EXPLORATION ID PROJECT: NOB-145-02.50 DRILLING FIRM / OPERATOR: ODOT / BINKLEY DRILL RIG: ACKER XLS TRACK STATION / OFFSET: B-002-1-16 SAMPLING FIRM / LOGGER: ODOT / MCLEISH TYPE: LANDSLIDE HAMMER: ACKER AUTOMATIC ALIGNMENT: **PAGE** PID: 103409 SFN: N/A DRILLING METHOD: 3.25" HSA / NQ2 CALIBRATION DATE: 4/2/16 ELEVATION: 663.8 (MSL) EOB: 36.0 ft. 1 OF 2 SPT / NQ2 SAMPLING METHOD: **ENERGY RATIO (%):** START: 2/8/17 END: 2/13/17 90 LAT / LONG: 39.619967, -81.360895 MATERIAL DESCRIPTION ELEV. REC SAMPLE ΗP **GRADATION (%)** ATTERBERG SPT/ ABAN-ODOT DEPTHS N_{60} CLASS (GI) RQD PL DONED (%) LL **AND NOTES** ID (tsf) GR CS FS SI CL PΙ WC 663.8 TOPSOIL (4") 663.5 MEDIUM STIFF. REDDISH BROWN. SILT AND CLAY. 1 LITTLE SAND, MOIST SS-1A 1.00 30 A-6a (V) 2 2 8 11 SS-1B 3 2 6 100 SS-2A 1.00 0 1 11 52 36 37 22 15 30 A-6a (10) 659.3 SOFT, REDDISH BROWN, SILT, SOME CLAY, LITTLE 5 3 100 SS-3A 0.50 0 29 A-4b (V) SAND. MOIST TO WET 6 2 0 67 SS-4A 0.25 30 A-4b (V) @7.5'; MODERATELY ORGANIC (LOI = 4.4%) 8 8 100 SS-5A 0.50 0 1 12 56 31 31 21 10 31 A-4b (8) 654.8 9 STIFF, BROWN, SILTY CLAY, TRACE SAND, MOIST SS-6A 0 7 49 43 39 20 15 89 2.00 1 19 28 4 A-6b (12) 10 17 5 100 SS-7A 2.00 25 A-6b (V) 651.8 12 5 17 33 SS-8A 2.00 28 A-6b (V) 13 74 89 SS-9A 1.50 21 A-6b (V) 17 15 17 44 SS-10A 17 A-6b (V) 4 16 647.3 SOFT. BROWN AND GRAY. SANDY SILT. SOME CLAY. 17 2 6 67 SS-11A 4 3 24 44 25 24 16 0.50 8 22 A-4a (7) TRACE GRAVEL, MOIST TO WET 18 2 22 SS-12A 0.25 28 A-4a (V) 19 644.3 DENSE, GRAY, SANDY SILT, SOME STONE 20 33 SS-13A 30 8 NP NP NP 14 67 24 27 11 23 A-4a (1) FRAGMENTS, LITTLE CLAY, MOIST TO WET 21 45 33 SS-14A 12 17 A-4a (V) 22 18 23 640.3 -TR-**CLAYSTONE**, RED, BROWN AND GRAY, MODERATELY 24 114 78 SS-15A 30 11 Rock (V) WEATHERED. VERY WEAK TO WEAK. THIN BEDDED: 46 RQD 50%, REC 83%. 25 26 27 28 63 NQ2-1 CORE 29

CLAYS WEATH	' - 29.8'; STONE , HERED	HIGH A RED, BF , VERY \	N/A ATERIAL DESCI AND NOTE NGLE FRACTU ROWN AND GR. WEAK TO WEA (continued)	S	NOB-145-02.50 ELEV. 633.8 Y 0; 627.8	STATION DEPTHS - 31 - 32 - 33 - 34 - 35 - 36-	SPT/ RQD		REC (%)	SAMPLE ID			T: 2 GRAD CS	DATIC					BERG	PG 2 C	ODOT	D2-1-16 ABAN-DONED
©29.18 08:08 - D:ONEDRIVE-ONEDRIVE - DA LAFORENSICS/DIGGS/ODO IVVERSION 1 - SCHEMA VZ.S.ASAMPLE, D. CLAAS MEN CSCHORGES/ODO	' - 29.8'; STONE , HERED	HIGH A RED, BF , VERY	ATERIAL DESCI AND NOTE NGLE FRACTU ROWN AND GR WEAK TO WEA	RIPTION SS IRE AY, MODERATEL	ELEV. 633.8 -Y	DEPTHS - 31 - 32 - 33 - 34 - 35	SPT/ RQD		(%)	ID	HP	(GRAD	DATIC	ON (%	6)	ATI	ΓERB	BERG	i	ODOT CLASS (GI)	
©3718 08:08 - D:ONEDRIVE-ONEDRIVE - DA LAFORENSICS/DIGGS/ODO IVERSION 1 - SCHEMA VZ S.ASAMPLI CLAAA CLAAS CAN CONEDRIVE - DA LAFORENSICS/DIGGS/ODO IVERSION 1 - SCHEMA VZ S.ASAMPLI CLAAS CAN	S TONE , HERED	HIGH A RED, BF , VERY \	AND NOTE NGLE FRACTU ROWN AND GR. WEAK TO WEA	RE AY, MODERATEL	633.8 Y	- 31 - 32 - 33 - 34 - 35	RQD	N ₆₀	(%)	ID												DONED
2318 08:08 - DYONEDRIVE-ONEDRIVE - DA LA CRENSICS/DIGGS/ODO I VERSION 1 SCHEMA V.2.5. ASAR 08:08 - DYONEDRIVE - DA LA CRENSICS/DIGGS/ODO I VERSION 1 SCHEMA V.2.5. ASAR 08:08 - DYONEDRIVE - DA LA CRENSICA DE LA CRENSICA DEL CRENSICA DE LA CRENSICA DEL CRENSICA DE LA CRENSICA DEL CRENSICA DE LA CRENSICA DEL CRENSICA DE LA CRENSICA DEL CRENSICA DE LA CRENSICA DEL CRENSICA DE LA CRENSICA DE LA CRE	S TONE , HERED	RED, BF , VERY \	NGLE FRACTU ROWN AND GR WEAK TO WEA	RE AY, MODERATEL	Y);	- 32 - 33 - 34 - 35	37															
23/18 08:08 - D:ONEDRIVE(ONEDRIVE - DATAFORENSICS)DIGGSS(ODO																						
NOTES		NE.			S: NOT RECORDED																	

PI	D: 103409	NOB-145-02.5)	STATION / OFFSET:						START: 2/6/17				ND:	2/7/17		P	G 2 O	F 2 B-00	3-1-16			
	PID: 103409				ELEV 634.2	D	EPTHS	SPT/ RQD		REC (%)	SAMPLE ID			GRAD	_	_		ATT			wc	ODOT CLASS (GI)	ABAN-
			ED, MODERATEL	Y WEATHERED, DDED; RQD 57%,	634.2		- 31 -	i i d		(70)	ID.	(131)	OIX.	00	10	OI .	OL				****	, ,	BONES
	REC 90%. (co		, · Livi 111114 DL	2225, N Q 2 01 70,			- 32 - - 32 - - 33 - - 34 -	63		87	NQ2-2											CORE	
			NGLE FRACTUR IGLE FRACTURE		628.2		- 35 - - 36-																
						<u>_</u> E0																	

NOTES: NONE