EXPLORATION ID PROJECT: ALT PROJECT NAME DRILLING FIRM / OPERATOR: ODOT / FAST DRILL RIG: CME 55 TRUCK STATION / OFFSET: B-002-0-16 TYPE: SAMPLING FIRM / LOGGER: ODOT / MCLEISH SUBGRADE HAMMER: CME AUTOMATIC ALIGNMENT: **PAGE** PID: 101977 SFN: N/A DRILLING METHOD: 3.25" HSA CALIBRATION DATE: 5/27/15 ELEVATION: 1181.8 (MSL) EOB: 1 OF 1 START: <u>12/6/16</u> END: SAMPLING METHOD: SPT **ENERGY RATIO (%):** 12/6/16 LAT / LONG: 41.097138, -81.144831 **MATERIAL DESCRIPTION** ELEV. REC SAMPLE HP **GRADATION (%)** ATTERBERG SPT/ ABAN-ODOT **DEPTHS** N_{60} CLASS (GI) RQD DONED (%) GR CS FS SI LL PL WC **AND NOTES** ID (tsf) CL PΙ 1181.8 TOPSOIL (8") 1181.1 VERY STIFF, GRAY, SANDY SILT, SOME CLAY, LITTLE STONE FRAGMENTS, SLIGHTLY ORGANIC, DAMP 16 100 SS-1A 4.00 19 13 | 17 29 22 28 19 4 18 A-4a (3) 2 1179.3 HARD, BROWN AND GRAY MOTTLED, SILTY CLAY, SOME SAND, TRACE GRAVEL AND STONE FRAGMENTS, 3 DAMP 17 100 SS-2A 4.50 30 43 3 9 15 34 | 18 18 A-6b (10) 4 16 28 100 SS-3A 4.50 15 A-6b (V) 5 6 10 28 100 SS-4A 4.50 15 A-6b (V) 10 1174.8 EOB. NOTES: NONE ABANDONMENT METHODS, MATERIALS, QUANTITIES: NOT RECORDED

PROJECT: ALT PROJECT NAME DRILLING FIRM / OPERATOR: ODOT / FAST				DRILL RIG: CME 55 TRUCK						STATION / OFFSET:								EXPLOR	
TYPE: SUBGRADE	SAMPLING FIRM / LOGGER: ODOT / MCLEISH				HAMMER: CME AUTOMATIC					ALIGNMENT:								B-003	3-0-16
PID: 101977 SFN: N/A	DRILLING METHOD: 3.25" HSA			CALIBRATION DATE: 5/27/15					_									.0 ft.	PAGE
	SAMPLING METHOD:		SPT	ENERGY RATIO (%): 85						LAT / LONG: 41.097448, -81.14541									1 OF 1
			ELEV			REC SAMPLE HP			-	GRADATION (%)				ATTERBERG					4541
MATERIAL DESCRIPTION		1181.5	DEPTHS	SPT/ RQD	N ₆₀	1											wc	ODOT CLASS (GI)	ABAN- DONED
AND NOTES				KQD		(%)	ID	(tst)	GR	CS	FS	SI	CL	LL	PL	PI	WC	OL/100 (OI)	DONED
BASE (4")		1181.2	-																
MEDIUM DENSE, GRAY, STONE FRAGME SAND AND SILT, LITTLE CLAY, SLIGHTLY																			
DAMP	ORGANIC,		- 1 -																
DAIVII		1																	
	المالية المالية			11 6	14	78	SS-1A	_	35	22	14	17	12	23	17	6	16	A-2-4 (0)	
				4	1.7	'	00-1A		"		'-	''	12	20	''		'0	A-2-4 (0)	
	1 . 9.4	1179.0																	
STIFF, BROWN AND GRAY MOTTLED, SI	LT AND CLAY,																		
SOME SAND, TRACE STONE FRAGMENT		1	- 3 -	2															
MOIST		1		3 _	11	100	SS-2A	1.50	4	11	18	31	36	30	17	13	18	A-6a (8)	
		1		5															
O 4 OL VEDV OTIEE		1	_ 4 _																
@4.0'; VERY STIFF		}																	
		}		4 6	21	100	SS-3A	3 00	۱ ـ	_	_	_	l _	_	_	_	15	A-6a (V)	
			<u> </u>	9		100	00-0A	3.00	-	_	_	-	-	-	-	-	13	A-0a (V)	
		1																	
@5.5'; HARD	\///.	1																	1
		1	- 6 -	9															
		1		12	37	100	SS-4A	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	
	\///	4474-		14															
		1174.5	— _{ЕОВ} ——7—																

NOTES: NONE

ABANDONMENT METHODS, MATERIALS, QUANTITIES: NOT RECORDED

EXPLORATION ID PROJECT: ALT PROJECT NAME DRILLING FIRM / OPERATOR: ODOT / FAST DRILL RIG: CME 55 TRUCK STATION / OFFSET: B-006-0-16 TYPE: SAMPLING FIRM / LOGGER: ODOT / MCLEISH SUBGRADE HAMMER: CME AUTOMATIC ALIGNMENT: **PAGE** 3.25" HSA PID: 101977 SFN: N/A DRILLING METHOD: CALIBRATION DATE: 5/27/15 ELEVATION: 1180.2 (MSL) EOB: 1 OF 1 START: 12/6/16 END: 12/6/16 SAMPLING METHOD: SPT **ENERGY RATIO (%):** LAT / LONG: 41.097306, -81.145850 **MATERIAL DESCRIPTION** ELEV. REC SAMPLE HP GRADATION (%) ATTERBERG SPT/ ABAN-ODOT **DEPTHS** N_{60} CLASS (GI) **RQD** DONED (%) ID GR CS FS SI CL LL PL PΙ WC **AND NOTES** (tsf) 1180.2 ASPHALT (10") 1179.4 STIFF, GRAY, SANDY SILT, SOME CLAY, MOIST 12 12 27 56 SS-1A 1.00 0 13 | 16 | 46 25 23 18 A-4a (7) 2 1177.7 STIFF, BROWN AND GRAY MOTTLED, SILTY CLAY, LITTLE SAND, MOIST 3 3 10 67 SS-2A 2 40 50 38 20 1.50 0 8 26 A-6b (11) 18 @4.0'; HARD, DAMP 30 100 SS-3A 4.50 A-6b (V) 5 @5.5'; BROWN 6 10 33 9 100 SS-4A 4.50 13 A-6b (V) 14 1173.2

NOTES: NONE

ABANDONMENT METHODS, MATERIALS, QUANTITIES: NOT RECORDED

TYPE: SUBGRADE SAMPLING FIRM / DRILLING METHO	DRILLING FIRM / OPERATOR: ODOT / FAST SAMPLING FIRM / LOGGER: ODOT / MCLEISH DRILLING METHOD: 3.25" HSA SAMPLING METHOD: SPT					DRILL RIG: CME 55 TRUCK HAMMER: CME AUTOMATIC CALIBRATION DATE: 5/27/15 ENERGY RATIO (%): 85					STATION / OFFSET:							
MATERIAL DESCRIPTION AND NOTES		DEPTHS	SPT/ RQD	N ₆₀	REC (%)	SAMPLE ID		_	GRADATION (%) CS FS SI CL				ATTERBERG			1	ODOT CLASS (GI)	ABAN- DONED
BASE (8") MEDIUM DENSE, GRAY, STONE FRAGMENTS WITH SAND AND SILT, LITTLE CLAY, WITH SLAG, DAMP																		
		- - 2 -	16 10 8	26	78	SS-1A	-	32	19	14	19	16	26	17	9	14	A-2-4 (0)	
HARD, BROWN, SILT AND CLAY , LITTLE SAND, TRACE STONE FRAGMENTS, DAMP		_ 3 - -	8 9 11	28	67	SS-2A	4.50	2	6	12	35	45	34	19	15	15	A-6a (10)	
@4.0'; LITTLE STONE FRAGMENTS		- 4 - - - 5 -	8 10 16	37	100	SS-3A	4.50	-	-	-	-	-	-	-	-	16	A-6a (V)	
	1176.5	- 6 - - 7	8 10 14	34	89	SS-4A	4.50	-	-	-	-	-	-	-	-	15	A-6a (V)	

NOTES: NONE

PROJECT: ALT PROJECT NAME DRILLING FIRM / OPERATOR: ODOT / FAST DRILL RIG: CME 55 TRUCK STATION / OFFSET: TYPE: SAMPLING FIRM / LOGGER: ODOT / MCLEISH SUBGRADE HAMMER: CME AUTOMATIC ALIGNMENT: PID: 101977 SFN: N/A DRILLING METHOD: 3.25" HSA CALIBRATION DATE: 5/27/15 ELEVATION: 1183.5 (MSL) EOB: START: 12/6/16 END: SAMPLING METHOD: SPT **ENERGY RATIO (%):** 12/6/16 LAT / LONG: 41.098522, -81.146845 **MATERIAL DESCRIPTION** ELEV. REC SAMPLE HP **GRADATION (%)** ATTERBERG SPT/ **DEPTHS** N_{60} RQD (%) GR CS FS SI LL PL **AND NOTES** ID (tsf) CL PΙ 1183.5 BASE (8") 1182.8 VERY STIFF, BROWN AND GRAY MOTTLED. SILTY CLAY, LITTLE SAND, TRACE STONE FRAGMENTS, MOIST 5 18 67 SS-1A 3.00 2 6 13 35 44 34 18 16 2 1181.0 HARD, BROWN AND GRAY MOTTLED, SILT AND CLAY, LITTLE SAND, TRACE STONE FRAGMENTS, DAMP 3 33 SS-2A 4.50 2 35 47 34 | 20 9 67 5 11 14 14 @4.0'; BROWN, LITTLE STONE FRAGMENTS 12 40 100 SS-3A 4.50 5 6 11 35 100 SS-4A 4.50 1176.5 EOB.

EXPLORATION ID

B-009-0-16

ODOT

CLASS (GI)

21 A-6b (10)

15 A-6a (10)

13

A-6a (V)

A-6a (V)

WC

PAGE

1 OF 1

ABAN-

DONED

NOTES: NONE

ABANDONMENT METHODS, MATERIALS, QUANTITIES: NOT RECORDED