	72	SS-2	2.00	2	7	12	40	39	24	15	9	16	A-4a (8)	420
		5	3	5	14	100	SS-3	2.00	-	-	-	-	-	-	-	17	A-4a (V)	-	
@6.0'; VERY STIFF		6	4	5	16	100	SS-4	2.00	-	-	-	-	-	-	-	16	A-4a (V)	-	
	994.6	7	5	6															
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-008-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>995.9 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE <u>1 OF 1</u>
START: <u>5/28/19</u> END: <u>5/28/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.179210, -81.811803</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (3.5"), CONCRETE (8.5") & BASE (6")	995.9																		
	994.4	1																	
VERY STIFF, GRAYISH BROWN, SILT AND CLAY, LITTLE SAND, TRACE GRAVEL, MOIST		2	1	16	39	SS-1	3.00	4	3	9	45	39	29	17	12	19	A-6a (9)	540	
@3.0'; STIFF, GRAY		3	2	16	28	SS-2	1.50	8	3	10	47	32	30	19	11	20	A-6a (8)	190	
@4.5'; BROWN AND GRAY MOTTLED		4	4	20	50	SS-3	1.50	5	5	11	42	37	30	18	12	16	A-6a (9)	140	
@6.0'; HARD		5	2	32	67	SS-4	4.00	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
	988.4	6	5																
		7	11																
		EOB	11																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-009-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>992.0 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.179963, -81.810758</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (6"), CONCRETE (7") & BASE (5")	992.0	1																	
VERY STIFF, BROWN, SANDY SILT , "AND" CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	990.5	2	2	16	50	SS-1	2.50	2	5	11	44	38	26	16	10	15	A-4a (8)	190	
VERY STIFF, BROWN, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP TO MOIST	989.0	3	3	23	78	SS-2	3.50	1	5	10	41	43	30	17	13	17	A-6a (9)	170	
		4	7	23	78	SS-2	3.50	1	5	10	41	43	30	17	13	17	A-6a (9)	170	
		5	3	27	67	SS-3	3.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
		6	7	27	67	SS-3	3.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-	
		W 985.5	5	12															
	984.5	EOB	6	21	56	SS-4	3.50	-	-	-	-	-	-	-	-	20	A-6a (V)	-	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-010-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>991.7 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/28/19</u> END: <u>5/28/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.180789, -81.809803</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4"), CONCRETE (9") & BASE (5")	991.7																		
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, MOIST	990.2	1																	
	988.7	2	1	4	22	28	SS-1	3.00	7	6	11	35	41	27	15	12	15	A-6a (9)	330
VERY STIFF, BROWN MOTTLED WITH GRAY, SANDY SILT , "AND" CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP		3	2	11	33	50	SS-2	2.50	6	6	11	34	43	28	18	10	14	A-4a (8)	260
		4	2	11	33	50	SS-2	2.50	6	6	11	34	43	28	18	10	14	A-4a (8)	260
		5	2	4	16	44	SS-3	2.00	-	-	-	-	-	-	-	-	17	A-4a (V)	-
		6	3	7	19	44	SS-4	2.00	-	-	-	-	-	-	-	-	17	A-4a (V)	-
	984.2	7	6	7	19	44	SS-4	2.00	-	-	-	-	-	-	-	-	17	A-4a (V)	-
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-011-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>993.2 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.181548, -81.808762</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (12") & BASE (6")	993.2	1																	
STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, MOIST @3.0'; VERY STIFF, LITTLE STONE FRAGMENTS AND ASPHALT FRAGMENTS @4.5'; BROWN AND GRAY MOTTLED	991.7	2	3	9	44	SS-1	1.00	6	6	12	35	41	25	14	11	15	A-6a (8)	<100	
		3	2	3															
		4	4	4	17	56	SS-2	3.00	17	6	12	30	35	28	15	13	15	A-6a (7)	1200
		988.7	5	4	4	13	SS-3	2.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-
			6	4	4	5													
			7	6	4	5													
		985.7	EOB	6	18	67	SS-4	2.50	-	-	-	-	-	-	-	-	13	A-6a (V)	-

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. WATER APPEARS TO BE FROM AGGREGATE BASE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-012-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>994.8 (MSL)</u> EOB: <u>5.3 ft.</u>	PAGE 1 OF 1
START: <u>5/28/19</u> END: <u>5/28/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.182365, -81.807815</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (4.5"), CONCRETE (8.5") & BASE (9")	994.8	1																
	993.0	2	1			SS-1A	-	-	-	-	-	-	-	-	-	5		
VERY STIFF, GRAY AND BROWN, SANDY SILT , SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP	991.8	3	3	9	22	SS-1B	2.50	16	6	9	34	35	25	15	10	6	A-4a (7)	3500
		4	3															
VERY STIFF, GRAY AND BROWN, SILT AND CLAY , SOME SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP TO MOIST		5	4	19	56	SS-2	2.00	7	8	13	32	40	29	17	12	17	A-6a (8)	180
@4.5' - 5.3'; AUGER REFUSAL ON CONCRETE	989.5	5	20		44	SS-3	4.50	-	-	-	-	-	-	-	-	9	A-6a (V)	-
		EOB	50/3"															

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-013-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>996.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.183090, -81.806823</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4.5"), CONCRETE (9") & BASE (4.5")	996.4																		
	994.9	1																	
STIFF, GRAYISH BROWN, SANDY SILT , SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP TO MOIST @3.0'; VERY STIFF, GRAY		2	3	1	4	17	SS-1	1.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-
		3		1		2													
@4.5'; STIFF		4		3	13	28	SS-2	3.50	9	6	15	41	29	22	14	8	12	A-4a (7)	370
		5		5	4	11	SS-3	1.00	7	7	15	45	26	20	14	6	13	A-4a (7)	380
@6.0'; MEDIUM STIFF		6		2	4														
	988.9	7		3	9	83	SS-4	0.50	-	-	-	-	-	-	-	-	15	A-4a (V)	-
		EOB		3															

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-014-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>997.9 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/28/19</u> END: <u>5/28/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.183907, -81.805869</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL		
								GR	CS	FS	SI	CL	LL	PL	PI				WC	
ASPHALT (5"), CONCRETE (8") & BASE (5")	997.9																			
VERY STIFF, BROWN, SANDY SILT , "AND" CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP @3.0'; HARD, BROWN AND GRAY MOTTLED, SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS @4.5'; VERY STIFF	996.4	1																		
		2	1	5	23	33	SS-1	3.50	4	3	5	46	42	28	19	9	17	A-4a (8)	190	
		3	5	14	42	44	SS-2	4.00	12	6	11	40	31	25	18	7	14	A-4a (7)	210	
		4	5	15																
		5	6	10	23	56	SS-3	4.00	-	-	-	-	-	-	-	-	-	17	A-4a (V)	-
		W 991.9	6	8	10															
		990.4	7	8	25	56	SS-4	4.00	-	-	-	-	-	-	-	-	-	16	A-4a (V)	-
		EOB	9																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-015-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1000.1 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.184675, -81.804822</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (12") & BASE (6")	1000.1																		
STIFF, BROWN AND GRAY, SANDY SILT , "AND" CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP @3.0'; VERY STIFF, SOME CLAY	998.6	1																	
		2	3	14	28	SS-1	2.00	3	2	6	49	40	25	15	10	14	A-4a (8)	<100	
		3	6	10	34	72	SS-2	3.50	7	5	13	41	34	24	14	10	12	A-4a (8)	510
		4	5	8	27	78	SS-3	3.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-
		5	6	11	27	78	SS-3	3.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-
		6	6	9	30	78	SS-4	2.50	-	-	-	-	-	-	-	-	16	A-4a (V)	-
		992.6	7	12	30	78	SS-4	2.50	-	-	-	-	-	-	-	-	16	A-4a (V)	-
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-016-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1004.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE <u>1 OF 1</u>
START: <u>5/28/19</u> END: <u>5/28/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.185490, -81.803877</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (4"), CONCRETE (8") & BASE (6")	1004.6																	
	1003.1	1																
VERY STIFF, BROWN AND GRAY MOTTLED, SANDY SILT , SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1001.6	2	1	15	33	SS-1	2.50	8	12	19	36	25	23	16	7	15	A-4a (5)	180
	1001.6	3	3	32	44	SS-2	4.00	6	3	8	50	33	23	16	7	15	A-4b (8)	180
HARD, BROWN AND GRAY MOTTLED, SILT , SOME CLAY, LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1000.1	4	12	30	67	SS-3	4.00	9	9	13	43	26	23	17	6	15	A-4a (7)	-
	1000.1	5	4	30	67	SS-3	4.00	9	9	13	43	26	23	17	6	15	A-4a (7)	-
VERY STIFF, BROWN AND GRAY MOTTLED, SANDY SILT , SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP		6	4	22	39	SS-4	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-
@6.0'; GRAY	997.1	7	6	22	39	SS-4	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-
	998.1	EOB																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. WATER APPEARS TO BE FROM AGGREGATE BASE.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-017-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1010.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.186251, -81.802839</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (4"), CONCRETE (9") & BASE (5")	1010.6	1																
STIFF, BROWN, SILT AND CLAY , LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST @3.0'; VERY STIFF	1009.1	2	1	6	28	SS-1	1.50	14	5	12	32	37	25	13	12	15	A-6a (8)	260
		3	1	9	44	SS-2	3.00	10	5	13	33	39	26	15	11	16	A-6a (8)	210
VERY STIFF, GRAYISH BROWN, SANDY SILT , LITTLE CLAY, LITTLE STONE FRAGMENTS, DAMP @5.5'; BROWN AND GRAY, SOME STONE FRAGMENTS WITH ASPHALT FRAGMENTS	1006.1	4	3	12	38	SS-3A	3.00	17	3	16	44	20	21	16	5	15	A-4a (6)	-
		5	4	15	100	SS-3B	3.00	-	-	-	-	-	-	-	-	11	A-4a (V)	-
		6	5	9	34	SS-4	3.00	25	9	16	33	17	24	16	8	14	A-4a (3)	-
	1003.1	7	9	15	100													

EOB

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-018-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1016.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE <u>1 OF 1</u>
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.187125, -81.801823</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (3.5"), CONCRETE (9") & BASE (5.5")	1016.6																	
	1015.1	1																
VERY STIFF, BROWN AND GRAY MOTTLED, SANDY SILT , SOME STONE FRAGMENTS, SOME CLAY, MOIST	1013.6	2	1	18	28	SS-1	3.50	23	7	15	34	21	22	13	9	13	A-4a (4)	160
		3	2	7														
VERY STIFF, BROWN AND GRAY MOTTLED, SILT AND CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, MOIST @4.5'; STIFF		4	5	17	83	SS-2	2.00	8	5	12	42	33	28	16	12	17	A-6a (9)	180
		5	4	7														
		6	5	14	67	SS-3	2.00	-	-	-	-	-	-	-	-	17	A-6a (V)	-
		7	2	5														
	1009.1	EOB	3	9	78	SS-4	1.50	5	4	9	43	39	30	17	13	21	A-6a (9)	-

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-019-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1022.3 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/20/19</u> END: <u>5/20/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.187823, -81.800826</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4"), CONCRETE (9") & BASE (5")	1022.3	1																	
STIFF, GRAY WITH BROWN, SILT AND CLAY , LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST	1020.8	2	2	7	39	SS-1	1.50	15	5	12	39	29	29	17	12	18	A-6a (7)	240	
VERY STIFF, BROWN AND GRAY MOTTLED, SILTY CLAY , LITTLE SAND, TRACE GRAVEL, MOIST	1019.3	3	1	7	56	SS-2	2.50	1	2	8	48	41	40	18	22	21	A-6b (13)	160	
		4	3	17	83	SS-3	2.50	-	-	-	-	-	-	-	-	20	A-6b (V)	-	
		5	3	17	89	SS-4	2.00	-	-	-	-	-	-	-	-	20	A-6b (V)	-	
	1014.8	6	3																
		7	5																
		EOB	7																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-020-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1029.2 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.188764, -81.799638</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (3"), CONCRETE (6") & BASE (9")	1029.2																	
VERY STIFF, BROWN, SANDY SILT , SOME CLAY, LITTLE STONE FRAGMENTS, DAMP	1027.7	1	2															
		2	3	14	39	SS-1	2.50	11	8	13	39	29	24	15	9	14	A-4a (7)	220
		3	5	7														
		4	6	20	72	SS-2	2.50	13	6	13	41	27	24	15	9	14	A-4a (7)	160
@4.5'; BROWN AND GRAY		5	6	8														
		6	10	30	100	SS-3	3.50	-	-	-	-	-	-	-	-	14	A-4a (V)	-
		7	4	11														
	1021.7	EOB	7	26	28	SS-4	2.00	-	-	-	-	-	-	-	-	13	A-4a (V)	-

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-021-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1035.0 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.189432, -81.798540</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (3.75"), CONCRETE (8.25") & BASE (6")	1035.0	1																	
MEDIUM DENSE, BROWN, GRAVEL , TRACE SAND, BOTTOM OF SPOON BLOCKED BY A LARGE GRAVEL, DAMP	1033.5	2	2																
	1032.0	3	4	11	11	SS-1	-	-	-	-	-	-	-	-	1	A-1-a (V)	-		
VERY STIFF, BROWN AND GRAY, SILT AND CLAY , SOME SAND, LITTLE STONE FRAGMENTS, WITH ROOTS, DAMP	1030.5	4	6	17	22	SS-2	2.00	17	10	14	30	29	29	16	13	14	A-6a (6)	100	
		5	2	9	67	SS-3	0.50	13	9	21	34	23	26	16	10	15	A-4a (4)	<100	
MEDIUM STIFF, BROWN AND GRAY, SANDY SILT , SOME CLAY, LITTLE STONE FRAGMENTS, DAMP TO MOIST	1027.5	6	2	7	50	SS-4	0.50	-	-	-	-	-	-	-	-	19	A-4a (V)	-	
		7	2	3															

EOB

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-021-1-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1036.7 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.189650, -81.798212</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (3.25"), CONCRETE (9") & BASE (5.75")	1036.7	1																
STIFF, GRAYISH BROWN, SANDY SILT , SOME CLAY, LITTLE GRAVEL, MOIST @3.0'; NOT ENOUGH MATERIAL TO TEST	1035.2	2	1	4	33	SS-1	2.00	12	7	15	38	28	25	16	9	16	A-4a (6)	170
		3	2															
	1032.2	4	3	9	11	SS-2	1.00	-	-	-	-	-	-	-	-	20	A-4a (V)	-
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, LITTLE STONE FRAGMENTS, MOIST @6.0'; VERY STIFF		5	2	28	67	SS-3	2.00	15	4	12	37	32	29	17	12	19	A-6a (8)	110
		6	9	11														
		▽ 1030.2	6	6														
	1029.2	7	6	18	11	SS-4	4.00	-	-	-	-	-	-	-	-	21	A-6a (V)	-
		EOB	7	7														

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. WATER APPEARS TO BE FROM AGGREGATE BASE.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-022-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1041.0 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE <u>1 OF 1</u>
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.190174, -81.797477</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (4.5"), CONCRETE (9") & BASE (4.5")	1041.0																		
STIFF, BROWN, SANDY SILT , SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1039.5	1																	
STIFF, BROWN, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, MOIST @4.5'; VERY STIFF	1038.0	2	1	6	33	SS-1	2.00	7	6	12	41	34	26	17	9	16	A-4a (8)	170	
		3	1	9	44	SS-2	2.00	7	6	13	36	38	30	17	13	18	A-6a (9)	250	
@6.0'; GRAY AND BROWN MOTTLED		4	4	11	44	SS-3	4.00	-	-	-	-	-	-	-	-	16	A-6a (V)	-	
		5	4	4	4														
		6	2	16	56	SS-4	3.00	-	-	-	-	-	-	-	-	22	A-6a (V)	-	
	1033.5	7	5	6	6														
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID <u>B-023-0-19</u>
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1044.7 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE <u>1 OF 1</u>
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.190864, -81.796338</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (5"), CONCRETE (8.5") & BASE (4.5")	1044.7																		
STIFF TO VERY STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS, WITH ROOTS, MOIST @3.0'; BROWN AND GRAY, MODERATELY ORGANIC (LOI = 4.8%) WITH ROOTS	1043.2	1																	
		2	1	4	33	SS-1	1.50	11	4	11	35	39	29	17	12	18	A-6a (9)	210	
		3	2																
		4	3	11	72	SS-2	2.50	13	3	13	39	32	33	21	12	23	A-6a (8)	110	
	1040.2	5	4	5															
STIFF, BROWN AND GRAY MOTTLED, SILT AND CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, WITH ROOTS, DAMP @6.0'; VERY STIFF, TRACE STONE FRAGMENTS		6	3	17	100	SS-3	1.00	-	-	-	-	-	-	-	-	19	A-6a (V)	-	
		7	4	8															
	1037.2	EOB	7	24	83	SS-4	3.00	6	5	11	38	40	29	18	11	16	A-6a (8)	-	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-024-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1045.8 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.191308, -81.795312</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI				WC
ASPHALT (5"), CONCRETE (8") & BASE (5")	1045.8																		
STIFF, BROWN AND GRAY MOTTLED, SANDY SILT , SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP @3.0'; VERY STIFF, BROWN	1044.3	1																	
		2	3	5	18	56	SS-1	1.50	14	6	12	34	34	27	18	9	15	A-4a (7)	250
		3	4	6	20	78	SS-2	4.00	12	6	14	40	28	25	18	7	15	A-4a (7)	130
@4.5'; BROWN AND GRAY, TRACE STONE FRAGMENTS, MOIST		4	8	8															
		5	8	14	40	100	SS-3	4.00	9	10	18	35	28	23	15	8	15	A-4a (6)	-
@6.0'; VERY STIFF, GRAY, LITTLE STONE FRAGMENTS, DAMP		6	5	14															
	1038.3	7	6	6	21	67	SS-4	2.50	20	7	13	39	21	19	14	5	12	A-4a (5)	-
		EOB	9																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-025-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1045.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.192018, -81.794194</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (5"), CONCRETE (9") & BASE (5")	1045.6	1																
	1044.0	2	2															
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, DAMP @3.0'; LITTLE STONE FRAGMENTS		3	3	14	39	SS-1	3.00	7	7	11	36	39	28	17	11	14	A-6a (8)	190
		4	4	6	23	SS-2	2.50	13	7	12	33	35	27	16	11	14	A-6a (7)	140
@4.5'; HARD		5	6	11	38	SS-3	4.00	-	-	-	-	-	-	-	-	14	A-6a (V)	-
	1039.6	6	8	16														
VERY STIFF, GRAY, SANDY SILT , "AND" CLAY, TRACE STONE FRAGMENTS, DAMP	1038.1	7	10	28	89	SS-4	3.50	8	9	10	35	38	25	15	10	13	A-4a (8)	-
		EOB	10	10														

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-026-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1044.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.192434, -81.793229</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG				SO4 ppm	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI	WC			ODOT CLASS (GI)
ASPHALT (5"), CONCRETE (9") & BASE (4")	1044.4																		
HARD, GRAY, SANDY SILT, SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1042.9	1	5																
		2	7	34	67	SS-1	4.00	4	6	14	42	34	23	14	9	10	A-4a (8)	530	
		3	9																
		4	10	28	78	SS-2	4.50	9	6	13	40	32	23	14	9	9	A-4a (7)	670	
@4.5'; VERY STIFF		5	6																
		6	7	20	67	SS-3	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
		7	3																
	1036.9	EOB	6	18	67	SS-4	2.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-027-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1043.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.193068, -81.792355</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (5"), CONCRETE (9") & BASE (4")	1043.4																		
VERY STIFF, GRAY, SANDY SILT, SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP	1041.9	1																	
		2	3	8	28	22	SS-1	4.00	-	-	-	-	-	-	-	10	A-4a (V)	-	
		3	8	7	20	44	SS-2	4.00	16	11	15	33	25	22	14	8	11	A-4a (5)	550
		4	7	5	16	78	SS-3	2.50	14	14	17	35	20	19	14	5	11	A-4a (4)	540
		5	5	4	6														
		6	4	6	21	56	SS-4	2.50	-	-	-	-	-	-	-	-	10	A-4a (V)	-
		7	6	9															
	1035.9	EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-027-1-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1040.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/29/19</u> END: <u>5/29/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.193729, -81.792377</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (12") & BASE (6")	1040.6																		
	1039.1	1																	
VERY STIFF, GRAY, SANDY SILT, "AND" CLAY, TRACE STONE FRAGMENTS, DAMP		2	4	17	61	SS-1	2.50	10	8	11	35	36	26	16	10	12	A-4a (7)	2500	
		3	2	8															
		4	3	12	67	SS-2	2.50	6	7	11	37	39	25	17	8	16	A-4a (8)	720	
		5	2	5															
		6	3	13	56	SS-3	2.50	-	-	-	-	-	-	-	-	16	A-4a (V)	-	
		7	2	6															
	1033.1	EOB	4	13	100	SS-4	2.50	-	-	-	-	-	-	-	-	16	A-4a (V)	-	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-028-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1046.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.193624, -81.790891</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI				WC
ASPHALT (3"), CONCRETE (9") & BASE (6")	1046.4																		
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP @3.0'; REDDISH BROWN	1044.9	1																	
		2	1	4	11	39	SS-1	2.50	10	5	12	34	39	30	16	14	14	A-6a (9)	260
		3	4	5	17	56	SS-2	4.00	15	7	13	31	34	28	16	12	15	A-6a (7)	220
@4.5'; STIFF		4	4	7	20	89	SS-3	1.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-
		5	4	7	20	89	SS-3	1.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-
@6.0'; HARD, BROWN AND GRAY		6	6	7	20	89	SS-3	1.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-
	1038.9	7	9	14	33	67	SS-4	4.50	-	-	-	-	-	-	-	-	12	A-6a (V)	-
		EOB																	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-029-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1052.0 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.194299, -81.790029</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (5"), CONCRETE (9") & BASE (4")	1052.0	1																	
STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, MOIST	1050.5	2	2	10	50	SS-1	2.00	9	6	12	39	34	26	15	11	15	A-6a (8)	230	
VERY STIFF, GRAYISH BROWN, SANDY SILT , SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP TO MOIST	1049.0	3	5	27	67	SS-2	4.00	15	5	12	35	33	25	15	10	13	A-4a (7)	190	
		4	8	20	67	SS-3	4.00	-	-	-	-	-	-	-	-	-	16	A-4a (V)	-
		5	6	7	7														
		6	3	7	7														
	1044.5	7	7	23	56	SS-4	4.00	-	-	-	-	-	-	-	-	14	A-4a (V)	-	
		EOB		9															

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-029-1-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1053.4 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/29/19</u> END: <u>5/29/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.194207, -81.789508</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
CONCRETE (10") & BASE (8")	1053.4																		
	1051.9	1																	
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , SOME SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP TO MOIST @3.0'; BROWN AND GRAY MOTTLED, LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS @4.5'; STIFF @6.0'; VERY STIFF		2	4	12	56	SS-1	3.00	9	8	13	34	36	26	14	12	15	A-6a (8)	190	
		3	3	9	39	SS-2	3.00	14	6	10	34	36	28	16	12	15	A-6a (8)	280	
		4	3	7	72	SS-3	1.50	-	-	-	-	-	-	-	-	16	A-6a (V)	-	
		5	2	10	56	SS-4	2.50	-	-	-	-	-	-	-	-	18	A-6a (V)	-	
	1045.9	6	2																
		7	3																
		EOB	4																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / LEWIS</u>	DRILL RIG: <u>CME 55 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-029-2-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>4/2/18</u>	ELEVATION: <u>1049.9 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/29/19</u> END: <u>5/29/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>87</u>	LAT / LONG: <u>41.193825, -81.789405</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI					
ASPHALT (4"), CONCRETE (9") & BASE (5")	1049.9																			
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , SOME GRAVEL AND STONE FRAGMENTS, SOME SAND, MOIST @3.0'; BROWN, LITTLE GRAVEL AND STONE FRAGMENTS, LITTLE SAND @6.0'; STIFF	1048.4	1																		
		2	3	4	12	22	SS-1	3.00	-	-	-	-	-	-	-	-	13	A-6a (V)	-	
		3	3	3	9	44	SS-2	2.50	23	10	12	27	28	26	14	12	17	A-6a (5)	330	
		4	1	2	13	33	SS-3	2.50	11	6	10	32	41	30	16	14	17	A-6a (9)	290	
		5	2	7																
		6	2	2	9	67	SS-4	1.50	-	-	-	-	-	-	-	-	-	19	A-6a (V)	-
		1042.4	7	2	4															
		EOB																		

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-030-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1065.2 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.194943, -81.788536</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (4"), CONCRETE (9") & BASE (5")	1065.2	1																
VERY STIFF, GRAYISH BROWN, SILT AND CLAY , LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST	1063.7	2	2	9	39	SS-1	2.50	16	6	12	32	34	25	14	11	14	A-6a (7)	180
VERY STIFF, GRAY WITH BROWN, SANDY SILT , SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP @4.5'; GRAY	1062.2	3	3	17	28	SS-2	4.00	-	-	-	-	-	-	-	-	13	A-4a (V)	-
@6.0'; MOIST		4	6	9	39	SS-3	4.00	18	6	12	32	32	24	14	10	13	A-4a (6)	690
		5	3															
		6	2															
	1057.7	7	5	20	28	SS-4	1.00	-	-	-	-	-	-	-	-	15	A-4a (V)	-
		EOB		9														

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-031-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1075.9 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.195544, -81.787602</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (4.5"), CONCRETE (9") & BASE (4.5")	1075.9																	
MEDIUM STIFF, GRAY, SANDY SILT , "AND" CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST	1074.4	1																
STIFF, GRAY WITH BROWN, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, MOIST @4.5'; VERY STIFF, GRAY	1072.9	2	1	6	33	SS-1	0.50	17	4	10	33	36	25	15	10	17	A-4a (7)	520
		3	2	6	33	SS-2	1.50	10	5	13	34	38	26	15	11	16	A-6a (8)	250
@6.0'; GRAY AND BROWN MOTTLED, LITTLE GRAVEL AND STONE FRAGMENTS		4	2	6	33	SS-2	1.50	10	5	13	34	38	26	15	11	16	A-6a (8)	250
		5	4	16	56	SS-3	4.00	-	-	-	-	-	-	-	-	14	A-6a (V)	-
		6	6	21	67	SS-4	2.00	17	5	9	31	38	34	19	15	22	A-6a (9)	-
	1068.4	7	8	21	67	SS-4	2.00	17	5	9	31	38	34	19	15	22	A-6a (9)	-
		EOB	7															

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-032-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1092.1 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.196175, -81.786150</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (5"), CONCRETE (9") & BASE (4")	1092.1	1																	
STIFF, BROWN, SANDY SILT , "AND" CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1090.6	2	2	7	39	SS-1	2.00	7	4	10	42	37	24	16	8	15	A-4a (8)	220	
VERY STIFF, GRAY WITH BROWN, SILTY CLAY , LITTLE GRAVEL AND STONE FRAGMENTS, TRACE SAND, DAMP TO MOIST @4.5'; BROWN AND GRAY MOTTLED @6.0'; BROWN	1089.1	3	3	17	33	SS-2	3.00	-	-	-	-	-	-	-	-	15	A-6b (V)	-	
		4	6	17	33	SS-2	3.00	-	-	-	-	-	-	-	-	15	A-6b (V)	-	
		5	3	18	67	SS-3	2.00	15	2	6	31	46	35	17	18	20	A-6b (11)	150	
		6	6	18	67	SS-3	2.00	15	2	6	31	46	35	17	18	20	A-6b (11)	150	
	1084.6	7	9	33	89	SS-4	2.00	-	-	-	-	-	-	-	-	15	A-6b (V)	-	
		EOB	14																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-033-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1107.8 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.196938, -81.785096</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (5"), CONCRETE (9") & BASE (4")	1107.8	1																	
STIFF, BROWN, SILT AND CLAY , TRACE SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1106.3	2	1																
	1104.8	3	3	11	56	SS-1	2.00	3	2	4	41	50	32	19	13	18	A-6a (9)	300	
STIFF, BROWN, SILTY CLAY , LITTLE GRAVEL AND STONE FRAGMENTS, TRACE SAND, DAMP		4	2																
@4.5'; VERY STIFF, MOIST		5	3	14	67	SS-2	2.00	11	1	3	27	58	40	24	16	21	A-6b (10)	280	
		6	4																
		7	7	24	78	SS-3	3.50	-	-	-	-	-	-	-	-	24	A-6b (V)	-	
		EOB	5																
	1100.3		8	26	78	SS-4	1.50	-	-	-	-	-	-	-	-	20	A-6b (V)	-	

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-034-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1123.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.197526, -81.783872</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (5"), CONCRETE (9") & BASE (4")	1123.6																		
	1122.1	1																	
VERY STIFF, GRAYISH BROWN, CLAY , SOME SILT, SOME GRAVEL AND STONE FRAGMENTS, TRACE SAND, MOIST @3.0'; GRAYISH BROWN AND GRAY MOTTLED		2	1	13	33	SS-1	4.00	21	1	2	21	55	44	20	24	20	A-7-6 (14)	380	
		3	4	18	56	SS-2	3.00	17	0	2	26	55	41	19	22	20	A-7-6 (13)	330	
		4	5	26	78	SS-3	3.00	-	-	-	-	-	-	-	-	21	A-7-6 (V)	-	
		5	6	35	100	SS-4	4.00	-	-	-	-	-	-	-	-	21	A-7-6 (V)	-	
@6.0'; BROWN	1116.1	6	5																
		7	9																
		EOB	16																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-035-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1139.5 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/22/19</u> END: <u>5/22/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.198197, -81.782729</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI			
ASPHALT (5"), CONCRETE (9") & BASE (4")	1139.5																	
	1138.0	1																
VERY STIFF, GRAY AND GRAYISH BROWN MOTTLED, SILT AND CLAY , SOME STONE FRAGMENTS, LITTLE SAND, MOIST @3.0'; DAMP		2	1	6	22	SS-1	3.00	-	-	-	-	-	-	-	17	A-6a (V)	-	
		3	2															
@4.5'; BROWN, SOME SAND		4	3	41	44	SS-2	4.00	23	7	11	29	30	31	17	14	16	A-6a (6)	360
		5	5	26														
@6.0'; SOFT		6	26	52	44	SS-3	2.00	33	11	12	24	20	33	19	14	16	A-6a (3)	670
		7	11															
	1132.0	7	2	3	44	SS-4	0.50	24	10	12	29	25	32	17	15	26	A-6a (6)	-
			1															
			1															

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: AUGER CUTTINGS MIXED WITH 12.5 LB. BENTONITE CHIPS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-036-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1155.6 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.198795, -81.781520</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			ODOT CLASS (GI)	SO4 ppm	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI				WC
ASPHALT (5"), CONCRETE (9") & BASE (4")	1155.6																		
MEDIUM STIFF, BROWN, SANDY SILT , SOME CLAY, LITTLE GRAVEL AND STONE FRAGMENTS, MOIST	1154.1	1																	
@3.0'; VERY STIFF, TRACE GRAVEL AND STONE FRAGMENTS		2	1	6	50	SS-1	0.50	11	6	15	39	29	23	15	8	16	A-4a (7)	280	
		3	4	7	21	100	SS-2	3.00	6	7	13	40	34	24	16	8	15	A-4a (8)	180
		4	7	8															
		5	9	33	78	SS-3	2.50	-	-	-	-	-	-	-	-	-	14	A-4a (V)	-
@6.0'; HARD, LITTLE GRAVEL AND STONE FRAGMENTS, DAMP		6	6	14															
	1148.1	7	11	38	100	SS-4	4.00	17	16	15	28	24	25	22	3	12	A-4a (3)	-	
		EOB	16																

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-037-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1171.5 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.199458, -81.780370</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL	
								GR	CS	FS	SI	CL	LL	PL	PI					
ASPHALT (5"), CONCRETE (9") & BASE (4")	1171.5	1																↖ ↗		
HARD, BROWN, SANDY SILT , SOME CLAY, TRACE GRAVEL AND STONE FRAGMENTS, DAMP	1170.0	2	1															↖ ↗		
HARD, BROWN AND GRAY, SILT AND CLAY , LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, DAMP @4.5'; VERY STIFF	1168.5	3	3	18	33	SS-1	4.50	8	7	13	38	34	26	16	10	12	A-4a (7)	290	↖ ↗	
		4	5	17	33	SS-2	4.50	7	6	14	39	34	27	16	11	14	A-6a (8)	150	↖ ↗	
		5	6	13	44	SS-3	4.00	-	-	-	-	-	-	-	-	-	15	A-6a (V)	-	↖ ↗
		6	3	5	13	44	SS-3	4.00	-	-	-	-	-	-	-	-	15	A-6a (V)	-	↖ ↗
		7	2	11	38	89	SS-4	3.50	-	-	-	-	-	-	-	-	15	A-6a (V)	-	↖ ↗
	1164.0	EOB	16															↖ ↗		

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT / CAREY</u>	DRILL RIG: <u>CME 75 TRUCK</u>	STATION / OFFSET: _____	EXPLORATION ID B-038-0-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / BRODIE</u>	HAMMER: <u>CME AUTOMATIC</u>	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: <u>3.5" SSA</u>	CALIBRATION DATE: <u>6/1/17</u>	ELEVATION: <u>1188.7 (MSL)</u> EOB: <u>7.5 ft.</u>	PAGE 1 OF 1
START: <u>5/21/19</u> END: <u>5/21/19</u>	SAMPLING METHOD: <u>SPT</u>	ENERGY RATIO (%): <u>85</u>	LAT / LONG: <u>41.200200, -81.778981</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (GI)	SO4 ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
ASPHALT (7"), CONCRETE (5") & BASE (6")	1188.7	1																	
VERY STIFF, BROWN, SILT AND CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, MOIST	1187.2	2	2	7	44	SS-1	4.00	9	6	12	33	40	27	15	12	18	A-6a (8)	260	
MEDIUM STIFF, BROWN, SANDY SILT , SOME GRAVEL AND STONE FRAGMENTS, SOME CLAY, MOIST	1185.7	3	3	10	100	SS-2	0.50	24	9	12	34	21	24	15	9	17	A-4a (4)	170	
VERY STIFF, BROWN, SILT AND CLAY , LITTLE STONE FRAGMENTS, LITTLE SAND, DAMP	1184.2	4	3	4															
		5	5	8	26	SS-3	2.50	18	7	8	39	28	29	17	12	15	A-6a (7)	-	
		6	7	10															
	1181.2	7	14	18	45	SS-4	3.00	-	-	-	-	-	-	-	-	14	A-6a (V)	-	

EOB

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.

ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH SOIL CUTTINGS

PROJECT: <u>MED-3-15.05</u>	DRILLING FIRM / OPERATOR: <u>ODOT</u>	DRILL RIG: _____	STATION / OFFSET: _____	EXPLORATION ID D-029-3-19
TYPE: <u>ROADWAY</u>	SAMPLING FIRM / LOGGER: <u>ODOT / PAINTER</u>	HAMMER: _____	ALIGNMENT: <u>CENTERLINE OF SR 3</u>	
PID: <u>109232</u> SFN: _____	DRILLING METHOD: _____	CALIBRATION DATE: <u>N/A</u>	ELEVATION: <u>1030.4 (MSL)</u> EOB: <u>3.5 ft.</u>	PAGE 1 OF 1
START: <u>6/3/19</u> END: <u>6/3/19</u>	SAMPLING METHOD: <u>HAND AUGER</u>	ENERGY RATIO (%): _____	LAT / LONG: <u>41.193848, -81.789216</u>	

MATERIAL DESCRIPTION AND NOTES	ELEV.	DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID	HP (tsf)	GRADATION (%)					ATTERBERG			WC	ODOT CLASS (G)	SO ₄ ppm	BACK FILL
								GR	CS	FS	SI	CL	LL	PL	PI				
BROWN, SILT AND CLAY , LITTLE SAND, LITTLE GRAVEL AND STONE FRAGMENTS, SLIGHTLY ORGANIC (LOI = 3.6%), MOIST	1030.4																		
	1028.9	1			100	HA-1	-	15	5	12	32	36	31	17	14	20	A-6a (8)	-	<<<<<<
GRAY AND BROWN MOTTLED, CLAY , "AND" SILT, SOME GRAVEL AND STONE FRAGMENTS,	1027.4	2			100	HA-2	-	23	1	9	40	27	42	23	19	40	A-7-6 (10)	-	<<<<<<
MODERATELY ORGANIC (LOI = 5.1%), MOIST TO WET	1026.9	3			100	HA-3	-	4	0	14	59	23	27	18	9	32	A-4b (8)	-	<<<<<<
		EOB																	<<<<<<

BROWN AND GRAY MOTTLED, **SILT**, SOME CLAY, LITTLE SAND, TRACE GRAVEL AND STONE FRAGMENTS, SLIGHTLY ORGANIC (LOI = 2.1%) WITH ROOTS, WET

STANDARD ODOT LOG W/ SULFATE (8.5 X 11) - OH DOT.GDT - 7/25/19 08:30 - X:\GINT\PROJECTS\600647.GPJ

NOTES: LAT/LONG/ELEV FROM DISTRICT SURVEY GRADE INSTRUMENTS. HOLE DRY UPON COMPLETION.
 ABANDONMENT METHODS, MATERIALS, QUANTITIES: BACKFILLED WITH BENTONITE CHIPS