Ar	pen	dix	\mathbf{E}

Boring and Test Pit Logs

		ι	JRS Diamond		TEST PIT LOG
					SHEET: 1 of 1
ı	PROJECT:	Rochester Driv	ring Park	JOB NUMBER:	
	CLIENT:	DuPont		LOCATION:	Rochester Driving Park
CONT	TRACTOR:	Nothnagle		GROUND ELEVATION:	504.46 ft AMSL
DATE	STARTED:	8/27/2008		OPERATOR:	Steve Lorante
DATE CO	MPLETED:	8/27/2008		GEOLOGIST:	Craig Taylor
PIT	NUMBER:	TP-E3		GROUND WATER:	Dry
DEPTH	SAN	MPLE .		DESCRIF	
FEET	No.	Туре		220	
1—————————————————————————————————————	TP-E3 Fill	TAL/TCL and PFOA	Fill: Refusal with backhoe ove slab. Gravel with sand and s brown and gray, dry.	ilt below slab to ~4.5' bgs,	08/27/2008
5 ————————————————————————————————————	TP-E3 Native	TAL/TCL and PFOA	Native: silty clay, with little sagray, stiff. Bottom of Test Pit	ind and gravel, dry, tan, br	own and
			Bottom of Test Pit		

Test pit was ~30' long x 8.0' deep (at maximum) x ~2.5' wide.

* Samples submitted for analyses.

TP-E3 (Fill) - 4.5' bgs. (TAL/TCL and PFOA @ 12:18pm)

TP-E3 (Native) - 8.0' bgs. (TAL/TCL and PFOA @ 12:30pm)

		l	JRS Diamond		TEST PIT LOG	
					SHEET: 1 of 1	,
	PROJECT:	Rochester Driv	ving Park	JOB NUMBER:		
	CLIENT:	DuPont		LOCATION:	Rochester Driving Park	
CC	NTRACTOR:	Nothnagle		GROUND ELEVATION:		
DAT	ΓE STARTED:	8/26/2008		OPERATOR:	Steve Lorante	
DATE C	OMPLETED:	8/26/2008		GEOLOGIST:	Craig Taylor	
P	PIT NUMBER:	TP-L05		GROUND WATER:	Dry	
DEPTH	SAN	MPLE		DESCRIP	PTION	
FEET	No.	Туре	West			East
1			Fill: silt and clay fill with brick ~1.5' bgs	, brown, dry.		
2 —	TP-L05 Fill	TAL/TCL and PFOA	Native Soil: brown, silt and cl	lay, dry.	Approximate line between fill and native.	
3 ——					~3' bgs	
4						
5 ——	TP-L05 Native	TAL/TCL and PFOA				
6			Bottom of Test Pit			
7 —						
8 —						
COMMENTS:			rubber-tire backhoe model 140	00B.		

* Samples submitted for analyses.

TP-L05 (Fill) - 2.0' bgs. (TCL @ 9:55am, PFOA & TAL @ 12:05pm)
TP-L05 (Native) - 5.5' bgs. (TCL @ 10:05am, PFOA & TAL @ 12:10pm)

PROJECT: Rochester Driving Park CLIENT: DuPont CONTRACTOR: Nothinagle GROUND ELEVATION: 504.76 ft AMSL DATE STARTED: 8/26/2008 DATE COMPLETED: 8/26/2008 PIT NUMBER: TP-L07 DEPTH FEET No. Type West TAL/TCL and PFOA Silty clay with gravel, brown, dry. Bottom of Test Pit Bottom of Test Pit FIX: 1 of 1 FIX: 904 1 LOCATION: Rochester Driving Park LOCATION: Rochester Driving Park Rochester Driving Park LOCATION: Rochester Driving Park LOCATION: Rochester Driving Park Bottom of Test Pit LOCATION: Rochester Driving Park LOCATION: Rochester Driving Park Rochester Driving Park LOCATION: Rochester Driving Park Bottom: 504.76 ft AMSL GROUND LEVATION: 504.76 ft AMSL Call Tall Toll: Sold Toll Tall Toll:		ι	JRS Diamond		TEST PIT LOG
CLIENT: DuPont LOCATION: Rochester Driving Park CONTRACTOR: Nothnagle GROUND ELEVATION: 504.76 ft AMSL DATE STARTED: 8/26/2008 OPERATOR: Steve Lorante DATE COMPLETED: 8/26/2008 GEOLOGIST: Craig Taylor PIT NUMBER: TP-L07 DEPTH FEET No. Type West TP-L07 Fill Sand, with silt and gravel, dry. TP-L07 Fill Sand, with silt and gravel, dry. TP-L07 Fill Sand, with silt and gravel, dry. TP-L07 Fill Sand, with gravel, brown, dry. Silty clay with gravel, brown, dry. Bottom of Test Pit Bottom of Test Pit					SHEET: 1 of 1
CONTRACTOR: Nothnagle DATE STARTED: 8/26/2008 DATE COMPLETED: 8/26/2008 PIT NUMBER: TP-L07 DEPTH FEET No. Type TAL/TCL and PFOA Sity clay with gravel, brown, dry. Bottom of Test Pit Bottom of Test Pit Bottom of Test Pit Recomples Steve Lorante GROUND ELEVATION: 504.76 ft AMSL OPERATOR: Steve Lorante Steve Lorante GROUND WATER: Dry GROUND WATER: Dry DESCRIPTION Figure Properties of the pr	PROJECT:	Rochester Driv	ving Park	JOB NUMBER:	
DATE STARTED: 8/26/2008 OPERATOR: Steve Lorante DATE COMPLETED: 8/26/2008 GEOLOGIST: Craig Taylor PIT NUMBER: TP-L07 GROUND WATER: Dry DEPTH SAMPLE West DESCRIPTION 1 TP-L07 Fill PFOA FILL TWO remnant foundation piers, topped with steel plates, observed at ~1.0 feet bgs. Bottom depth of piers not determined. 3 TP-L07 Native TP-L07 TAL/TCL and PFOA Silty clay with gravel, brown, dry. Bottom of Test Pit Bottom of Test Pit	CLIENT:	DuPont		LOCATION:	Rochester Driving Park
DATE COMPLETED: 8/26/2008 PIT NUMBER: TP-L07 GROUND WATER: Dry DEPTH SAMPLE No. Type West TP-L07 Fill TAL/TCL and PFOA TWO remnant foundation piers, topped with steel plates, observed at ~1.0 feet bgs. Bottom depth of piers not determined. Silty clay with gravel, brown, dry. TP-L07 Native TP-L07 TAL/TCL and PFOA Silty clay with gravel, brown, dry. Bottom of Test Pit	CONTRACTOR	Nothnagle		GROUND ELEVATION:	504.76 ft AMSL
DEPTH FEET No. Type West DESCRIPTION 1 TP-L07 Fill FOA Fill Sample Fill: sand, with silt and gravel, dry. TWO remnant foundation piers, topped with steel plates, observed at ~1.0 feet bgs. Bottom depth of piers not determined. Silty clay with gravel, brown, dry. TP-L07 Native TAL/TCL and PFOA Silty clay with gravel, brown, dry. Bottom of Test Pit	DATE STARTED	8/26/2008		OPERATOR:	Steve Lorante
DEPTH FEET No. Type West E TP-L07 Fill TAL/TCL and PFOA Silty clay with gravel, brown, dry. TP-L07 Native TAL/TCL and PFOA Silty clay with gravel, brown, dry. Bottom of Test Pit	DATE COMPLETED:	8/26/2008		GEOLOGIST:	Craig Taylor
FEET No. Type West TP-L07 Fill TAL/TCL and PFOA Two remnant foundation piers, topped with steel plates, observed at ~1.0 feet bgs. Bottom depth of piers not determined. Silty clay with gravel, brown, dry. TP-L07 Native TAL/TCL and PFOA Bottom of Test Pit	PIT NUMBER:	TP-L07		GROUND WATER:	Dry
TP-L07 Fill TAL/TCL and PFOA Fill: sand, with silt and gravel, dry. Two remnant foundation piers, topped with steel plates, observed at ~1.0 feet bgs. Bottom depth of piers not determined. Silty clay with gravel, brown, dry. TP-L07 Native PFOA Bottom of Test Pit Bottom of Test Pit	DEPTH SAI	VIPLE		DESCRIP	TION
TP-L07 Fill TAL/TCL and PFOA Two remnant foundation piers, topped with steel plates, observed at ~1.0 feet bgs. Bottom depth of piers not determined. Silty clay with gravel, brown, dry. TP-L07 Native TAL/TCL and PFOA Bottom of Test Pit	FEET No.	Туре	West		East
COMMENTS: Test pit excavated with JCB rubber-tire backhoe model 1400B. Test pit was 20' long x 5.0' deep x 2' wide. * Samples submitted for analyses. TP-L07 (Fill) - 0-2' bgs. (TCL @ 10:33am, PFOA & TAL @ 11:25pm)	1 TP-L07 Fill 2 TP-L07 Sill 4 TP-L07 Native 5 Test pit excave 7 Test pit excave 8 Test pit was 20' long x 5.0' deep * Samples submitted for analy	TAL/TCL and PFOA TAL/TCL and PFOA vated with JCB of x 2' wide. ses.	Fill: sand, with silt and gravel, Silty clay with gravel, brown, or Bottom of Test Pit	Two remnant foundation preet bgs. Bottom depth of dry.	piers, topped with steel plates, observed at ~1.0

		U	JRS Diamond		TEST PIT LOG
					SHEET: 1 of 1
	PROJECT:	Rochester Driv	ring Park	JOB NUMBER:	
	CLIENT:	DuPont		LOCATION:	Rochester Driving Park
cc	ONTRACTOR:	Nothnagle		GROUND ELEVATION:	504.68 ft AMSL
DAT	ΓΕ STARTED:	8/27/2008		OPERATOR:	Steve Lorante
DATE (COMPLETED:	8/27/2008		GEOLOGIST:	Craig Taylor
F	PIT NUMBER:	TP-L08		GROUND WATER:	Dry
DEPTH	SAN	/IPLE		DESCRIF	
FEET	No.	Туре		22001111	
1—————————————————————————————————————	TP-L08 Fill	TAL/TCL and PFOA	Fill: Gravel with sand and silt, Native: silty clay, with little sa		08/27/2008
5 ————————————————————————————————————	TP-L08 Native	TAL/TCL and PFOA	Bottom of Test Pit		08/47/2008

Test pit was ~8' long x 6.5' deep (at maximum) x ~2.0' wide.

* Samples submitted for analyses.

TP-L08 (Fill) - 3.0' bgs. (TAL/TCL & PFOA with MS & MSD @ 13:14pm)

TP-L08 (Native) - 6.0' bgs. (TAL/TCL & PFOA @ 13:25pm)

		U	JRS Diamond		TEST PIT LOG
					SHEET: 1 of 1
	PROJECT:	Rochester Driv	ving Park	JOB NUMBER:	
	CLIENT:	DuPont		LOCATION:	Rochester Driving Park
co	NTRACTOR:	Nothnagle		GROUND ELEVATION:	504.44 ft AMSL
DAT	E STARTED:	8/27/2008		OPERATOR:	Steve Lorante
DATE C	OMPLETED:	8/27/2008		GEOLOGIST:	Craig Taylor
Р	IT NUMBER:	TP-L09		GROUND WATER:	Dry
DEPTH	SAN	/IPLE		DESCRIF	
FEET	No.	Туре		22001111	
1 — 2 — 3 — 4 —	TP-L09 Fill	TAL/TCL and PFOA	Fill: gravel, sand, silt, reddish Approximately 0.5' of blacker		with charred organics (predominantly wood). 0 to 4.5' bgs, dry.
5 — 6 — 7 —	TP-L09 Native	TAL/TCL and PFOA	Native: silty clay, with little sand and gravel, reddish brown, stiff, dry.		
8 ———			Bottom of Test Pit		

Test pit was ~10' long x 7.5' deep (at maximum) x ~2.0' wide.

* Samples submitted for analyses.

TP-L09 (Fill) - 4.5' bgs. (TAL/TCL & PFOA @ 14:00pm)

TP-L09 (Native) - 7.0' bgs. (TAL/TCL & PFOA @ 14:13pm)

		l	URS Diamond		TEST PIT LOG					
					SHEET: 1 of 1					
	PROJECT:	Rochester Driv	ving Park	JOB NUMBER:						
	CLIENT:	DuPont		LOCATION:	Rochester Driving Park					
cc	ONTRACTOR:	Nothnagle		GROUND ELEVATION:	495.17 ft AMSL					
DAT	TE STARTED:	8/27/2008	j	OPERATOR:	Steve Lorante					
DATE (COMPLETED:	8/27/2008	;	LOCATION: Rochester Driving Park GROUND ELEVATION: 495.17 ft AMSL						
F	PIT NUMBER:	TP-L15		GROUND WATER:	Dry					
DEPTH		MPLE								
FEET	No.	Туре	<u></u>	_ ·						
1——— 2——— 3——	TP-L15 Fill	TAL/TCL and PFOA	Blackened fill (1.5 to 3.5' bgs)	s) on western 1/2 of TP (eas	astern 1/2 of TP below 1.5' is native).					
4	TP-L15 Native	TAL/TCL and PFOA	Native: silty clay, with little sar	nd and gravel, dry, tan to r	reddish brown, stiff, slightly moist.					
5 ————————————————————————————————————			Bottom of Foct. 1.							
8 ——					08/27/2008					

Test pit was ~10' long x 4.5' deep (at maximum) x ~2.0' wide.

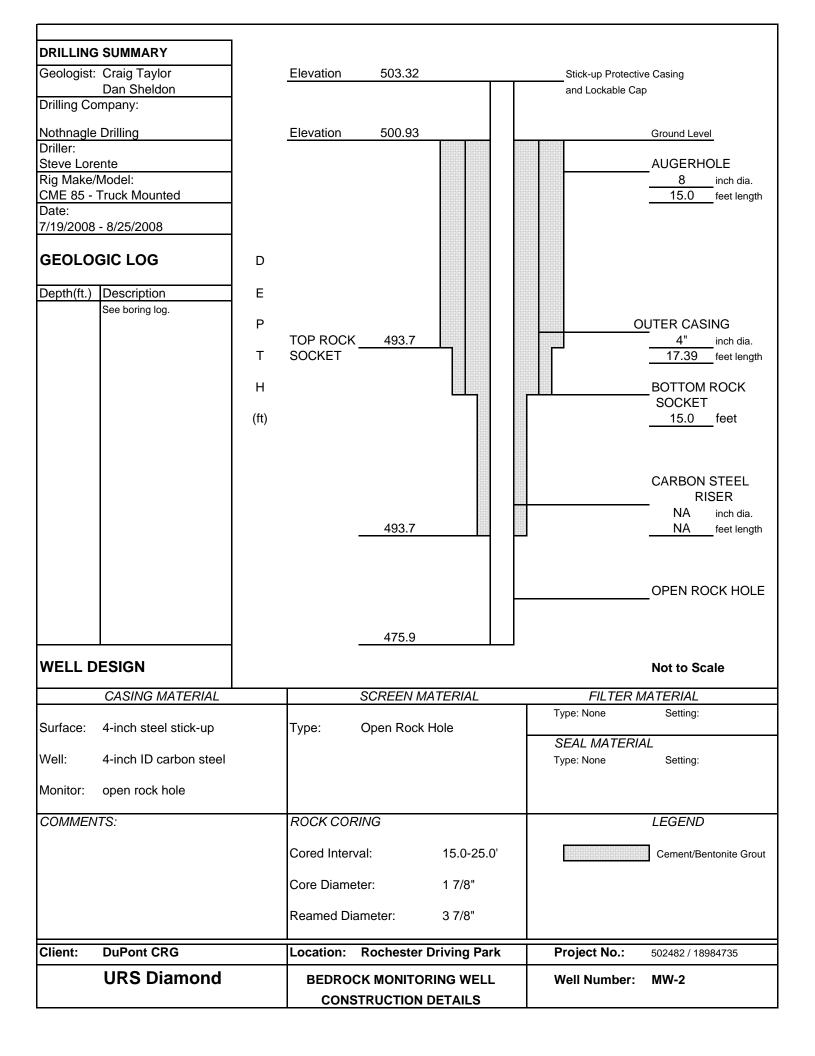
* Samples submitted for analyses.

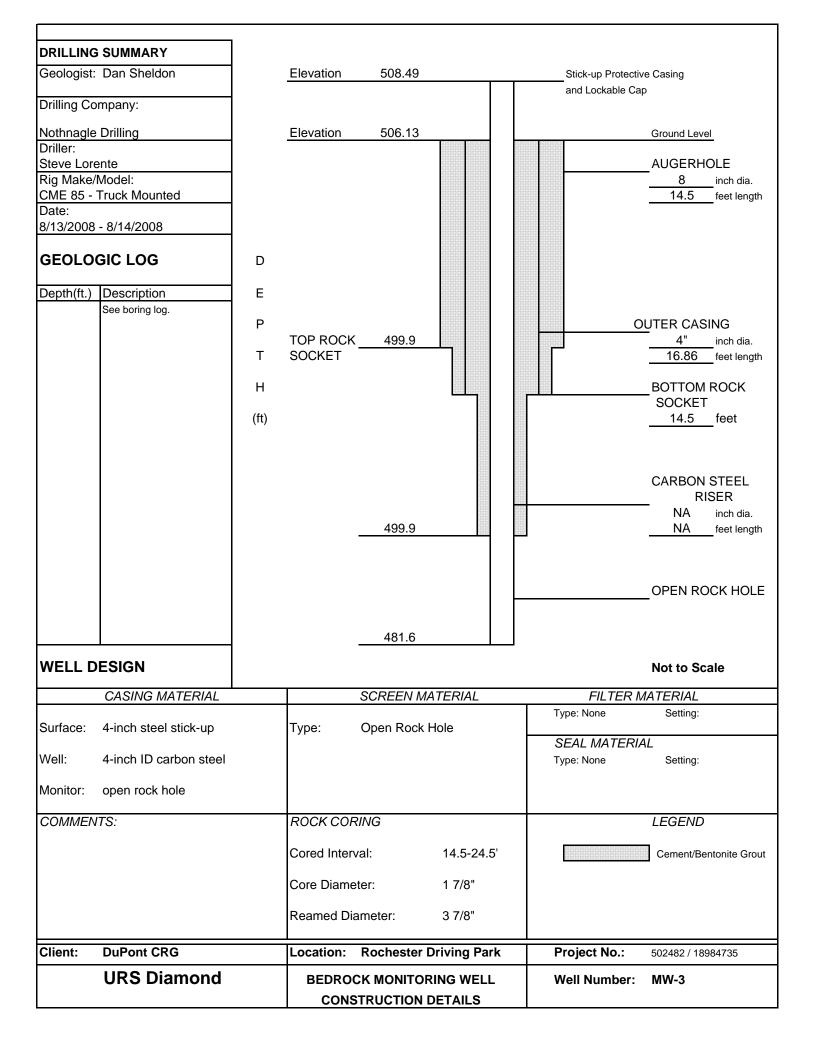
TP-L15 (Fill) - 3.0' bgs. (TAL/TCL & PFOA @ 14:45pm)

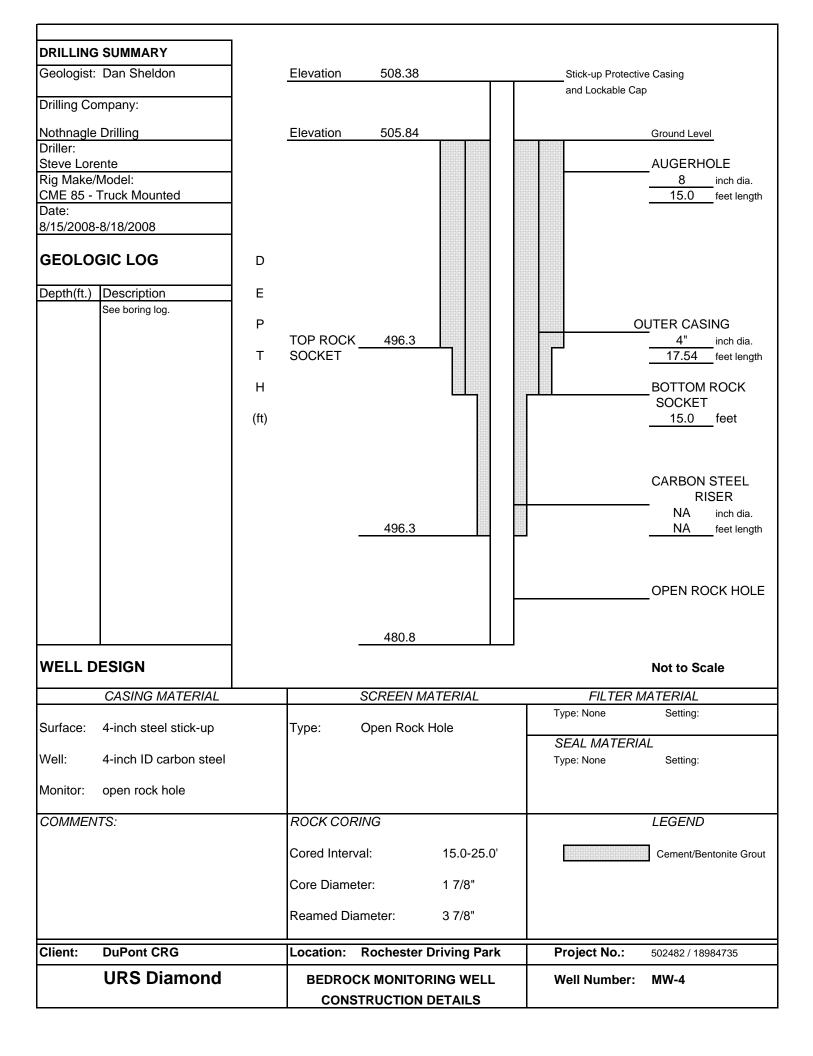
TP-L15 (Native) - 4.0' bgs. (TAL/TCL & PFOA @ 15:00pm)

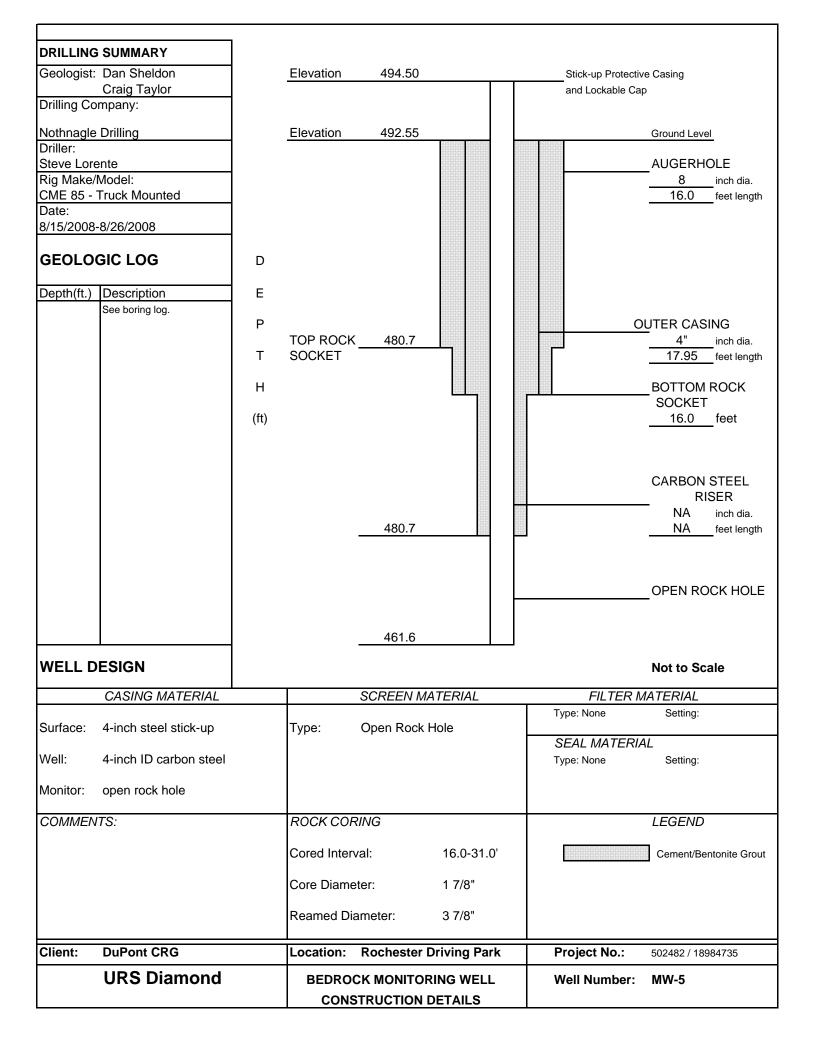
	Ap	pen	dix	F
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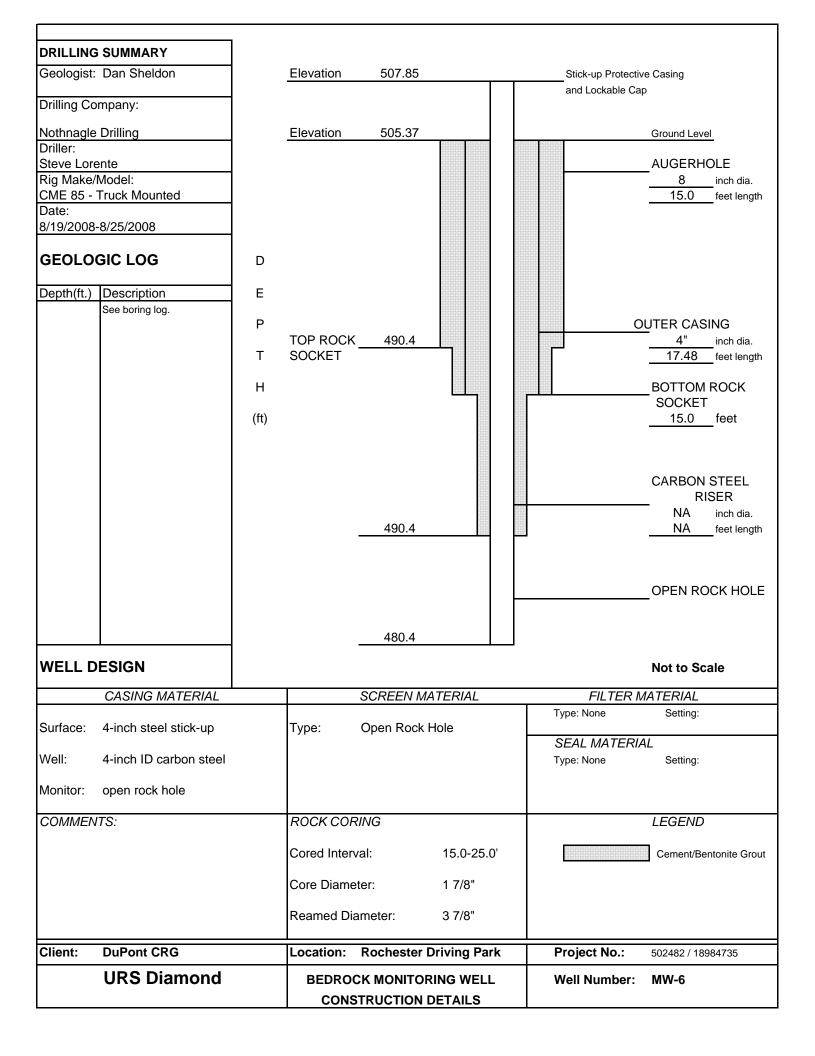
Monitoring Well Construction Diagrams

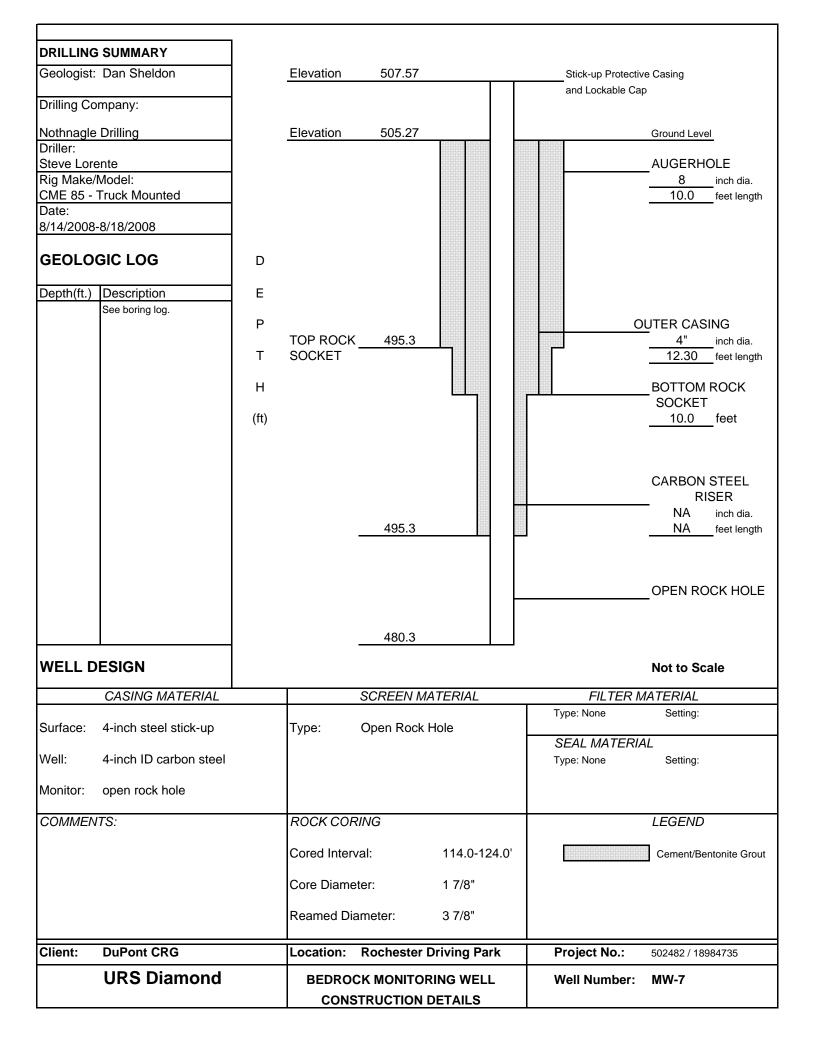












	URS Diamond									TEST BORING LOG			
										BORING NO: MW-02			
PROJE	CT:	Rock	nester D	riving Pa	ark					SHEET:	1	of	1
CLIENT	:	DuP	ont CRG							JOB NO.:	507463		
	CONTRA		R:	Nothnag	le Drilling		1			BORING LOCATION:			/ E1397826.84
_	DWATER	_				CAS.	SAMPLER		TUBE	GROUND ELEVATION:	500.9	93	
DATE	TIME	LE	VEL	TYPE	TYPE	6 1/4"		NX		DATE STARTED:			
					DIA.	HSA		2.5" ID		DATE FINISHED:	08/25		
					WT.	-		-		DRILLER:	Steve Lo		
					FALL	CVET DEN	 ETROMETE	- D DEAL	NINC .	GEOLOGIST: REVIEWED BY:	Craig Taylor / Dan Sheldon		
			SAMP		FO	CKET FEN	EIROWEIE		RIPTION				
DEPTH			SAIVIE	BLOW	S REC%		CONSIST			MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PER 6		COLOR	HARD			SCRIPTION	uscs	PID	KEWAKKO
	XXXXX				114270			Fill: gra		ed insulation, sand, dry			Collected sample 1.0-
		S-1			45%	Tan		to sligh	tly mois	t.		0.0	3.0' (fill) at 11:45, with MS/MSD No native sample.
5		S-2			85%			As abo	ve 4.0-6	.0'.		0.0	
		S-3			95%			As abo	ve 6.0-7	.2'.		0.0	
10 15 20 25		C-1			REC 100% RQD 8%	Gray		15.0' b	hrough gs. one: 15.0	weathered bedrock to 0-25.0', gray, highly gh angle or weathered		NR 0.0	Approximately 15 minutes to complete core run #1. Removed 50 gallons after coring.
30									End of b	oring at 25.0' bgs.			
35	m4=:	<u> </u>				(C1/2							
Comme		Borir	ng advar	iced with	truck-moun	tea CME-85	5 drill rig usin	ng		DDO JECT NO	E07400	/ 1000	2721
	/4" ID HSA. C: Macrocore Sampler.									PROJECT NO.	507463 /	1898	13131
IVIC: IVIA	crocore Sa	ınpiei	1.							BORING NO.	MW-02		

	URS Diamond									TEST BORIN	G LO	G		
										BORING NO:	MW-3			
PROJE	CT:	Rocl	hester D	Priving	y Park	(SHEET:	1	of	1
CLIENT			ont CRC									507463		
	CONTRA		R:	Nothr	nagle	Drilling (BORING LOCATION:			/ E1397667.48
GROUN	DWATER	:					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:	506.	13	
DATE	TIME	LE	EVEL	TY	PE	TYPE	6 1/4"		HQ		DATE STARTED:	08/12		
						DIA.	HSA		2.5" ID		DATE FINISHED:	08/14		
						WT.	-		-			Steve Lo		
						FALL	-		-			Dan She	ldon	
						* POC	CKET PEN	ETROMETE			REVIEWED BY:	1		
		ı	SAMF	1		I /			DESC	RIPTION				
DEPTH FEET	STRATA	NO	TYPE	PEF	OWS	REC% RQD%	COLOR	CONSIST HARD			MATERIAL SCRIPTION	USCS	PID	REMARKS
1	SINAIA	140.				KQD/0	COLOR	HAND	Gravel		bgs, dry.	0000	יו ו	Collected sample 2.0-
	*****					-								4.0' (native) at 11:00
	*****	S-1							Silt: 1.0)-4.0', ta	n, dry.		0.0	am. No fill sample.
	*****													No IIII sample.
5									Clayey	Silt: 4.0	-6.2', dense, dry.			
Ť		S-2											0.0	
	<u>=///=//</u>	-								Sampler	refusal at 6.2' bgs			
	╻┸╻┸╻┸╻┸╻┸ ┸┯┸┯┸┯┸┯┸┯┸┯													
10													ND	
	▗ ┸┰┸┰┸┰┸ ┸┰┸┰┸┰												NR	
						1								
						-								
						-								
	# <u></u>										er to 14.5' bgs			
15											5-24.5', shaley, sen, horizontal and			
											es through out, increasing			
						1			betwee	n 21.0-2	24.5'.			
	╻┸╻┸╻┸╻┸╻┸╻┸ ┸┯┸┯┸┯┸┯┸┯┸┯					DEO								Approximately 15
						REC 99%								minutes to complete
		C-1				-	Gray						0.0	core run #1.
20						RQD								Lost ~8-10 gallons of
	# <u></u>					16%								water.
	╻┦╻┦╻┦╻┦╻┦ ┸╤┸╤┸╤┸╤┸╤┸╤													
						1								
25	, , , , , , , , , , , , , , , , , , , 									End of L	oring at 24.5' bgs.			
25						1				LIIU OI D	omig at 24.0 bys.			
						.								
]								
30						1								
	•													
						1								
						1								
]								
35														
Comme	nts:	Borir	ng advar	nced w	ith tru	ıck-mount	ed CME-85	drill rig usin	ng					
	5 1/4" ID HSA.								•	507463	1898	3731		
MC: Ma	crocore Sa	ample	r.								BORING NO.	MW-3		

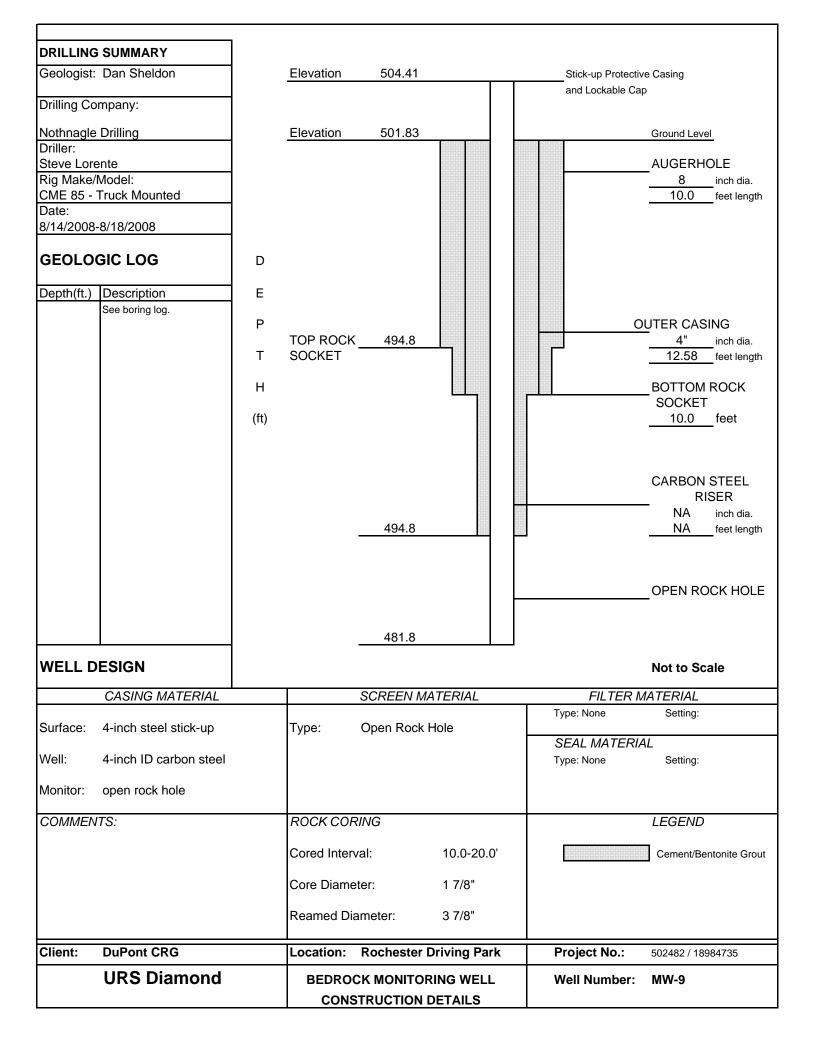
	URS Diamond									TEST BORIN	G LO	G	
										BORING NO: MW-4			
PROJE	CT:	Rocl	hester D	riving F	ark					SHEET:	1	of	1
CLIENT	:	DuP	ont CRG	}						JOB NO.:	507463		
	G CONTRA		R:	Nothna	gle Drillin		r		1	BORING LOCATION:		78.54	/ E1397569.86
	DWATER					CAS.	SAMPLER	†	TUBE	GROUND ELEVATION	: 505.	84	
DATE	TIME	LE	EVEL	TYPI		6 1/4"		HQ		DATE STARTED:	08/15		
					DIA.	HSA		2.5" ID		DATE FINISHED:	08/18		
					WT.	-		-		DRILLER:	Steve Lo		
					FALL * D	OCKET PEN	ETROMETE	D DEAL	DINC	GEOLOGIST: REVIEWED BY:	Dan She	eldon	
			SAMP) E		OCKET PEN	EIROWEIE		RIPTION			l	
DEPTH			SAIVIE	BLOV	/S REC%	<i>/</i>	CONSIST	1		MATERIAL	1		REMARKS
FEET	STRATA	NO.	TYPE	PER (HARD			SCRIPTION	uscs	PID	KEMAKKO
					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	002011		Gravel		nd: 0.0-1.0'			Collect sample 1.0-3.0'
		S-1			73%			Sand, and native	Silt and (material,	Clay: 1.0-4.0', reworked soft and moist.		0.0	(fill) at 9:40. No native material observed above bedrock.
5		S-2			55%				ve 4.0-8			0.0	
10		S-3			93%			bgs. T	race coa	', gray, fill, wet at 9.5' al at 9.5'. ıl at 9.5' bgs.		0.0	
20 25 30		C-1			REC 97% RQD 13%			Dolosto very br	one: gray	efusal at 15.0' bgs. y, broken throughout, 3.0-19.5' bgs), and at fossils at 22.0-25.0'		0.0	Approximately 15 minutes to complete core run #1. Removed 50 gallons after coring. WL @ ~19.7' bgs after purge.
Comme	nts:	Borir	ng advar	nced with	truck-mou	Inted CME-8	5 drill rig usir	ng			1	1	L
6 1/4" IE	6 1/4" ID HSA.								PROJECT NO.	507463	/ 1898	33731	
MC: Ma	crocore Sa	mple	r							BORING NO.	MW-4		

	URS Diamond									TEST BORING LOG				
									BORING NO:	MW-5				
PROJE	CT:	Rocl	hester D	riving P	ark					SHEET:	1	of	1	
CLIENT	:	DuP	ont CRC	•						JOB NO.:	507463	/ 1898	3731	
BORING	CONTRA	ACTO	R:	Nothna	gle Drilling	Co.		1			N1161389.38 / E1397677.51			
GROUN	DWATER	:				CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION	: 492.	55		
DATE	TIME	LE	EVEL	TYPE	TYPE	6 1/4"		HQ		DATE STARTED:	08/15/08			
					DIA.	HSA		2.5" ID		DATE FINISHED:	08/26/08 Steve Lorante			
					WT.	-		-		DRILLER:				
					FALL	-		-		GEOLOGIST:	Dan She	ldon /	Craig Taylor	
					* PO	CKET PEN	ETROMETE	R REAI	DING	REVIEWED BY:		1		
		ı	SAMF				I	DESC	RIPTION		1			
DEPTH				BLOW			CONSIST			MATERIAL			REMARKS	
FEET	STRATA	NO.	TYPE	PER 6	" RQD%	COLOR	HARD	Acabal		avel: 0.0-1.0'	USCS	PID	No fill.	
	*****									-4.0', tan, trace gravel,			Collected sample 2.0-	
		S-1	МС		65%	Tan	Dense to	dry.		-		0.0	4.0' (native) at 12:05.	
			IVIC		0370	Tan	Very Dense					0.0		
								As abo	ve 4.0-8	.0'.				
5										dry, some mottling,				
		S-2	МС		100%	Tan	Dense to Very Dense		ine sand	I partings.		0.0		
							very Dense							
									ve 8.0-1					
40										to wet, gravel at 9.0'				
10		S-3	MC		82%	Tan	Dense to Very Dense	_	y 1" beio	ow gravel.		0.0		
							Very Dense							
													Refusal at 11.9'	
													Augered 11.9 to 16.0	
							Dense to						feet bgs. No samples collected. Dry.	
15						Tan	Very Dense					0.0	2.7.	
15														
										efusal at 16.0' bgs. 0-26.0', some fossils				
										s, moderately fractured				
								with no	appare	nt weathered fractures,				
									th calcite	e crystal at 23.75' bgs,				
20					REC			gray.					Approximately 15	
					100%								minutes to complete	
		C-1				Gray	Hard					0.0	core run #1.	
					RQD 56%								Lost ~5 gallons during	
					30%								coring.	
25														
								Dolosto	one: 26.0	0-31.0', moderately				
					REC			fracture	ed with r	o apparent weathered				
					100%		,	rracture	es, gray.					
	╻╏╻╏╻╏╻╏ ┎┸┰┸┰┸┰┸┰┸	C-2			RQD	Gray	Hard					0.0		
30					49%									
								F	nd of Ro	oring at 31 feet bgs.				
									51 50	g at 5				
35														
Comme		Borir	ng advar	ced with	track-moun	ted CME-85	drill rig usin	ıg						
	6 1/4" ID HSA.								PROJECT NO.	507463	1898	3/31		
MC: Mad	crocore Sa	ample	r.							BORING NO.	MW-5			

				UR	SE	Diamo	nd				TEST BORIN	IG LO	G	
											BORING NO:	MW-6		
PROJE	CT:	Rocl	hester D)riving	Park						SHEET:	1	of	1
CLIENT			ont CR								JOB NO.:	507463		
	CONTRA				agle l	Drilling (Co.				BORING LOCATION:			
	DWATER						CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION			
DATE	TIME		EVEL	TYP	=	TYPE	6 1/4"		HQ		DATE STARTED:	08/19		
DAIL	IIIVIL			111		DIA.	HSA		2.5" ID		DATE STARTED:	08/25		
						WT.	- -		2.5 10		DRILLER:	Steve Lo		
						FALL * POO	- NET DEN	 ETROMETE	D DEA	DINC	GEOLOGIST: REVIEWED BY:	Dan She	eldon	
			0.4.845			700	VEI LEIN	LIKUMEIL					l	
DEDTU		ı	SAME		**0	DE00/		CONCIOT		RIPTION				DEMARKS
DEPTH FEET	STRATA	NO	TYPE	BLO\ PER	-	REC% RQD%	COLOR	CONSIST HARD			MATERIAL ESCRIPTION	USCS	PID	REMARKS
1	SINAIA	NO.	TIFE	FER	0	NQD/0	COLOR	HAND	Gravel	Cover: 0		0303	FID	Collect sample 0.5-2.5'
	*****										clay (0.5-4.0'), brown,			(fill) at 9:15.
	******	S-1				78%				slightly n			0.0	No native material
	XXXXX	3-1				1070							0.0	observed above
	XXXX													bedrock.
	******								As abo	ve 4.0-8	א הי			
5									AS abc	WE 4.0-0	5.0 .			
	******	S-2				26%							0.0	
														Refusal at 7' bgs.
10														
15										Auger re	efusal at 15.0' bgs.			
13											y, moderately fractured,			
											red fracture at 24' bgs.			
											-			
						DEC								Approximately 15
						REC 100%								minutes to complete
20		C-1				.0070							0.0	core run #1.
						RQD								Removed 50 gallons
						29.2%								after coring.
25									<u></u>					
30														
	•													
35														
	nte:	Dor!	a odve	200d 111;1	h tro	ok maust	od CME O	E drill ria usia	<u> </u>			<u>I</u>	<u> </u>	<u> </u>
6 1/4" IE		DUIII	iy advar	iced wit	.11 (12)	CK-IIIOUNT	eu CIVIE-8	5 drill rig usir	ıy		PROJECT NO.	507462	/ 1000	2721
		mnla	-								1	507463	1098	00101
ivio: ivia	crocore Sa	пре	1.								BORING NO.	MW-6		

				UF	rs l	Diamo	nd				TEST BORIN	G LO	G	
											BORING NO:	MW-7		
PROJE	CT:	Forn	ner DuP	ont Br	adfo	rd Site, A	dditional I	nvestigtaio	n		SHEET:	1	of	1
CLIENT	:	DuP	ont CRC								JOB NO.:	507463	/ 1898	3731
	CONTRA		R:	Nothn	agle	Drilling (BORING LOCATION:		36.87	/ E1397890.74
GROUN	DWATER	:		•			CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:	505.	27	
DATE	TIME	LI	EVEL	TYF	PE	TYPE	6 1/4"		HQ		DATE STARTED:	08/14	/08	
						DIA.	HSA		2.5" ID		DATE FINISHED:	08/18		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	<u>-</u>		-		GEOLOGIST:	Dan She	eldon	
						* PO(CKET PEN	ETROMETE			REVIEWED BY:		1	
			SAMF							RIPTION				
DEPTH	CTDATA	NO	TYPE	BLO PER		REC%	COLOR	CONSIST			MATERIAL	11000	PID	REMARKS
FEET	STRATA	NO.	ITPE	PER	. 0	RQD%	COLOR	HARD	Gravel		SCRIPTION y: 0.0-1.0'	USCS		No fill.
		0.4							Silt: 1.0		n, increasing density			Collect sample 2.0-4.0' (native) at 8:20.
		S-1				98%							0.0	
5		S-2				80%			As a	bove, dı	ry. Refusal at 5.0' bgs.		0.0	
10										Auge	er to 10.0' bgs.			
											y, broken throughout,			
											11.8, 13.3-18.7' bgs, and ace fossils at 22.0-25.0'			Approximately 25
									bgs.	bys, iie	ice 1035115 at 22.0-25.0			minutes to complete
														core run #1.
						REC								Removed 10 gallons
15		C-1				100%							0.0	(well went dry) after
						RQD							0.0	coring .
						8.3%								WL @ ~25.0' bgs after
	╻╏╻╏╻╏ ┎╌┰╌┰╌┰╌┰╌┰													purge.
														TD = 27.3' bgs.
														1D = 27.5 bgs.
20														
	╻┸╻┸╻┸╻┸╻┸╻┸ ╍╤╍╤╍╤╍╤╍╤╍╤╍╤													
25										0	will to OF OI have			
25	**************************************									Overd	Irill to 25.0' bgs.			
	·													
						1								
20														
30														
	,													
]								
35]								
Comme		Borir	ng advar	nced wi	th trU	Jck-moun	ted CME-8	5 drill rig usi	ng		DDO ICOT NO	E07400	/ 1000	10704
6 1/4" IE	orocore Sa	mnla	r								PROJECT NO. BORING NO.	507463 / MW-7	1898	3131
IVIO. IVIA	0.00018 38	hie									BONING NO.	.v. v v - /		

				UR	S L	Diamo	nd				TEST BORIN	G LO	G	
											BORING NO:	MW-9		
PROJE	CT:	Rocl	hester D	Priving	Park	(SHEET:	1	of	1
CLIENT	:	DuP	ont CRC	3							JOB NO.:	507463	/ 1898	3731
BORING	G CONTRA	СТО	R:	Nothn	agle	Drilling (Co.				BORING LOCATION:	N11610	05.49	/ E1397600.93
GROUN	IDWATER:	:					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:	501.	83	
DATE	TIME	LE	EVEL	TYP	Έ	TYPE	6 1/4"		HQ		DATE STARTED:	08/14	/08	
						DIA.	HSA		2.5" ID		DATE FINISHED:	08/18	/08	
						WT.	-		-		DRILLER:	Steve Lo	orante	
						FALL	-		-		GEOLOGIST:	Dan She	eldon	
						* PO(KET PEN	ETROMETE	R REAI	DING	REVIEWED BY:			
			SAME	PLE					DESC	RIPTION	N			
DEPTH				BLO	ws	REC%		CONSIST		ľ	MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PER	6"	RQD%	COLOR	HARD		DE	SCRIPTION	USCS	PID	
										: 0.0-0.5				Sample 1.0-3.0' (fill)
									(perche		ned (fill), wet at 3'			collected @ 11:15.
		S-1				78%			фегси	su).			0.0	
5										ete: 4.0-5				Sample 4.0-6.0'
		S-2				80%			gravel,		dense tan silt, trace		0.0	(native) collected @ 11:30.
											al at 7.0' bgs.			11.00.
		NA				NA			Weath	ered bed	drock (gravelly dolostone)	-	NA	
10									Auger	Refusal	at 10.0' bgs.			Set 4" casing
10									Dolosto	one: gra	y, very fractured at 15.6			oot i dadiiig
									and 19	.5' bgs.	Clay (weathered rock) at			
									19.5' b	gs.				
														Approximately 15
15						95%								minutes to complete
15		C-1					Gray						0.0	core run #1.
						12%								Removed 150 gallons
														after coring.
20														
						1								
	l.					†								
				\vdash		-								
25	ı					.								
]								
	•					1								
						1								
						-								
30														
						1								
				\vdash		1								
35														
Comme	ents:	Borir	ng advar	nced wit	th tru	ıck-mount	ed CME-85	drill rig usin	ıg					
6 1/4" IE	HSA.										PROJECT NO.	507463	/ 1898	3731
MC: Ma	crocore Sa	mple	r.								BORING NO.	MW-9		



				UR	RS E	Diamoi	nd				TEST BORIN		}	
												B-N-01		
PROJEC			nester D		Park						SHEET:	1		
CLIENT:			ont CRG									507463 /	18983	3731
	CONTRA		:	Nothna	agle l	Drilling C				_ =	BORING LOCATION:			
	DWATER:	_					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	EVEL	TYP	Έ	TYPE	Mac	roCore			DATE STARTED:	08/12		
						DIA.		1.5"			DATE FINISHED:	08/12		
						WT.			-			Steve Lo		
						FALL * PO		 Etromete		ING	GEOLOGIST: REVIEWED BY:	Dan She	idon	
			SAMF	PI F			OKETTEN	LINOMETE		RIPTION				
DEPTH			OAMI	BLO	ws	REC%		CONSIST			MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PER		RQD%	COLOR	HARD			SCRIPTION	uscs	PID	REMINITION
									Asphalt		avel 0.0-1.0'.			Collected sample 2.0-
									Silt and	l Gravel:	1.0-5.0', reworked native			4.0' (fill) at 13:10 with
	******								materia		, , , , , , , , , , , , , , , , , , , ,			MS/MSD.
	******	S-1				42%							0.0	Collected sample 6.0-
														7.0' (native) at 13:50.
5	******													
									Silt: 5.0)-5.5', tar	n, slight moist.			
									Silt and	I Gravel:	5.5-9.0', very moist, some			
						600/			sand.				0.0	
		S-2				62%							0.0	
10											an, some medium and			
									coarse	gravel, d	iry.			
									Mosit s	and strin	ger at 12.0'			
		S-3				72%							0.0	
		3-3				12%							0.0	
15														
20														
25														
20														
30														
35														
Comme	nte:	Bori-	a adva-	cod with	h truc	k-mounts	d CME of -	rill ria usina						<u> </u>
			iy advan	cea With	ıı ıruc	K-IIIOUNTE	u UIVIE-85 0	Irill rig using			PROJECT NO.	507463 /	12001	2721
a geopro	be sample	1.									•	B-N-01	1098	וטוט
											DOMINO NO.	۱۸-۱۱ ت		

				UI	RS I	Diamoi	nd				TEST BORIN	G LO	3	
											BORING NO:	B-N-02		
PROJEC			nester D		Park						SHEET:		of	
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	R:	Nothr	nagle	Drilling C		041	005-	 -	BORING LOCATION:			
	DWATER:		-\/		DE	TV5=	CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:	0011-	/0.0	
DATE	TIME	LE	EVEL	TY	ΡĒ	TYPE	Macı	roCore			DATE STARTED:	08/12		
						DIA. WT.	_	1.5"	_		DATE FINISHED:	08/12 Steve Lo		
						FALL	<u> </u>		-		DRILLER: GEOLOGIST:	Dan She		
							CKET PEN	I ETROMETEI	R READ	ING	REVIEWED BY:	Dan one	idon	
			SAMP	LE						RIPTION				
DEPTH					ows	REC%		CONSIST			MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PEF	₹ 6"	RQD%	COLOR	HARD			SCRIPTION	USCS	PID	
	******								Asphalt	and Gra	avel: 0.0-1.0'			Collected sample 2.0-
						:			Fill: 1.0	-4.0'. bla	ck sandy gravel, with			4.0' (fill) at 14:30.
	*******	S-1				78%			some s				0.0	Collected sample 5.0-
	*******													6.0' (native) at 14:50.
									Cil+ /nc	tivo\. 4 0	- 8.0', dry to slightly			-
5									moist.	uve). 4.0	- o.o , dry to slightly			
		S-2				85%							0.0	
		J-2				33 /6							0.0	
						1								
40														
10														
15														
10														
]								
20														
25														
30														
30														
						.								
35														
Comme	nts:	Borin	ig advan	ced wi	th truc	k-mounte	d CME-85 d	Irill rig using				•		
	be sample										PROJECT NO.	507463 /	18983	3731
											BORING NO.	B-N-02		

				UF	RS I	Diamo	nd				TEST BORIN	IG LO	3	
											BORING NO:	B-N-03		
PROJEC	T:	Rock	nester D	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /	1898	3731
	CONTRA	CTOR	l :	Nothn	nagle	Drilling C		1	ı	•	BORING LOCATION:			
_	DWATER:	1		1			CAS.		CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	VEL	TY	PE	TYPE	Mac	roCore			DATE STARTED:	08/12		
						DIA.		1.5"			DATE FINISHED:	08/12		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-	FTDOMETE	-	INO	GEOLOGIST:	Dan She	ldon	
			0444			* PO	CKETPEN	ETROMETE			REVIEWED BY:			
DEPTH			SAMF		ows	REC%		CONSIST		RIPTION	MATERIAL			DEMARKS
FEET	STRATA	NO	TYPE	PER		RQD%	COLOR	HARD			SCRIPTION	USCS	PID	REMARKS
1221	XXXXXX	NO.	11176	r Li		NQD/0	COLOR	HAND	Asphalt		avel: 0.0-1.0'	0303	FID	Fill sample not collected
						_					- 8.0', tan, dense, till.	-		(fill not observed).
		S-1				65%			Siit (na	uve). 1.0	- o.u , tari, derise, tiii.		0.0	Callagae d agreenta 2.0
						33.1								Collected sample 2.0-3.0' (native) at 15:00.
														(1.0.1.7.5) at 1.0.001
5						1								
		S-2				90%							0.0	
]								
10														
10	ı					_								
	•													
	•					_								
15														
13	1					-								
						-								
20	•													
	1													
						1								
						4								
]								
25														
	ı					1								
						1								
						1								
	•					4								
]								
30														
	•]								
	•					†								
						1								
						1								
	•]								
35														
Comme	nts:	Borin	g advan	ced wit	th truc	k-mounte	d CME-85 d	Irill rig using						
a geopro	be sample	r									PROJECT NO.	507463 /	1898	3731
											BORING NO.	B-N-03		

				UI	RS I	Diamoi	nd				TEST BORIN		}	
												B-N-04		
PROJEC	T:	Rock	nester Di	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG									507463 /	18983	3731
	CONTRA	CTOR	<u>t:</u>	Nothr	nagle	Drilling Co			I I		BORING LOCATION:			
	DWATER:			1			CAS.		CORE		GROUND ELEVATION:			
DATE	TIME	LE	EVEL	TY	PE	TYPE	Macr	oCore			DATE STARTED:	08/13/		
						DIA.		1.5"			DATE FINISHED:	08/13/		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-		-		GEOLOGIST:	Dan Shel	don	
						* PO	CKET PEN	ETROMETE			REVIEWED BY:			
-			SAMP			1	1		DESCI	RIPTION				
DEPTH)WS	REC%		CONSIST			MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PEF	₹6"	RQD%	COLOR	HARD	Acabalt		SCRIPTION ivel: 0.0-1.0'	USCS	PID	Fill sample not collected
		S-1				70%			Fill: rew	orked cla	ayey soil (1.0-3.0') - 8.0', coarse gravel, fine		0.0	(insufficient volume to sample). Collected sample 4.0-5.0' (native) at 08:00.
5		S-2				55%					ghtly moist to dry.		0.0	3.0 (native) at 00.00.
10														
15														
20														
0.5														
25														
30														
30														
35														
Comme	nts:	Borin	ig advan	ced wi	th truc	k-mounted	d CME-85 d	rill rig using						
	be sampler							<u> </u>			PROJECT NO.	507463 /	18983	3731
- '												B-N-04		
•									•					

				UI	RS I	Diamoi	nd				TEST BORIN	G LO	3	
											BORING NO:	B-N-05		
PROJEC			nester D		Park						SHEET:	1		
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOF	₹:	Nothr	nagle	Drilling C		1	1	1	BORING LOCATION:			
	DWATER:	1					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	EVEL	TY	PE	TYPE	Mac	roCore			DATE STARTED:	08/13		
						DIA.		1.5"			DATE FINISHED:	08/13		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-	ETDOMETE	-	1110	GEOLOGIST:	Dan She	ldon	
			0.4.845			- PO	CKEIPEN	ETROMETE			REVIEWED BY:			
DEPTH			SAMP		ows	REC%		CONSIST	DESC	RIPTION	MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PEF		RQD%	COLOR	HARD			ESCRIPTION	USCS	PID	REWARKS
	XXXXXX	110.				NQD /0	OOLOR	HARD	Asphalt		avel: 0.0-1.0'	0000	1.15	Collected sample 1.0-
	>>>>>>								Fill: rew	vorked cl	ayey soil (1.0-4.0'), rusty			3.0' (fill) at 08:35.
		S-1				53%			shale a	t 4.0'.			0.0	Collected sample 5.0-
														6.0' (native) at 08:50.
	>>>>>>													, ,
5											ve): 4.0 - 8.0', massive			
									clayey	silt.				
		S-2				55%							0.0	
10	•													
	i													
	•													
15	•													
	ı													
	•													
	•													
	•													
20														
	•													
	•													
	•													
25														
	•													
	•					:								
	•													
	•													
	•													
30	•													
	•													
	•													
						.								
35														
Comme	nts:	Borin	ng advan	ced wi	th truc	k-mounte	d CME-85 c	Irill rig using						
a geopro	be sample	r.									PROJECT NO.	507463 /	18983	3731
											BORING NO.	B-N-05		

				UF	RS I	Diamoi	nd				TEST BORIN	G LO	3	
											BORING NO:	B-N-06		
PROJEC	T:	Rock	nester D	riving	Park				-	-	SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	:	Nothn	nagle	Drilling C		I =	I	I	BORING LOCATION:			
	DWATER:	1					CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:		_	
DATE	TIME	LE	VEL	TY	PE	TYPE	Mac	roCore			DATE STARTED:	08/13		
						DIA.		1.5"			DATE FINISHED:	08/13		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-	 ETROMETE	-	INC	GEOLOGIST: REVIEWED BY:	Dan She	ldon	
			CAME			1 10	CKETPEN	EIROWEIE						
DEPTH			SAMP		ws	REC%		CONSIST	DESC	RIPTION	MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PER		RQD%	COLOR	HARD			ESCRIPTION	USCS	PID	KLWAKKS
	×××××					114270	-	12.112	Asphalt		avel: 0.0-1.0'	-		Collected sample 3.0-
						-			Fill: rew		It (1.0-4.0'), tan, slightly			4.0' (native) at 09:05.
		S-1				50%			moist.				0.0	

5											- 8.0', tan, some gravel,			
-						1			slightly	moist to	dry.			
		S-2				53%							0.0	
						. I								
10														
						-								
15														
						-								
						-								
20														
						1								
						1								
						 								
25						.								
]								
]								
]								
						1								
						1								
30						. I								
						.								
]								
						1								
25						1								
35 Commo	nto:	D-a-	a a -l. · - ·	oo4	th +	de marer	4 CME 05	المالية	<u> </u>		Ι	L		<u> </u>
Comme			ig advan	cea wit	ın truc	к-mounte	a CIVIE-85 C	Irill rig using			DDO JECT NO	E07400 /	1000	2724
a geopro	be sample										PROJECT NO. BORING NO.	507463 / B-N-06	1898	0/01
											BURING NU.	B-N-06		

				UF	RS L	Diamoi	nd				TEST BORIN	G LO	}	
											BORING NO:	B-N-07		
PROJEC	T:	Rock	nester D	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	R:	Nothn	agle	Drilling C		ſ			BORING LOCATION:			
1	DWATER:						CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	VEL	TY	PE	TYPE	Macı	roCore			DATE STARTED:	08/13/		
						DIA.		1.5"			DATE FINISHED:	08/13/		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-	ETROMETE	-	INC	GEOLOGIST:	Dan Shel	don	
			CAME			PO	CKEIPEN	ETROMETE			REVIEWED BY:			
DEPTH			SAMP	BLC	N/6	REC%		CONSIST	DESC	RIPTION	MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PER		RQD%	COLOR	HARD			SCRIPTION	uscs	PID	KLWAKKS
	***************************************					114270	GGLGIK	10.00	Asphalt		avel: 0.0-1.0'	0000		Collected sample 2.0-
	*******								Fill: 1.0	-1.5'., W	ood, Gravel, Clay.			3.0' (native) at 09:30.
		S-1				68%				orked si	lt, gravel (1.5-4.0'), tan,		0.0	
	********								dry.					
5											- 8.0', tan, dense, red			
									sandsto	one grave	el @ 7.0' dry.			
		S-2				83%							0.0	
10														
-														
15														
20														
25														
30														
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Comme	nts:	Borin	g advan	ced wit	th truc	k-mounte	d CME-85 d	Irill rig using						
a geopro	be sample	r.									PROJECT NO.	507463 /	18983	3731
											BORING NO.	B-N-07		

				UI	RS I	Diamo	nd				TEST BORIN		}	
											BORING NO:	B-S-01		
PROJEC			nester D		Park						SHEET:		of	
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOF	l :	Nothr	nagle	Drilling C				1	BORING LOCATION:			
	DWATER:	1		1			CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	EVEL	TY	PE	TYPE	Mac	roCore			DATE STARTED:	08/13	/08	
						DIA.		1.5"			DATE FINISHED:	08/13	/08	
						WT.	-		-		DRILLER:	Steve Lo	rante	
						FALL	-		-		GEOLOGIST:	Dan She	ldon	
						* PO	CKET PEN	ETROMETE	R READ	ING	REVIEWED BY:	,		
		1	SAMP					T		RIPTION				
DEPTH					ows	REC%		CONSIST			MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PEF	₹ 6"	RQD%	COLOR	HARD	A 1 1		SCRIPTION	USCS	PID	
	*******									: 0.0-1.0'	avelly, black and gray, dry,			Collected sample 1.0-3.0' (fill) at 14:00.
									faint op		ively, black and gray, ary,			0.0 (IIII) at 14.00.
		S-1				38%							0.0	Collected sample 4.0-
	*****					1			Silt: 3.0	- 6.0', t	an dry			5.0' (native) at 14:30.
									O	0.0, 1	an, ary.			
5		S-2				85%							0.0	
		0 2				0070							0.0	
										Re	efusal at 6.0'			
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Comme			g advan	ced wi	th truc	k-mounte	d CME-85 c	Irill rig using						
a geopro	be sample	r.									PROJECT NO.	507463 /	18983	3731
											BORING NO.	B-S-01		
											<u> </u>			

				U	RS I	Diamo	nd				TEST BORIN	G LO	3	
											BORING NO:	B-S-02		
PROJEC	CT:	Rock	nester D	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /		
BORING	CONTRA	CTOR	₹:	Nothr	nagle	Drilling C	0.				BORING LOCATION:			
GROUN	DWATER:						CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	EVEL	TY	PE	TYPE	Macı	roCore			DATE STARTED:	08/13	/08	
						DIA.		1.5"			DATE FINISHED:	08/13		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-		-		GEOLOGIST:	Dan She		
							CKET PEN	ETROMETE	R READ	ING	REVIEWED BY:			
	1		SAMF	LE						RIPTION				
DEPTH					ows	REC%		CONSIST		ı	MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PEF		RQD%	COLOR	HARD			SCRIPTION	USCS	PID	
											l, trace ash and cinders,			Insufficient volume for
						1			dry to s	light moi	ist, poor recovery.			sampling.
		S-1				33%							0.0	
5										above to				
3		S-2				60%					sufficient volume to		0.0	
									sample		(1 0 0			
										R	efusal at 6.0'			
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	nto:	D-a	a a -l. :-	oo-l · · ·	th +	de ma a com t	4 CN4E 05	rill rice	<u> </u>			<u> </u>		l
Comme			ig advan	cea Wi	ın truc	k-mounte	u CIVIE-85 0	Irill rig using			BBO IECT NO	E07400 /	1000	2724
a geopro	be sample										PROJECT NO.	507463 /	18983	0/01
											BORING NO.	B-S-02		
											I			

				Ul	RS I	Diamo	nd				TEST BORIN	IG LO	3	
											BORING NO:	B-S-03		
PROJEC	CT:	Rock	nester D	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	l:	Nothr	nagle	Drilling C		T	1		BORING LOCATION:			
_	DWATER:	1					CAS.		CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	VEL	TY	PE	TYPE	Mac	roCore			DATE STARTED:	08/14		
						DIA.		1.5"			DATE FINISHED:	08/14		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-	FTDOMETE	-	INO	GEOLOGIST:	Dan She	ldon	
			0444			* PO	CKETPEN	ETROMETE			REVIEWED BY:			
DEPTH			SAMF		ows	REC%		CONSIST	DESC	RIPTION	MATERIAL			DEMARKS
FEET	STRATA	NO	TYPE	PEF		RQD%	COLOR	HARD			ESCRIPTION	uscs	PID	REMARKS
	XXXXXX					KQD70	OOLOR	HARD	Fill: 0.0		avelly, poor recovery.	0000	110	Collected sample 1.0-
						-				, 0	,,,			3.0' (fill) at 10:15.
		S-1				23%							0.0	Collected sample 5.0-
														6.0' (native) at 10:35.
5									Silt (na	tive): 3.0	- 6.0', dry.			
									Sand: 6	C O G E' f	fine to medium grained.			
		S-2				65%			Sanu. C	5.0-6.5 , 1	ille to medium grained.		0.0	
						4								
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Comme	nts:	Borin	g advan	ced wi	th truc	ck-mounted	d CME-85 d	drill rig using	1			1		
	be sample		<u> </u>					33			PROJECT NO.	507463 /	18983	3731
											BORING NO.	B-S-03		
	_													

				Uŀ	RS L	Diamoi	nd				TEST BORIN	G LO	}	
											BORING NO:	B-S-04		
PROJEC	T:	Roch	nester D	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	R:	Nothn	nagle	Drilling C					BORING LOCATION:			
_	DWATER:						CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	VEL	TY	PE	TYPE	Macı	oCore			DATE STARTED:	08/13/		
						DIA.		1.5"			DATE FINISHED:	08/13/	/08	
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-		-		GEOLOGIST:	Dan Shel	don	
						* PO	CKET PEN	ETROMETER			REVIEWED BY:			
			SAMP						DESCI	RIPTION				
DEPTH	CTDATA	NO	TVDE	BLC		REC%	COLOR	CONSIST			MATERIAL	11000	DID	REMARKS
FEET	STRATA	NO.	TYPE	PEF	₹ 6	RQD%	COLOR	HARD	Fill: 0.0-	عر 1.0', gra	SCRIPTION	USCS	PID	Collected sample 2.0-
											ders, ash, brick.			4.0' (fill) at 12:15.
		S-1				45%							0.0	
		0 .				4070							0.0	Native soil sample not collected.
														conected.
5		S-2				92%							0.0	
											(1 1 5 0)			
										Re	efusal at 5.2'			
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Comme			g advan	ced wit	th truc	k-mounte	d CME-85 d	rill rig using			BBC 1-0-11-	505 15 5 5	465-	704
a geopro	be sample	r									PROJECT NO.	507463 /	18983	3731
											BORING NO.	B-S-04		

				UI	RS L	Diamoi	nd				TEST BORIN	G LO	}	
											BORING NO:	B-S-05		
PROJEC	T:	Roch	ester D	riving	Park						SHEET:	1	of	1
CLIENT:			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	l:	Nothr	agle	Drilling C		ſ			BORING LOCATION:			
1	DWATER:						CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	VEL	TY	PE	TYPE	Macı	roCore			DATE STARTED:	08/14/		
						DIA.		1.5"			DATE FINISHED:	08/14/		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL	-		-			Dan Shel	don	
						* PO	CKET PEN	ETROMETE			REVIEWED BY:	1		
			SAMP						DESC	RIPTION				
DEPTH	CTDATA	NO	TVDE	BLC		REC%	COLOR	CONSIST			MATERIAL	ucce	DID	REMARKS
FEET	STRATA	NO.	TYPE	PEF	(6 "	RQD%	COLOR	HARD	Gravel:	0.0-1.0'	SCRIPTION	USCS	PID	Collected sample 1.0-
	*******										velly, black and gray, dry,			3.0' (fill) at 08:30.
	******	S-1				73%			faint op	en.			0.0	
	******	٠.				7070							0.0	Collected sample 4.0-5.0' (native) at 08:40.
									Silt (nat	ive): 3.0	- 8.0', dry.			3.0 (Hative) at 00.40.
5														
		S-2				48%							0.0	
10														
10														
15														
10														
20														
25														
30														
35														
Comme			g advan	ced wi	th truc	k-mounte	d CME-85 d	Irill rig using			DD 6 1767	505 15 5 1	465-	704
a geopro	be sampler	•										507463 /	18983	3/31
											BORING NO.	B-S-05		

				UF	RS I	Diamo	nd				TEST BORIN	G LO	3	
											BORING NO:	B-S-06		
PROJEC			nester D		Park						SHEET:		of	
CLIENT			ont CRG								JOB NO.:	507463 /	18983	3731
	CONTRA	CTOR	<u> </u>	Nothn	nagle	Drilling C		I			BORING LOCATION:			
	DWATER:					I	CAS.	SAMPLER	CORE	TUBE	GROUND ELEVATION:			
DATE	TIME	LE	VEL	TY	PE	TYPE	Mac	roCore			DATE STARTED:	08/14		
						DIA.		1.5"			DATE FINISHED:	08/14		
						WT.	-		-		DRILLER:	Steve Lo		
						FALL * PO	- CKET DEN	 ETROMETEI	- DEAD	ING	GEOLOGIST: REVIEWED BY:	Dan She	ldon	
			SAMF) E		0	CKLIFLN	LIKOWILILI		RIPTION				
DEPTH			JAWI		ws	REC%		CONSIST	DESC		MATERIAL			REMARKS
FEET	STRATA	NO.	TYPE	PER		RQD%	COLOR	HARD			SCRIPTION	uscs	PID	KEMIAKKO
						11-12-12				0.0-0.5'				Collected sample 1.0-
									Fill: 0.0	-3.0', gra	avelly, brick, black gravel			3.0' (fill) at 09:00.
		S-1				78%			at 3.0',	wet.			0.0	Collected sample 4.0-
														6.0' (native) at 09:15.
	*******													, ,
5	~~~~~								Silt (nat	tive): 4.0	- 6.0', dry.			
		S-2				100%							0.0	
										Re	efusal at 6.0'			
	•										5.454. 4t 5.5			
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35 Commo	nto:	D-a-	a a -l	oo 4	th +	de ma accord	4 CME 05	pill piocesta	<u> </u>		Γ	L		<u> </u>
Comme			ig advan	cea wit	ın truc	к-mounte	a CIVIE-85 C	Irill rig using			DDO JECT NO	E07400 /	1000	2724
a geopro	be sample										PROJECT NO. BORING NO.	507463 / B-S-06	1898	0101
											DONING NO.	D-9-00		

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Survey Data

BOREHOLE LOCATIONS

DUPONT DRIVING PARK SITE GRID COORDINATES

DATUMS: NAD83 / ROCHESTER VERTICAL

7/25/2008								
Bore#	Northing	Easting	Ground Elevation					
BGS-01	1161970.01	1397549.05	486.02					
BGS-02	1160608.06	1397945.13	502.44					
MW-04	1160807.82	1397536.23	505.51					
PCB-01	1161271.58	1397531.01	497.64					
PCB-02	1161110.16	1397533.26	499.77					
PCB-03	1160968.46	1397536.49	504.10					
PCB-04	1160644.60	1397539.79	506.41					
PCB-05	1160480.58	1397541.30	506.30					

5/2008				
			Ground	
Bore#	Northing	Easting	Elevation	Riser
MW-02	1161021.55	1397826.84	500.93	503.32
MW-03	1160439.08	1397667.48	506.13	508.49
MW-04	1160778.54	1397569.86	505.84	508.38
MW-05	1161389.38	1397677.51	492.55	494.5
MW-06	1160837.96	1397691.94	505.37	507.85
MW-07	1160436.87	1397890.74	505.27	507.57
MW-09	1161005.49	1397600.93	501.83	504.41
MAG	1160955.44	1397719.56	502.454	
NAIL	1160628.17	1397722.10	506.779	1
MW-07	1160436.87	1397890.74	505.504	1
MW-03	1160439.08	1397667.48	506.415	1
B-S-04	1160490.87	1397695.20	505.96	1
B-S-03	1160723.00	1397804.64	505.227	1
B-S-02	1160746.03	1397626.11	505.99	1
MW-04	1160778.54	1397569.86	506.114	1
B-S-05	1160904.67	1397565.08	504.566	1
MW-06	1160837.96	1397691.94	505.637	1
MW-02	1161021.55	1397826.84	501.23	1
B-S-01	1160975.76	1397680.64	502.01	1
MW-09	1161005.49	1397600.93	502.195	1
B-N-07	1161233.75	1397588.24	497.07	1
B-N-06	1161276.12	1397675.99	495.429	
MW-05	1161389.38	1397677.51	492.832	1
B-N-05	1161347.32	1397584.07	493.412	1
B-N-04	1161538.03	1397580.47	491.564	1
B-N-02	1161663.62	1397578.93	490.65	
B-N-01	1161750.20	1397689.02	490.165	1
B-N-03	1161542.77	1397695.23	491.42	
B-S-06	1161025.08	1397557.79	501.272	
TPL-07	1160844.00	1397818.08	504.573	1
TPL-07	1160836.06	1397817.53	504.767	
TPL-07	1160835.58	1397790.86	504.87	
TPL-07	1160843.67	1397791.35	504.84	
TPL-05	1160790.54	1397770.25	505.153	
TPL-05	1160781.15	1397770.76	505.35	

BOREHOLE LOCATIONS

DUPONT DRIVING PARK SITE GRID COORDINATES

DATUMS: NAD83 / ROCHESTER VERTICAL

9/15/2008 (co	ntinued)		
			Ground
Bore#	Northing	Easting	Elevation
TPL-05	1160778.06	1397753.34	505.439
TPL-05	1160788.00	1397752.65	505.3
TPL-03	1160932.00	1397647.09	504.657
TPL-03	1160932.06	1397632.64	504.413
TPL-03	1160940.09	1397632.08	504.22
TPL-03	1160940.14	1397646.32	504.574
TPL-09	1160960.93	1397591.00	504.50
TPL-09	1160969.87	1397591.36	504.261
TPL-09	1160967.90	1397572.58	504.448
TPL-09	1160960.29	1397571.73	504.564
TPL-08	1160944.68	1397553.56	504.886
TPL-08	1160932.86	1397553.47	504.73
TPL-08	1160932.44	1397537.29	504.653
TPL-08	1160942.44	1397536.38	504.44
TPL-15	1161199.85	1397851.41	495.375
TPL-15	1161209.54	1397851.10	495.125
TPL-15	1161210.03	1397861.26	495.008
TPL-15	1161199.69	1397861.05	495.175
A-08	1160890.01	1397800.32	504.20
A-08	1160879.17	1397810.56	504.545
A-08	1160870.21	1397800.55	504.58
A-07	1160824.91	1397803.20	504.853
A-07	1160815.18	1397802.44	504.958
A-06	1160732.41	1397784.64	505.371
A-06	1160712.51	1397785.88	505.631
A-03	1160707.04	1397683.36	506.16
A-03	1160686.83	1397685.29	506.331
A-03	1160696.82	1397694.85	506.21
A-03	1160695.78	1397674.45	506.237
A-02	1160985.76	1397558.96	503.706
A-02	1160986.26	1397549.87	503.559
A-02	1160997.12	1397548.73	503.156
A-02	1161005.81	1397548.29	502.64
A-02	1161005.73	1397557.86	502.796