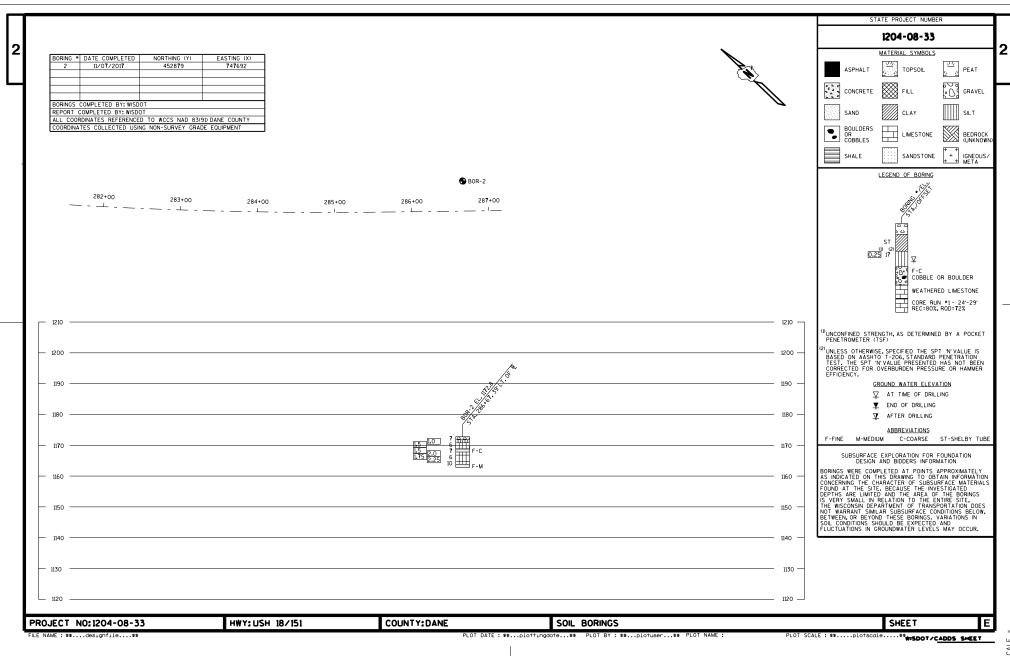
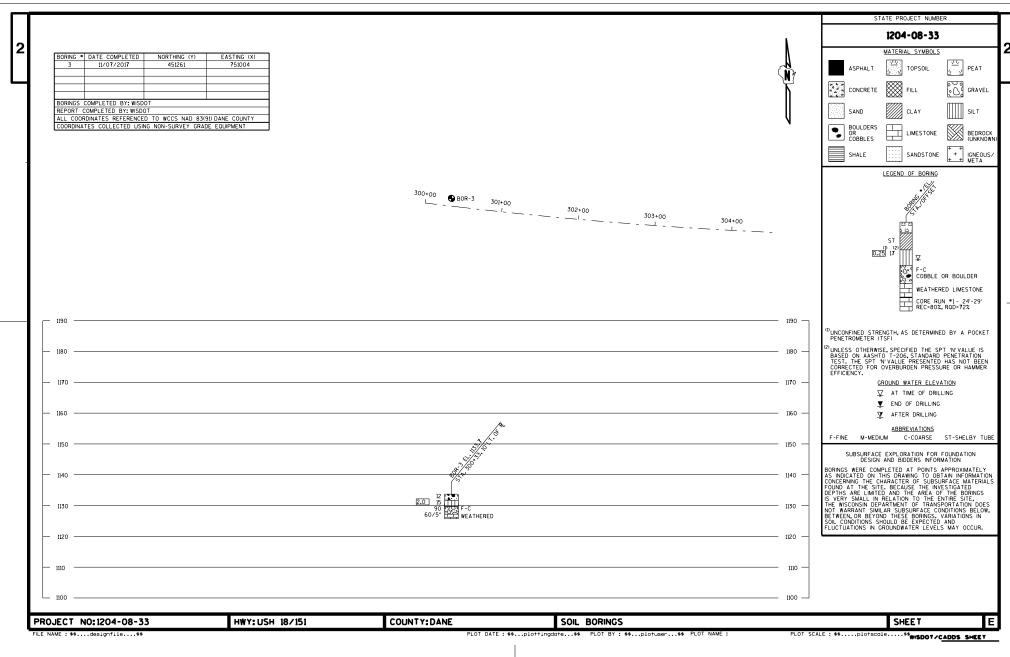
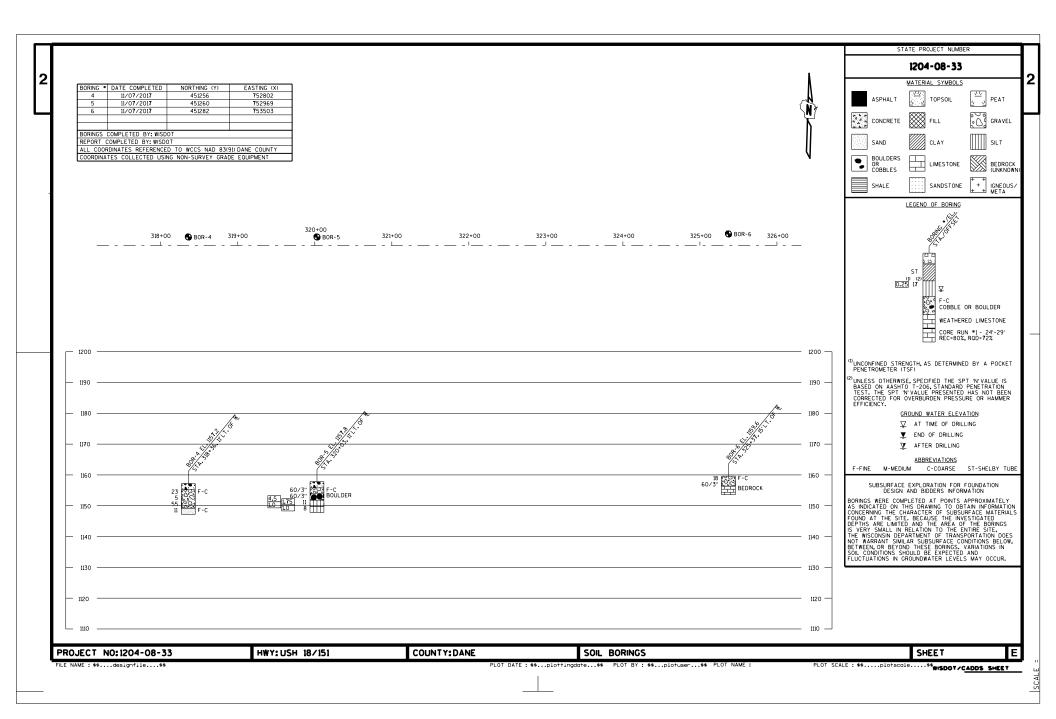


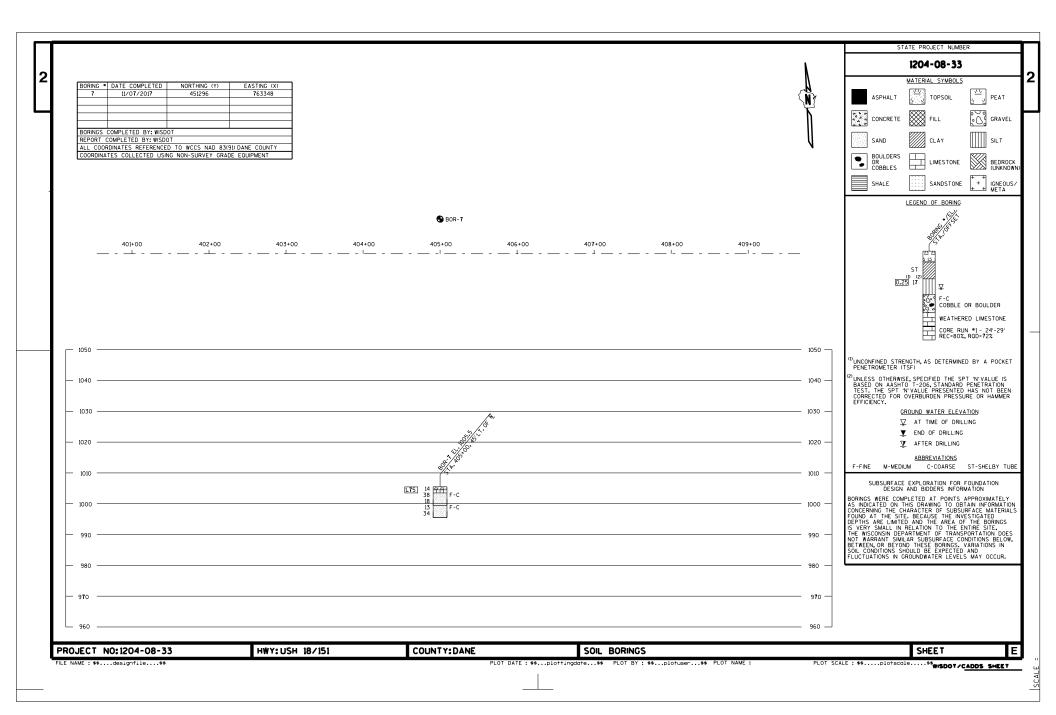
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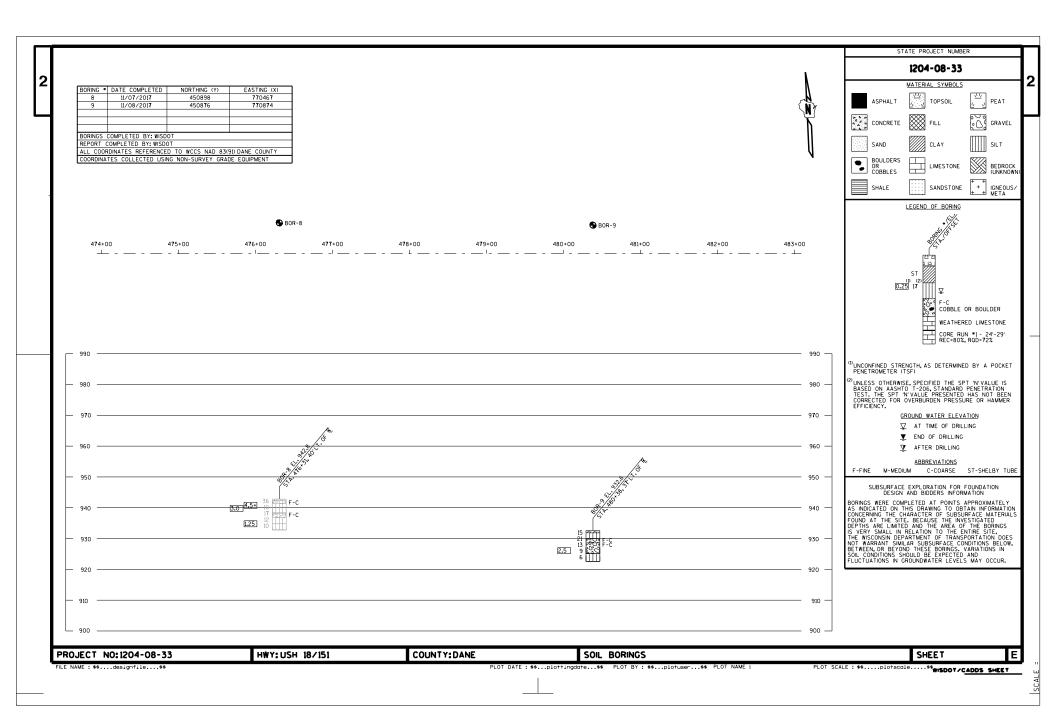


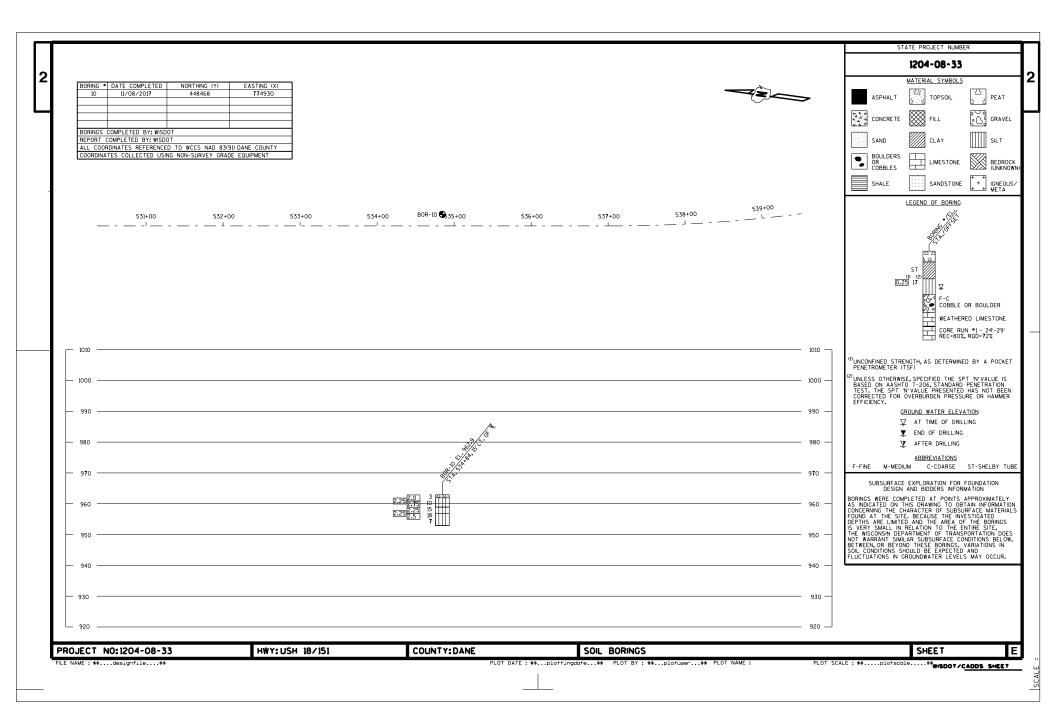


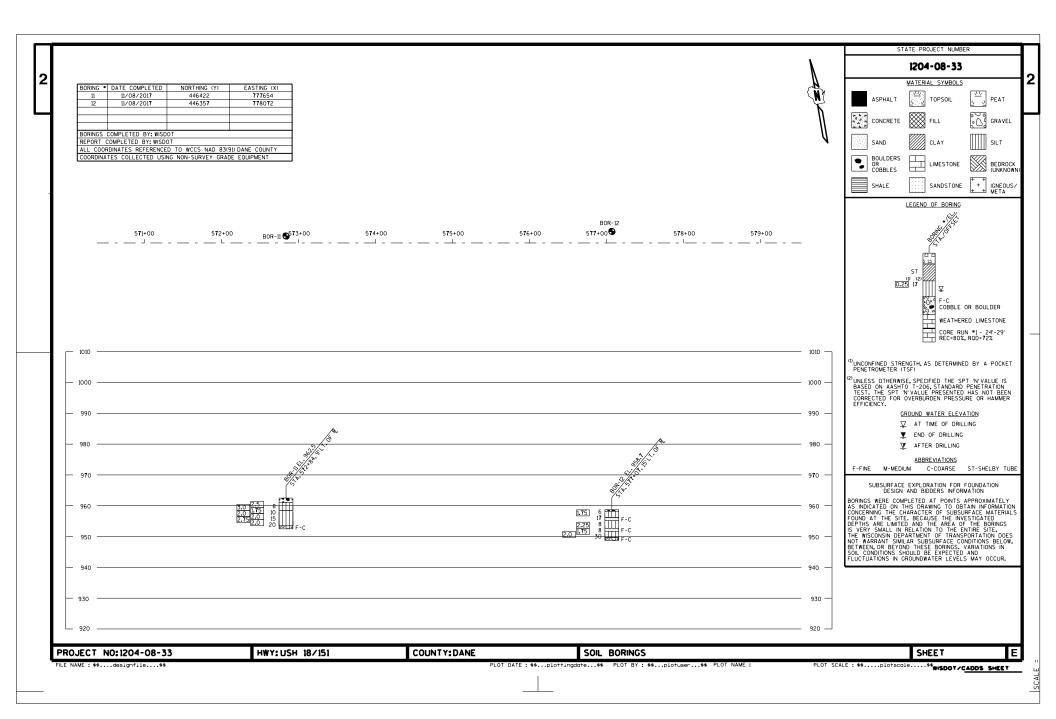
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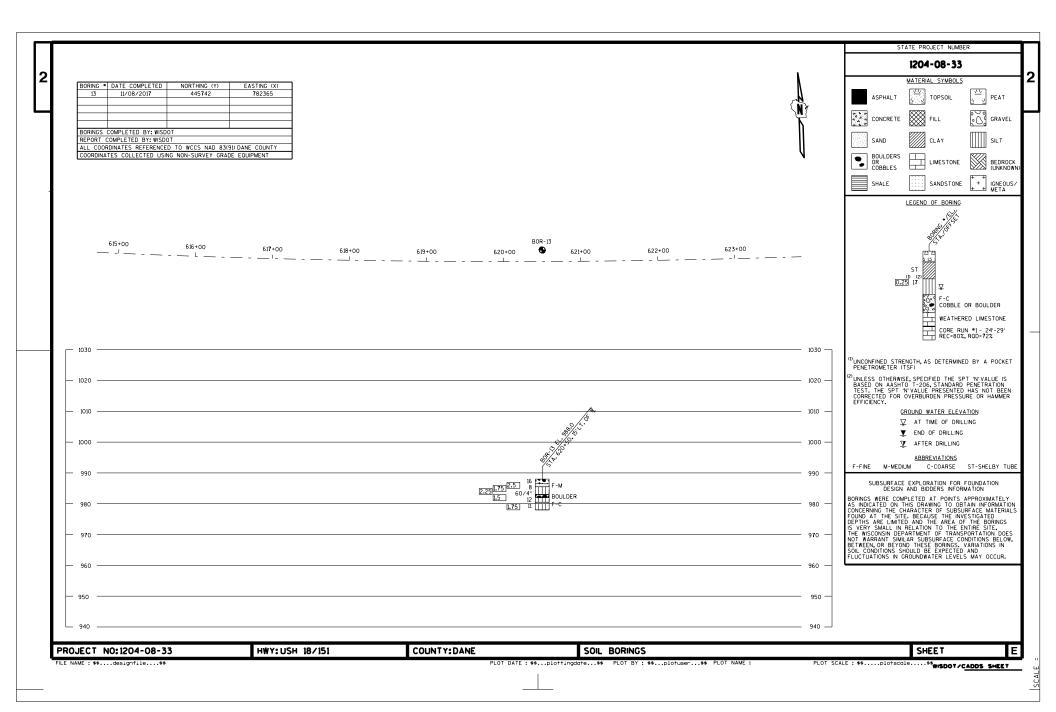


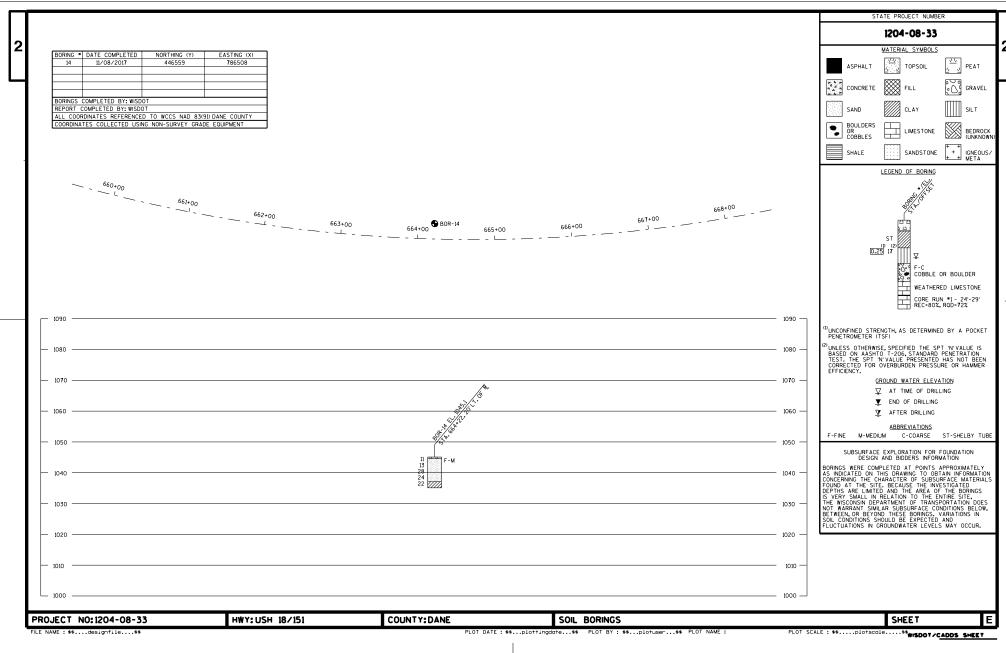












SCALE =

MISOR MIS	4	WISCONSIA			of Transp		on	WISDOT PROJECT	ΓID:	1204-08-33				3OF	RIN	G IE) :		1
USH 18/151 Cable Quark USBOT US	40.	OF TRANS	[€] Mac	lison					URE ID:										1 of 1
MSDOT MSD	٧		Ī		18/151 Cabl	le Gua	rd		WISDOT										
110717									WISDOT		IECT NO:				45			ASTING:	741890.1
1,197717 1,000.00						11/07/	17		P. Skolos			Uni	t 3						wccs
Second S	D	DATE CO	MPLETED:			11/07/		OGGED BY:	S. Hunter	HOLE SIZE:		4						ERTICAL DA	TUM: MSL
167.31 24.476 PFEF 37 tt 1000HFF SANCE 8CYOL SECTION 146.01 146.731 146.7	C	COUNTY:				Da		.OG QC BY:	T. L. Petersen	HAMMER TYPE:	Αι	ıtoma	tic	reamb	ED ELE	VATION	:		NA
SS 18 M 3.77.5 1.05 2.0 2.0 2.0 3.0	S	STATION	21	1+76	OFFSET	37'	Lt 1	OWNSHIP: RANGE	E: SECTION:	1/4 SECTION:				JRFACE	ELEVA	ΓΙΟN:			1167.3 ft
SS 24 M 3-16-12-8 7 1 1 1 1 1 1 1 1 1	Г																		
SS 18 M 3-7-7-8 1-12-24 3 2		SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic	E	and Geological C	rigin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	٨	lotes
SS 12 M 40 (36) 3 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SS 24 M 7-13-13-13 5 SILTY FINE TO COARSE SAND, brown, some fine to coarse gravel. SS 24 M 8-16-12-8 (7) FINE TO COARSE SAND, brown, some fine to coarse gravel. SS 24 M 8-16-12-8 (7) FINE TO COARSE SAND, brown, some fine to coarse gravel. SS 24 M 4-5-5-14 SILTY FINE TO COARSE SAND, brown, some fine to coarse gravel. SS 24 M 4-5-5-14 SILTY FINE TO COARSE SAND, brown, some fine to coarse gravel. SILTY FINE TO COARSE SAND, brown, some fine to coarse gravel. SM 25 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 26 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 30 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 31 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 SILTY FINE TO COARSE SAND, brown, little fine to coarse gravel. SM 32 S			3 18	М		- 1-		FINE TO COARS moist		, brown, little silt, firm,		GPS					SSA		
FINE TO COARSE SAND, brown, some fine to coarse gravel, some silt, firm, moist SS 24 M 8-16-12-8 7				М	40	- 3 -		SILTY FINE TO gravel, dense, m	oist SE GRAVEL, brown, I		1163.8								
SS 24 M 8-16-12-8 7 FINE TO MEDIUM SAND, brown, some fine to coarse gravel, special little sit, firm, moist sit, sould sit, moist sit, sould sit, moist sit, sould si				М	7-13-13-13 (26)	3 - 5-		some silt, firm, n		ne fine to coarse gravel,	1161.3	SP							
WATER LEVEL & CAVE-IN OBSERVATION DATA WATER SNOW WATER ENCOUNTERED DURING DRILLING: NMR WATER LEVEL AT COMPLETION: NMR WAT		I I	74	М		- 7 -		7.0 FINE TO MEDIU little silt, firm, mo	M SAND, brown, son										
WATER LEVEL & CAVE-IN OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: NMR WET DRY WATER LEVEL AT COMPLETION: NMR NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.				М				SILTY FINE TO gravel, loose, mo	pist		1158.3								
WATER LEVEL & CAVE-IN OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: NMR WET DRY WATER LEVEL AT COMPLETION: NMR WET ORY WET ORY WET ORY WATER LEVEL AT COMPLETION: NMR WET ORY WET OR	F					10	Ш	10.0	End of Boring at	10 0 ft	1157.3								
WATER ENCOUNTERED DURING DRILLING: NMR WET DRY: WATER LEVEL AT COMPLETION: NMR WET DRY: CAVE - IN DEPTH AT COMPLETION: NMR WET DRY: CAVE - IN DEPTH AFTER 0 HOURS: NMR WET DRY: NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.	SIGINT_13/1204-08-33 CABLE GUARD.GPU USHI IQUDI CADRE GUARD 11/20/17																		
WATER ENCOUNTERED DURING DRILLING: NMR WET DRY: WATER LEVEL AT COMPLETION: NMR WET DRY: WATER LEVEL AT COMPLETION: NMR WET DRY: CAVE - IN DEPTH AT COMPLETION: NMR WET DRY: ONCES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.	MECIS							WATER LE	VEL & CAVE-II	N OBSERVATION	DATA								
WATER LEVEL AT COMPLETION: NMR CAVE - IN DEPTH AFTER 0 HOURS: NMR WET DRY NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.	N N	<u>V</u>	WATER	ENC	OUNTERED	DURII	NG D					LETIO	N:	NMR					WET DRY
NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.	9 🗕	_																	WET [
	N CONTINUE	NOTES							ooundary; gradual trans	ition between in-situ soil lay	ers should	d be exp	ected.						

SEP.	WISCONSIN &	WI E	ept.	of Transp sman Blv	ortati	on	WISDOT P	ROJECT ID:	1204-08-33				BOF	RIN	G II):	2
MATIN	W OF TRANSPO	Mad	ison	, WI 53704				TRUCTURE ID:					AGE NO:				1 of 1
	ISDOT PR	ι	ME: JSH 1	18/151 Cab	le Gua	rd	CONSULTANT:	WISDOT	CONSULTANT PROJECT NO:				ATITUDE				ONGITUDE:
	1 YAWDAO						DRILLING CONTRACT	OR: WISDOT	DRILLING CONTRACTOR PRO.	JECT NO:			ORTHIN	45	2878	8.8 E	ASTING: 747692.1
	ATE STAR				11/07/	17	CREW CHIEF:	P. Skolos	DRILL RIG:		Uni	t 3	OORDIN			I.	wccs
	ATE COMP	LETED:			11/07/	17	LOGGED BY:	S. Hunter	HOLE SIZE:		4	in		WCC	S Da	ne	ERTICAL DATUM: MSL
	OUNTY:			OFFSET	Da	ne	LOG QC BY: TOWNSHIP:	T. L. Petersen	HAMMER TYPE: 1/4 SECTION:		Itoma	tic	TREAMB JRFACE				NA
_	IATION	286	+67	OFFSET	39'	Lt	TOWNSHIP.	RANGE. SECTION.	1/4 SECTION.	1/4 1/4 3	I	3	JNFAGE	I	I ION.	1	1172.8 ft
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		Soil / Rock Des and Geological (Each Major Unit /	Origin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
	SS 1	12	М	0-1-6-7 (7)	- 1 -	7 7 7 7 7 7		OIL, moist LT, brown, medium, moist		1171.8 1170.8	ML					SSA	
	SS 2	24	М	1-3-3-5 (6)	- 3 -			n, some clay, trace fine to	coarse sand, medium,	1168.8	ML	1.0 1.5					
	SS 3	24	М	3-4-3-5 (7)	- 5-		FINE TO (little silt, lo	COARSE SAND, brown, so ose, moist In, some clay, trace fine to		1167.8	ML	1.5					
	SS 4	24	М	2-2-4-6 (6)	- 7 -			n, some clay, little fine to r f, moist	nedium sand, trace fine	1164.8	ML	2.0 1.75					
	SS 5	24	М	3-4-6-7 (10)	- 9 -		SILT, brow moist	•	ne silt, trace fine to mediu	1163.8	SP	2.25					
NI PROJECISNISINI _ 13/12/94-00-33 CABLE GUARD.GFV GGT 19/12/12/94-00-33 CABLE GUARD.GFV GGT 19/12/12/94-00-33		ATER	=NCC	NINTERED) Di IRIN	NG F		End of Boring at	N OBSERVATION		I FTIO	N·	NMR				WET [
_				DUNTERED				MR 💆	CAVE IN DEPTH A				NMR				WET DRY WET DRY
2 –				L AT COMF			NMR	imate boundary; gradual tran	CAVE - IN DEPTH A				NMR				WET DRY
N /							oresent the approxi Surement Recorde		auon between in-situ soil lay	ers srioul(ı ve exp	recied.					

MISDOT PRODUCTION STATION BATE STATION BATE STATION STATION SSANDIE LANGE STATION SSANDIE LANGE SSANDIE	Mad OJECT NA NAME: TED: PLETED:	lison		11/07/ 11/07/ Dai 10'	17 C 17 C 17 D 17 D 17 D 17 D 17 D 17 D	24" SHOULDER GRAVEL, moist 2.0	oription Origin for Comments	Automa AUTOMA ONE OF THE PROPERTY OF THE PRO	N Nit 3	ATTITUDE ORTHIN OORDIN ORIZON	G: 45 ATE SYS TAL DAT NCCS ED ELEV	Boniqers Poniques Solution:	5 EAS	TICAL DATUM: MSL
SAMPLE TARE COMP COUNTY: STATION SS 1 SS 2 SS 3	300 (ii) XECOVERY (iii) 300 (III) 30	D+33 Moistrue	OFFSET SLNNOO 3-5-7-4 (12) 3-6-9-11 (15)	11/07/ 11/07/ Da 10' + thdeO	17 17 Lt	WISDOT ORILLING CONTRACTOR: WISDOT CREW CHIEF: P. Skolos LOGGED BY: S. Hunter TOWNSHIP: RANGE: SECTION: Soil / Rock Desand Geological (Each Major Unit /) 24" SHOULDER GRAVEL, moist	DRILLING CONTRACTOR PROJECT NO DRILL RIG: HOLE SIZE: HAMMER TYPE: 1/4 SECTION: 1/4 1 cription Drigin for Comments	Automa AUTOMA ON O	it 3 in stic stic	ORTHIN OORDIN ORIZON ITREAMB	G: 45 ATE SYS TAL DAT WCCS ED ELEV	BTEM: FUM: S Dan VATION: FION: Supplied to the	5 EAS	751003.7 WCCS TICAL DATUM: MSL NA 1133.7 ft
SAMPLE STAR. DATE STAR. DATE COMP COUNTY: STATION SS 1 SS 2 SS 3	300 (u) (ECCOVERY (in) (RQD) 24	Moisture Moisture	OFFSET SLONON 3-5-7-4 (12) 3-6-9-11 (15)	11/07/ Da 10' - 1 - - 2 -	17 17 ne Lt	CREW CHIEF: P. Skolos LOGGED BY: S. Hunter T. L. Petersen TOWNSHIP: RANGE: SECTION: Soil / Rock Des and Geological (Each Major Unit / (24" SHOULDER GRAVEL, moist	DRILL RIG: HOLE SIZE: HAMMER TYPE: 1/4 SECTION: 1/4 1 cription Drigin for Comments	Automa AUTOMA ON O	it 3	OORDIN ORIZON TREAMB	45 ATE SYS TAL DAT NCCS ED ELEV ELEVAT	BTEM: FUM: S Dan VATION: FION: Supplied to the	e VER	751003.7 WCCS TICAL DATUM: MSL NA 1133.7 ft
SAMPLE TYPE SAMPLE	RECOVERY (in) 74	Moisture Moisture	OFFSET SLONON 3-5-7-4 (12) 3-6-9-11 (15)	11/07/ Da 10' - 1 - - 2 -	17 17 ne Lt	P. Skolos LOGGED BY: S. Hunter TOWNSHIP: RANGE: SECTION: Soil / Rock Des and Geological (Each Major Unit / Grack Major Un	HOLE SIZE: HAMMER TYPE: 1/4 SECTION: 1/4 1 Cription Origin for Comments	Automa J4 SECTION: OLHSWA / SOSO	it 3	ORIZON TREAMB JRFACE	TAL DAT	Boniqers Poniques Solution:		MSL NA 1133.7 ft
SAMPLE TYPE SAMPLE TYPE SAMPLE TYPE SAMPLE TYPE SS 5 SS 2 SS 3	RECOVERY (in) 78	Moisture Moisture	(B) 3-5-7-4 (12) 3-6-9-11 (15)	Dan (th)	ne Lt	S. Hunter T. L. Petersen TOWNSHIP: RANGE: SECTION: Soil / Rock Desend Geological (Each Major Unit / 9) 24" SHOULDER GRAVEL, moist	HAMMER TYPE: 1/4 SECTION: 1/4 1 cription Drigin for Comments	Automa 1/4 SECTION: OLHSVA / SOSO	itic S	JRFACE	ELEVAT	Boulders Boulders		MSL NA 1133.7 ft
SAMPLE TYPE SAMPL	81 RECOVERY (in) (RQD)	Moisture Moisture	3-5-7-4 (12)	10' (‡)	ne Lt	T. L. Petersen TOWNSHIP: SECTION: Soil / Rock Des and Geological (Each Major Unit / (24" SHOULDER GRAVEL, moist	cription Drigin for Comments	OSCS / AASHTO	tic s	JRFACE	ELEVAT	Boulders	Drilling Method	1133.7 ft
SAMPLE TYPE SAMPLE TYPE SS 3 SS 3 SS 3 SS 3 SS 3 SS 4 SS 4 SS 5 SS 7 SS 7	81 RECOVERY (in) (RQD)	Moisture Moisture	3-5-7-4 (12)	(t) Depth	Lt	Soil / Rock Des and Geological (Each Major Unit /)	cription Origin for Comments	B USCS / AASHTO				Boulders	Drilling Method	
SS 1 SS 2 SS 3	18	M	3-5-7-4 (12) 3-6-9-11 (15)	- 1 - - 2 - - 3 -	Graphic	24" SHOULDER GRAVEL, moist 2.0	Origin for Comments	GW	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)		Drilling Method	Notes
SS 2 SS 3 SS 3	18	М	3-6-9-11 (15)	- 3 -		2.0								
2			(15)	- 3 -	_		113	1./					SSA	
3 √ ss	24	М	11-36-54-			SILT, brown, some clay, some fine to coarse gravel, moist Stiff	medium sand, little fine to	ML 9.7	2.0					
		"	59 (90)	- 5-		FINE TO COARSE SAND & GRAVEL dense, moist		GPS						
	11	М	47-60/5"	- 6 - - 7 -		N 6.5 WEATHERED LIMESTONE BEDROO	112'CK, very dense, moist	7.2						
				8		8.0 End of Boring a	1125	5.7						
						WATER LEVEL & CAVE-I	N OBSERVATION DAT	A						
√w	ATER	ENCC	DUNTERED	DURII	NG D		CAVE - IN DEPTH AT COI		DN:	NMR				WET DRY
		LEVE	L AT COMP	LETIO	N:	NMR	CAVE - IN DEPTH AFTER	0 HOUR	RS:	NMR				WET DRY
	ATER				es rep Meas	present the approximate boundary; gradual trans	sition between in-situ soil layers sh	ould be exp	pected.					

	WISCONSIA	WI [ept.	of Transp sman Blv	ortatio	on	WISDOT F	PROJECT ID:		1204-08-33	3			BOF	RIN	G IE):	4
· Patri	OF TRANS	⁵ Mac	ison	, WI 53704				STRUCTURE ID:						AGE NO:				1 of 1
		PROJECT NA	ME: JSH 1	18/151 Cab	le Gua	rd	CONSULTANT:	WISDO	Γ	LTANT PROJECT NO:				ATITUDE				ONGITUDE:
	ROADWA						DRILLING CONTRACT	TOR: WISDO	Γ	IG CONTRACTOR PRO	DJECT NO:			IORTHIN	45	51255	.5 E	ASTING: 752802.3
	ATE STA				11/07/	17	CREW CHIEF:	P. Skolo				Uni	t 3	OORDIN				wccs
		MPLETED:			11/07/	17	LOGGED BY:	S. Hunte				4	in		WCC:	S Dar	ne	ERTICAL DATUM: MSL
	COUNTY:			TOFFOFT.	Da	ne	LOG QC BY:	T. L. Peterse	า	R TYPE:		utoma	tic	TREAME			:	NA
Ľ	TATION	318	3+36	OFFSET	11'	Lt	FOWNSHIP:	RANGE: SECTION		1/4 SECTION:	1/4 1/4 3	SECTION:	5	URFACE	ELEVA	TION:		1157.2 ft
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		Soil / Rock De and Geological Each Major Unit	Origin	for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
					- 1 -		24" SHOU	JLDER GRAVEL, moist				GW					SSA	A.
											,,,							
	1				2 -			COARSE SAND & GRAVI	L, brown	n, little silt, firm,	1155.2							
	SS 1	3 24	М	8-8-15-26 (23)	- 3 -		moist											
	SS 2		М	6-2-3-7 (5)	- 4 - - 5-		Loose					GPS						
	SS 3		М	11-32-23- 40 (55)	- 7 -		Very dens	e			1149.2							
	S5 4	1 74	М	3-5-6-6 (11)	- 8 -		FINE TO (little silt, fil	COARSE SAND, brown, s rm, moist	ome fine	to coarse gravel,	1147.2	SP						
r			-		' 10 		,	End of Boring	t 10.0 ft.		1171.2							1
GIN _ 13/12/94-06-55 CABLE GUARD.GF3 CON 10/10/10 GUNG GUAGE 11/20/17																		
SECTO							WATE	R LEVEL & CAVE	IN OB	SERVATION	DATA							
E	<u></u> ν	WATER	ENC	DUNTERED	DURIN	NG D		MR E		E - IN DEPTH A		PLETIC	N:	NMR				WET DRY
_		WATER	LEVE	L AT COMF	PLETIO	N:	NMR			'E - IN DEPTH A	AFTER 0	HOUR	S:	NMR				WET DRY
N.GINIW	NOTES						resent the approx surement Recorde	rimate boundary; gradual tra ed	nsition be	tween in-situ soil la	yers shoul	d be ex	ected.					

JEP .	NISCONSIN.	WI E	ept.	of Transp sman Blv	ortatio	on	WISDOT F	PROJECT ID:		1204-08-33	3			BOF		G IE):		5
MATTHE	OFTRANS	Mad	ison	, WI 53704	u. -			TRUCTURE ID:						AGE NO:					1 of 1
			ME: JSH 1	18/151 Cab	le Gua	rd	CONSULTANT:		WISDOT	CONSULTANT PROJECT NO:				ATITUDE				ONGITUDE	
RC	ADWAY N	IAME:				D	RILLING CONTRACT	OR:	WISDOT	DRILLING CONTRACTOR PR	OJECT NO:			ORTHIN		45126		ASTING:	752969.3
	TE STAR				11/07/	17 C	REW CHIEF:		P. Skolos	DRILL RIG:		Uni	t 3	OORDIN					wccs
DA	TE COMP	LETED:			11/07/	17	OGGED BY:		S. Hunter	HOLE SIZE:		4	in H	ORIZON	TAL DA	TUM: S Dar		ERTICAL D	ATUM: MSL
CC	OUNTY:				Dai	L	OG QC BY:	T. L	Petersen	HAMMER TYPE:	Αι	ıtoma	tic	TREAME	ED ELE	VATION	: '		NA
ST	ATION	320	+03	OFFSET	11'	Т	OWNSHIP:	RANGE:	SECTION:	1/4 SECTION:		ECTION:		JRFACE	ELEVA	TION:			1157.8 ft
								•		·	•								
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		and G Each M	/ Rock Des Geological (lajor Unit / (Origin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method		Notes
					- 1 -		24" SHOU	LDER GRAVE	EL, moist			GW					SSA	X .	
					2 -	0 \	2.0 FINE TO 0	COARSE SAN	D & GRAVEL	, brown, little silt, firm,	1155.8								
\backslash	SS 1	21	М	6-9-9- 60/3"	- 3 -							GPS							
E	1				4 -		3.8 BOULDER	₹			1154.1		1						
\geq	SS 2	3_	M	60/3"	┤	1													
	1				- 5- - 6 -		6.0 SILT, dark	brown, hard,	moist		1151.8								
	SS 3	24	М	3-5-6-6 (11)	- 7 -		Very stiff				1149.8	ML	4.5 1.75						
\bigvee	SS	24	М	2-3-5-6	+ 8 - - 9 -			vn, some clay,	medium, mo	st		ML	1.0						
$ \rangle$	4	24	IVI	(8)	9 -							IVIL	1.0						
	\bigvee						10.0				1147.8								
CTS(GINT_13)(204-08-53 CABLE GUARU,GPJ USH 18/15) Cable Guard 11/26/17	,				- 10				d of Boring at				•						
- K	7 14.	۸۳۲۰ ۱	ENICO	טו ועודרטרט	ייםו ום י	10.5				N OBSERVATION		ו בדים	NI.	NIA 4 C					WET F
7				DUNTERED				MR	■	CAVE IN DEPTH				NMR					WET DRY WET
IMISDOI	-			L AT COMP			NMR	imata haundan	/: gradual trans	CAVE - IN DEPTH				NMR					WET [DRY [
N SI							resent the approx urement Recorde		r, graduai trans	sition between in-situ soil la	ayers snould	ı ve ext	Jecied.						

OFP	CONSIN.	WI E	ept.	of Transp sman Blvo	ortatio	on	WISDOT F	ROJECT ID:		1	204-08-3	33			BOF		G IE) :	6
HTTMERS	FTRANS	Mad	ison	, WI 53704	4.			TRUCTURE ID:							AGE NO:				1 of 1
			ME: ISH 1	18/151 Cabl	e Gua	rd	CONSULTANT:		WISDOT		ANT PROJECT N				ATITUDE				NGITUDE:
	DWAY N						DRILLING CONTRACT	OR:	WISDOT		CONTRACTOR F	PROJECT NO:			ORTHIN	45	1282		753503.11
	START				11/07/	17	CREW CHIEF: LOGGED BY:		P. Skolos	DRILL RIG			Uni	t 3 📗	OORDIN			l ver	WCCS
COU	COMPL	ETED:			11/07/	17	LOG QC BY:		S. Hunter	HOLE SIZE			4	in	ORIZON TREAME	WCC:	S Dar	ne	RTICAL DATUM: MSL
STA				OFFSET	Da	ne	TOWNSHIP:	T.	L. Petersen	HAIVIVIER	1/4 SECTION:		utoma SECTION:	tic	URFACE				NA
OIA	1014	325	+37	OTTOET	15'	Lt	TOWNOTH :	TOWOL.	OEO HON.		174 GEOTION.	104 104 1	T	"	I	LLLV/	11014.		1159.6 ft
SAMPI E TYPE	NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		and	il / Rock Des Geological (Major Unit / (Drigin fo	r nts		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
	SS 1	24	M	5-8-10-18 (18)	- 1 -		moist		ND & GRAVEL	, brown, I	ittle silt, firm,		GPS					SSA	
\bigvee	SS 2	9	M	8-18-60/3"			D - (- 3.3	very dense	CK, very dense,	moist		1156.4	l .						
					- 4 - - 5-														
							 												
_					6		6.0	F	End of Boring at	6.0.ft		1153.6	6						
							WATE	R LEVEL	. & CAVE-II	N OBSI	ERVATIO	N DATA							
∇		ATER	ENCC	DUNTERED	DURI	IG [ORILLING: N	MR	Ĭ <u>S</u>	CAVE	- IN DEPTH	H AT COMF	PLETIC	N:	NMR				WET DRY
Ā				L AT COMP			NMR		Ē		- IN DEPTH				NMR				WET DRY
NC							oresent the approx surement Recorde		ary; gradual trans	ition betw	een in-situ soi	il layers shoul	d be exp	ected.					

ſ	MISCONSIA	WI [ept.	of Transp sman Blvo	ortati	on	WISDOT F	PROJECT ID:	1204-08-33			E	3 O F	RING	G IE):	7
	OFTRANS	* Mac	ison	, WI 53704				STRUCTURE ID:					AGE NO:				1 of 1
			ME: JSH 1	18/151 Cabl	e Gua	rd	CONSULTANT:	WISDOT	CONSULTANT PROJECT NO:				ATITUDE				ONGITUDE:
L	ROADWA						DRILLING CONTRACT	TOR: WISDOT	DRILLING CONTRACTOR PROJE	ECT NO:			ORTHIN	45	1295	.9	ASTING: 763347.8
	DATE STA				11/07/	17	CREW CHIEF:	P. Skolos	DRILL RIG:		Unit	3	OORDIN			1	wccs
L		MPLETED:			11/07/	17	LOGGED BY:	S. Hunter	HOLE SIZE:		4	in	ORIZON REAMB	NCC	S Dar	ne 📗	ERTICAL DATUM: MSL
	COUNTY:			OFFSET	Da	ne	LOG QC BY: TOWNSHIP:	T. L. Petersen	HAMMER TYPE: 1/4 SECTION:	Au	tomat	ic	JRFACE				NA
Ľ	STATION	40	+00	OFFSET	45'	Lt	TOWNSHIP.	RANGE. SECTION.	1/4 SECTION.	1/4 1/4 31	ECTION.	30	JRFACE	ELEVA	I ION.		1005.5 ft
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		Soil / Rock Des and Geological (Each Major Unit / (Origin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
	SS 1	S 24	М	5-7-7-12 (14)	- 1-	7/7	SILT, brow gravel, stif			1004.5	ML	1.75				SSA	
	SS 2	3 24	М	9-18-20-42 (38)	3		FINE TO (COARSE SAND, light brown ce silt, dense, moist	n, some fine to coarse								
	SS 3	3 12	М	3-9-9-6 (18)	- 4 - - 5-		Firm			999.5	SP						
	SS 4	3 24	М	8-7-6-7 (13)	- 7 -			COARSE SAND, brown, so rm, moist	ne fine to coarse gravel,		0.0						
	SS 5	3 12	М	6-10-24-16 (34)	9 -		Dense			995.5	SP						
ſ					10			End of Boring at	10.0 ft.								
IGINI_13/12/04-00-55 CABLE GUARD.GF & DOFF IQ TO LOADE GUAR TILLED IN																	
ODECIS							WATE	R LEVEL & CAVE-I	N OBSERVATION [DATA							
EN PR	Ţ,	WATER	ENC	DUNTERED	DURII	NG E		MR 💆	CAVE - IN DEPTH AT		LETIO	N:	NMR				WET DRY
IOUSIN				L AT COMP			NMR		CAVE - IN DEPTH AF				NMR				WET DRY
MINION IN	NOTES						oresent the approx surement Recorde	rimate boundary; gradual trans ed	sition between in-situ soil laye	ers should	be exp	ected.					

MISON MISO	UEP CEP	WISCONSIN.	WI	Dept.	of Transp	ortati	on	WISDOT	PROJECT ID:		1204-08-33	3			BOF		G II	D:		8
Section Sec	AHIW	W OF TRANS	Mad	lison					STRUCTURE	ID:										1 of 1
1407/17 140	W			AME: JSH 1	18/151 Cab	le Gua	rd			WISDOT										:
1,107171									TOR:	WISDOT		OJECT NO:				45		7.7	ASTING:	770466.9
1,000 1,00						11/07/	17			P. Skolos			Uni	t 3						wccs
Notes Page	D	ATE COM	MPLETED:			11/07/		OGGED BY:		S. Hunter	HOLE SIZE:		4	in	1	WCC	S Da	ne	ERTICAL D	ATUM: MSL
SS 12 M-W SS	С	OUNTY:				Da		OG QC BY:	7	Γ. L. Petersen	HAMMER TYPE:	Aı	utoma	tic s	TREAME	BED ELE	VATION	l:		NA
SS 12 M-W S-S-7-17 7 SS 12 M-W S-S-5-5 9 SSIT, provan, tender the operand send a graved, moist to week SSIT, graven, tender the operand send a graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to week SSIT, graven, tender to coarse send & graved, moist to week SSIT, graven, tender to week SSIT, graven, graven, tender to week SSIT, graven, graven, graven, moist to week SSIT, graven, graven	S	TATION	47	6+31	OFFSET	40'	Lt 1	FOWNSHIP:	RANGE:	SECTION:	1/4 SECTION:			SI	JRFACE	ELEVA	TION:			942.8 ft
SS 24 M 7-20-16-7 1																				
SS 24 M 7-20-16-7 1 1 1 1 1 1 1 1 1		SAMPLE TYPE NUMBER	RECOVERY (in)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		an	d Geological (Origin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	ı	Notes
SS 24 M 3-5-5-5 3			24	М	7-20-16-7 (36)		\	FINE TO little silt, d	COARSE Clense, mois	st		d,	GP					SSA		
SS 3 12 M 3-7-10-5 6 6 6 SILT, brown, some fine to coarse gravel, little fine to coarse gravel, mile fine to coarse gravel, mi			24	М		- 3 -	-						ML							
SS 12 M-W 5-5-7-17 - 7 - 8 SILT, gray/brown, little fine to coarse sand & gravel, moist to wet SS 12 M-W 5-5-5-5 - 9 Stiff WATER LEVEL & CAVE-IN OBSERVATION DATA WATER LEVEL & CAVE-IN OBSERVATION DATA WATER LEVEL & CAVE-IN DEPTH AT COMPLETION: NMR WATER LEVEL AT COMPLETION: NMR WATER LEVEL AT COMPLETION: NMR			12	М			$D \sim$	FINE TO				īrm	GPS							
WATER LEVEL & CAVE-IN OBSERVATION DATA WATER Substitution of the company of the			12	M-W				sand, stiff	f, moist to w	vet										
WATER LEVEL & CAVE-IN OBSERVATION DATA WATER ENCOUNTERED DURING DRILLING: NMR WET DRY WATER LEVEL AT COMPLETION: NMR WET DRY NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.			12	M-W			-	Stiff						1.25						
WATER ENCOUNTERED DURING DRILLING: NMR	SIGINT_13/1204-08-33 CABLE GUAKD/GPU USH 10/151 CBDM GUBTO 11/20/17																			
WATER LEVEL AT COMPLETION: NMR CAVE - IN DEPTH AFTER 0 HOURS: NMR NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.	*OPECIE							WATE	R LEVE	L & CAVE-II	N OBSERVATION	I DATA								
WATER LEVEL AT COMPLETION: NMR CAVE - IN DEPTH AFTER 0 HOURS: NMR NOTES: 1) Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.	H.	ΣĮν	VATER	ENCC	DUNTERED	DURII	NG D	RILLING: N	IMR	REA	CAVE - IN DEPTH	AT COMF	LETIO	N:	NMR					WET DRY
	lons!	<u> </u>	VATER	LEVE	L AT COMP	LETIO	N:	NMR			CAVE - IN DEPTH	AFTER 0	HOUR	S:	NMR					WET DRY
	/ ISIN	VOTES								dary; gradual trans	sition between in-situ soil la	ayers shoul	d be exp	ected.						

UEP	NISCONSIN			of Transp Isman Blvo		on	WISDO [*]	T PROJECT	ΓID:		1204-0	8-33			BO		G II) :		9
AHIW	W OF TRANS	Mac	lison	, WI 53704				T STRUCTU	JRE ID:						AGE NO					1 of 1
W			JSH 1	18/151 Cab	le Gua	ırd	CONSULTANT:		W	/ISDOT	CONSULTANT PROJE				ATITUDI				ONGITUDE	:
	OADWA'						DRILLING CONTRA	CTOR:	W	/ISDOT	DRILLING CONTRACTO	OR PROJECT N	D:		IORTHIN	45	50876	6.2 E	ASTING:	770873.6
	ATE STA				11/08/	17	CREW CHIEF:		Р.	Skolos	DRILL RIG:		Un	it 3	COORDIN					wccs
D	ATE CO	MPLETED:			11/08/	17	LOGGED BY:		S.	Hunter	HOLE SIZE:		4	1 in	IORIZON	ITAL DA	TUM: S Da i		ERTICAL D	ATUM: MSL
С	OUNTY:				Da	L	LOG QC BY:			etersen	HAMMER TYPE:		Automa	atic	TREAME	BED ELE	VATION	l:		NA
S	TATION	48)+38	OFFSET	37'	1	TOWNSHIP:	RANGE	≣:	SECTION:	1/4 SECTIO	N: 1/4	1/4 SECTION		URFACE	ELEVA	TION:			932.6 ft
								•	•		•	•								
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		E	Soil / Ro and Geol ach Majo	logical C	cription Origin for Comments		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method		Notes
	ss	3 40		4-5-10-11	4	7. 7. 7.7.	0.8	OIL, moi		oarse sand	d & gravel, stiff, mo	93 pist	1.9					004		
	1	' 18	M	(15)			SIE1, SI	own, con		saroo dank	a a gravor, cum, mo	300	ML					SSA		
					 2 -	1	2.5					03	0.1							
	$\ \cdot \ $			4 7 44 44			FINE TO	COARS	SE SAND &	GRAVEL	, brown, little silt, fi		0.1							
	SS 2	18	М	4-7-14-11 (21)	- 3 -	0 1	moist						GPS							
	\setminus					0.0	. (
H	}				4 -	60	4.0 FINE TO	COARS	SE GRAVEI	brown s	some silt, little fine		8.6							
\	/					60		and, firm		-, 2.01,	John Colli, Illia III.									
$ \rangle$	SS	12	М	6-5-8-18	- 5-	0	0													
	3	'-	w	(13)		60	S ^d													
	\setminus		**			0	Wet						GP							
	1				 6 -	60	Loose													
$ \rangle$	//					0	O O													
1)	SS 4	12	W	6-5-4-4 (9)	- 7 -	60	S _q													
\parallel			M-W				7.5	own som	ne fine to co	narse san	d, trace fine to med		5.1	2.5						
					8 -	-	gravel, v	ery stiff,	moist to we		a, trace fine to med	aldill								
1	1		M-W	,			Medium	, wet												
$ \rangle$	$\ $ ss	3 4		1-2-4-12			Moist to	wet					ML							
1/	5	' 4	W	(6)	- 9 -															
	\																			
H					10	ШЦ	10.0		End of I	Boring at	10.0 ft.	92	2.6							
									/ •	J										
17/20/1																				
Guard																				
1 Cable																				
GL/8L H																				
E C																				
DAKD.6																				
ABLE G																				
-08-33																				
13/1204																				
S/GIN I																				
ONEC IS							WAT	ER LE	VEL & C	AVE-IN	N OBSERVAT	ION DAT	A							
N H	ŢΙ	WATER	ENC	DUNTERED	DURII	NG D		NMR		图	CAVE - IN DEF			ON:	NMR					WET DRY
		WATER	LEVE	L AT COMP	LETIO	N:	NMR				CAVE - IN DEF				NMR					WET DRY
M /	VOTES								oundary; gra	adual trans	ition between in-situ	soil layers sh	ould be ex	pected.	,					
ź.		2) NE =	vot En	countered; NN	ηκ = No	Meas	surement Record	aea												

30.	SCONSIN	WI C	Dept.	of Transp	ortatio	on	WISDOT P	PROJECT ID:	1204-08-33		E	3OF	RING	G IE):	10
EPARTMET	OFTRANSO	3502 Mad	2 Kin Iison	sman Blvo , WI 53704	d. L	ı	WISDOT S	STRUCTURE ID:				GE NO:				1 of 1
WI	SDOT PRO	DJECT NA	ME:	8/151 Cab		rd	CONSULTANT:	WISDOT	CONSULTANT PROJECT NO:		LA	ATITUDE	i:		LC	ONGITUDE:
RO	ADWAY N						DRILLING CONTRACT		DRILLING CONTRACTOR PROJE	CT NO:	NO	ORTHIN	G: 448	467.8	37 E/	ASTING: 774930.1
DA	TE START	TED:			11/08/	17	CREW CHIEF:	P. Skolos	DRILL RIG:	Unit	3 CC	OORDIN	ATE SY			WCCS
DA	TE COMP	LETED:			11/08/		LOGGED BY:	S. Hunter	HOLE SIZE:	4 i	Н		TAL DAT			ERTICAL DATUM: MSL
CO	UNTY:				Dar		LOG QC BY:	T. L. Petersen	HAMMED TVDE:	Automati	ST		ED ELE			NA
ST	ATION	534	1+84	OFFSET	15'	Lt	TOWNSHIP:	RANGE: SECTION:	1/4 SECTION:	1/4 1/4 SECTION:		JRFACE	ELEVAT	TION:		962.9 ft
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		Soil / Rock De and Geological Each Major Unit /	Origin for	USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
	SS 1	24	М	0-1-2-6 (3)	- 1 -	1/ 1/ 1/ 1/	1.0	,	and, trace fine gravel, moist		2.0				SSA	
	SS 2	24	М	2-4-6-10 (10)	- 3 -		Very stiff				2.25 2.75					
	SS 3	6	М	10-8-7-9 (15)	- 5-		gravel, mo Very stiff 6.0			ML 956.9	2.25					
	SS 4	24	М	7-8-10-14 (18)	- 7 -		SILT, brow coarse gra Very stiff	wn, some fine to coarse sai avel, moist	nd, little clay, little fine to		2.25 2.5					
\bigvee	SS 5	6	М	3-4-3-4 (7)	- 9 -		Medium			952.9						
								End of Boring at	: 10.0 π.							
SKGINI_T3/1Z04-08-33 CABLE GUAND.GFJ USH 18/151 Cabe Guard 11/28/17																
(OPEC)							WATE	R LEVEL & CAVE-	N OBSERVATION D	DATA						
ž Z	<u>Z</u> w	ATER I	ENCC	DUNTERED	DURIN	IG [DRILLING: NI	MR 💆	CAVE - IN DEPTH AT	COMPLETION	l:l	NMR				WET DRY
Z Z	Z w	ATER	LEVE	L AT COMF	PLETIO	N:	NMR		CAVE - IN DEPTH AF	TER 0 HOURS	S: N	NMR				WET DRY
N							present the approxi		sition between in-situ soil laye	rs should be expe	cted.					

30.	WISCONSIN 3	WI E	ept.	of Transp sman Blvo	ortatio	on	WISDOT P	ROJECT ID:	1204-08-33			E	3 O F	RIN	G IE) :	11
PARTIME	OFTRANS	Mad	ison	sman Bivo , WI 53704	J.		WISDOT S	TRUCTURE ID:				PA	AGE NO:	:			1 of 1
WI	SDOT PR	OJECT NA	ME: JSH 1	8/151 Cab	le Gua	rd	CONSULTANT:	WISDOT	CONSULTANT PROJECT NO:			L	ATITUDE	≣:		L	ONGITUDE:
RC	DADWAY	NAME:				ı	DRILLING CONTRACT	OR: WISDOT	DRILLING CONTRACTOR PROJE	CT NO:		N	ORTHIN		16422		ASTING: 777653.
DA	TE STAR	TED:			11/08/		CREW CHIEF:	P. Skolos	DRILL RIG:		Uni	t 3	OORDIN	IATE SY	STEM:	•	wccs
DA	TE COM	PLETED:			11/08/	17	LOGGED BY:	S. Hunter	HOLE SIZE:		4	in	ORIZON		TUM: S Dar		ERTICAL DATUM: MSL
CC	OUNTY:				Dar	ne	LOG QC BY:	T. L. Petersen	HAMMER TYPE:		ıtoma	tic	reame	BED ELE	VATION	l:	N/
ST	ATION	572	:+84	OFFSET	9'	Lt	TOWNSHIP:	RANGE: SECTION:	1/4 SECTION:	1/4 1/4 S	ECTION:	SI	JRFACE	ELEVA	TION:		962.5 f
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		Soil / Rock Des and Geological (Each Major Unit / (Origin for		USCS / AASHTO	Strength Op (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
					- 1 -		1.5	LDER GRAVEL, moist	nd, trace fine gravel, moist	961.0	GW					SSA	
\bigvee	SS 1	18	М	3-4-4-7 (8)	- 3 -		Very stiff			958.5	ML	3.0					
	SS 2	24	М	2-5-5-7 (10)	- 5-		SILT, brow coarse gra Stiff	<i>n</i> n, some clay, little fine to n rvel, moist	edium sand, little fine to			1.75 2.0					
\bigvee	SS 3	24	М	11-7-8-10 (15)			Very stiff				ML	2.0 2.75					
\bigvee	SS 4	24	М	3-4-16-26 (20)			Stiff 9.0 FINE TO 0 some silt, 1			953.5 952.5	GPS	2.0					
מוסטון מוסטון און בייני מיסטון								End of Boring at									
7	7 1.	, A T C C :	-NICC	NINTERES.	ם יים	10.5			N OBSERVATION D		. FT:^	NI:	NIN 45				WFT F
				DUNTERED				MR 💆	CAVE IN DEPTH AT				NMR				WET [DRY [WET [DRY [
É				L AT COMP			NMR present the approxi	imate boundary: gradual trans	CAVE - IN DEPTH AF				NMR				DRÝ
'							surement Recorde		sourcon in-situ soii iayei	. J Jriouil	. 20 EXF	Joieu.					

. OEF	NISCONSIN 3	WI E	ept.	of Transp sman Blvo	ortatio	on	WISDOT PROJECT ID:		1204-08-33			E	3OF	RIN	G IE) :	12
MATTRE	OFTRANSIO	Mad	ison	sman bive , WI 53704	1.		WISDOT STRUCTURE ID:					PA	AGE NO:				1 of 1
			ME: ISH 1	18/151 Cabl	e Gua	rd	CONSULTANT: WISI	рот	CONSULTANT PROJECT NO:				ATITUDE				ONGITUDE:
	ADWAY						DRILLING CONTRACTOR: WISI	рот	DRILLING CONTRACTOR PROJEC	CT NO:			ORTHIN	44	6357		ASTING: 778071.
	TE STAR				11/08/	17	CREW CHIEF: P. Ske	olos	DRILL RIG:		Uni	t 3	OORDIN				wccs
DA	TE COM	PLETED:			11/08/ ⁻		LOGGED BY: S. Hu	nter	HOLE SIZE:		4	in		WCC:	S Dar	ne	ERTICAL DATUM: MSL
	OUNTY:				Dar	ne	LOG QC BY: T. L. Peter	rsen	HAMMER TYPE:		toma	tic	REAMB			l:	N/
ST	ATION	577	+07	OFFSET	15'	Lt	TOWNSHIP: RANGE: SEC	TION:	1/4 SECTION:	1/4 1/4 SE	ECTION:	SU	JRFACE	ELEVA	ΓΙΟN:		958.7 f
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic	Soil / Rock and Geologi Each Major Ui	ical C	Origin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes
	SS 1	12	М	5-3-3-6 (6)	- 1 -		6" SHOULDER GRAVEL, loose, 0.5 SILT, brown, some clay, little fine medium gravel, moist Stiff			958.2	GW ML	1.75				SSA	
\bigvee	SS 2	24	М	5-10-7-12 (17)			2.5 FINE TO COARSE SAND, brow trace silt, firm, moist 3.5 SILT, brown, some fine to mediu coarse gravel, moist	•		956.2 955.2	SP						
\bigvee	SS 3	12	М	1-3-5-5 (8)	- 5- - 6-		Very stiff			952.7	ML	2.25					
\bigvee	SS 4	24	M-W M	2-3-5-7 (8)	- 7 -		FINE TO COARSE SAND, brow gravel, loose, moist to wet 7.0 SILT, brown, some clay, some fi gravel, moist Stiff	•		951.7	SP	1.75					
	SS 5	18	М	2-9-21-40 (30)			9.0 The fine to coarse sand & gr	AVEL	, light brown, firm, moist	949.7	GPS	2.0					
					10		End of Bori	ng at	10.0 ft.								
CONDIN. TO IZOTODO CADEL CONTINUES O COLL IN TO LOUGH COMMON TO THE COLL INC.																	
- AND -							WATER LEVEL & CA\										
,				DUNTERED				屬	CAVE - IN DEPTH AT				NMR				WET DRY
7	-			L AT COMP			NMR		CAVE - IN DEPTH AFT				NMR				WET [DRY [
N							present the approximate boundary; gradua surement Recorded	i trans	ıtıon between ın-situ soil layer	s should	ре ехр	ected.					

ſ	O NISCONSIN	WI Dept. of Transportation 3502 Kinsman Blvd.					WISDOT F	PROJECT ID:	1204-08-33		BORING ID: 13								
L	OFTRANS	* Mad	ison	, WI 53704				STRUCTURE ID:			AGE NO:				1 of 1				
L			JSH 1	18/151 Cab	le Gua	rd	CONSULTANT:	WISDOT	CONSULTANT PROJECT NO:		ATITUDE				ONGITUDE:				
L	ROADWA						DRILLING CONTRACT	WISDOT	DRILLING CONTRACTOR PROJE		NORTHING: 445742.1 COORDINATE SYSTEM:				ASTING: 782364.9				
DATE STARTED: 11/08/17 DATE COMPLETED:							CREW CHIEF:	P. Skolos	DRILL RIG: HOLE SIZE:	t 3				Ιν	WCCS VERTICAL DATUM:				
L	COUNTY:	WIPLETED:			11/08/	17	LOG QC BY:	S. Hunter		in					MSL				
L	STATION	Dar					TOWNSHIP:	T. L. Petersen	Petersen FAMILIAN TYPE:			tic	STREAMBED ELEVATION: SURFACE ELEVATION:				NA		
ŀ		620	+50	-	15'	Lt	T								1		988 ft		
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic		Soil / Rock De: and Geological Each Major Unit /	Origin for		USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes		
	S5 1	24	М	4-8-8-18 (16)	- 1 -		1.5 FINE TO I trace silt, 1	JLDER GRAVEL, firm, mois MEDIUM SAND, brown, littl firm, moist	986.5	GW SP					SSA				
	SS 2	3 18	М	4-4-4-5 (8)	- 3 -			wn, some fine to medium sary stiff, moist	and, little fine to medium	985.5	ML	2.5 1.75							
/	SS 3	6	М	3-3-60/4"	- 5-		Very stiff 5.0 BOULDEF	₹		983.0 982.0		2.25							
	SS 4	24	М	4-6-6-6 (12)	- 7 -		SILT, redo gravel, mo Stiff	COARSE SAND, brown, so		980.5 980.0	ML	1.5							
	SS 5	12	М	4-4-7-7 (11)	- 8 - - 9 -			wn, some fine to medium sa		978.0	ML	1.75							
GINI PROJECTOVENI 13/12/44/05/3 CABLE GUAND. OF J. DOFT TO TO TO TO TO TABLE GUAND.	-	WATER	ENCC	DUNTERED	DURIN	NG D		ER LEVEL & CAVE-I	N OBSERVATION [CAVE - IN DEPTH AT		LETIO	N:	NMR				WE⊺ □ DRY □		
SDOLG		WATER	LEVE	L AT COMP	LETIO	N:	NMR		CAVE - IN DEPTH AF	TER 0 I	HOUR	S:	NMR				WET DRY		
WIND:	NOTES						present the approx surement Recorde	kimate boundary; gradual tran	sition between in-situ soil laye	ers should	be exp	ected.							

OEP.	NSCONSIN.	WI E	ept.	of Transp	ortatio	on	WISDOT PROJECT ID: 1204-08-33						-33				BORING ID:						
3502 Kinsman Blvd. Madison, WI 53704							WISDOT STRUCTURE ID:											AGE NO	1	of '			
			ME: JSH 1	18/151 Cabl	e Gua	rd					ISDOT		TANT PROJECT					ATITUD				ONGITUDE:	
	1 YAWDA						DRILLING CONTRACTOR: WI				ISDOT						NORTHING: 446558.6			3.6	EASTING:	86508	
DATE STARTED: 11/08/17								CREW CHIEF: P. Sko				DRILL RIG: Unit				it 3		SYSTEM:			NCCS		
DATE COMPLETED: 11/08/1							LOGGED BY:				Hunter	HOLE SIZE:			4 in			HORIZONTAL DATUM: WCCS Dane				/ERTICAL DATUM:	MSL
CO	UNTY:							LOG QC BY: T. L. Petersen				HAMMER TYPE: Automatic			atic	TREAM	BED ELE	VATION	N:	NA NA			
ST	ATION						TOWNSHIP: RANGE: SECTION: 1/4 SECTION:						1/4 1/4 SECTION:			SURFACE ELEVATION:				1045.1 f			
								•					•	•									
	SAMPLE TYPE NUMBER	RECOVERY (in) (RQD)	Moisture	BLOW COUNTS (N VALUE)	Depth (ft)	Graphic			Soil / Rock Desc and Geological Oi Each Major Unit / Ci				rigin for			USCS / AASHTO	Strength Qp (tsf)	Liquid Limit (%)	Plasticity Index (%)	Boulders	Drilling Method	Notes	3
	SS 1	12	М	8-5-6-5 (11)	- 1 -	h. 7	, 0.5 F	' TOPSOIL, INE TO MEI ravel, firm, n	DIUM S	SAND, br	own, son	ne silt, lit	tle fine to coa		044.6						SSA	A	
\bigvee	SS 2	24	М	5-6-7-8 (13)	- 3 -																		
\bigvee	SS 3	24	М	6-12-16-12 (28)	5 5											SP							
\bigvee	SS 4	24	М	7-10-14-16 (24)			8.0								037.1								
\bigvee	SS 5	6	М	4-10-12-11 (22)				LAY, brown, and, trace sil	lt, very :	stiff, mo	ist	·	e fine to coars		035.1	CL							
									ı	End of E	Boring at	10.0 ft.											
פורו																							
5								WATFR	I FVF	1 & C	AVF-II	N ORS	SERVATION	ON D4	ΔΤΑ								
Z	7 w	ATFR	ENCC	DUNTERED	DURIN	NG F							E - IN DEPT			LETIC	ON:	NMR	<u> </u>				WET [
Z				L AT COMP			NMR	INIVIR	•		15-41		E - IN DEPT					NMR					WET [DRY [
H	-			lines between				ne approxima	te bound	dary; gra	dual trans												DKY [
				countered; NN						,, g. w				.,	•	4							